NB, NBE, NK, NKE

Single-stage end-suction long-coupled pumps
60 Hz - ANSI



GRUNDFOS

Table of contents

1. Applications 4
Introduction 4
HVAC 4
Industrial pressure boosting 4
Industrial liquid transfer 4
Water supply 4
Irrigation 5

2. Features and benefits 6

3. Performance range 9
NBE, NKE 200V 9
NBE, NKE 460 V 10
NBE, NKE 575V 12
NB, NK 2-pole 13
NB, 4-pole 14
NK, 4-pole 14
NB, 6-pole 15
NK, 6-pole 15

4. Product range. 16
NBE, NKE, medium speed/NB, NK, 2-pole 17
NBE, NKE, low speed/NB, NK, 4-pole 19
NB, NK, 6-pole 23

5. Identification. 26
Nameplate 26
Type key, NB, NBE 27
Type key, NK, NKE 30

6. Construction. 35
NB, center-line outlet 35
NB, material specification 36
NK, center-line outlet 37
NK, tangential outlet 38
NK, material specification 39
Mechanical construction 41

7. Operating conditions 48
Pump location 48
Ambient temperature and installation altitude 48
Liquid temperature 48
Flow rates 48
Operating range of mechanical shaft seals 49
Recommended shaft seal for water-glycol mixture 50
Pressures in the pump 51

8. Mechanical installation 53
Foundation 53
Pipes 57
Condensation cover 57
Elimination of noise and vibrations 58
Alignment 59
Measuring instruments 59

9. Speed-controlled pumps 60
E-pumps in connection with a CUE 60
Why select an E-pump 61
Maximum speed of the impeller 61
Mains supply 61
Affinity equations 62
Communication with the E-solution 63
Communication with E-pumps 66

10. Selection of product 67
Key application data sheet 67
Pump size 68
Efficiency 68
Material 68

11. Pumped liquids 69

12. NK bare-shaft pumps 70
NK, center-line outlet 70
NK, tangential outlet 73

13. Pump flange dimensions 74
Fixed pump flanges, ASME/ANSI B16.1 74
Loose pump flanges, ASME/ANSI B16.42 74

14. Introduction to curves and technical data 75
How to read the curve charts 75
Curve conditions 76
Pump performance testing 76
Performance-test types 78
Specifying acceptance grades 79

15. Performance curves. 81
Overview 81
Medium speed, 4000 RPM, CUE 200-240V 83
Low speed, 2000/2200 RPM, CUE 200-240V 89
Medium speed, 4000 RPM, MLE 200-240V, MLE & CUE 460V 102
Low speed, 2000/2200 RPM, MLE & CUE 460V 108
Medium speed, 4000 RPM, CUE 575V 121
Low speed, 2000/2200 RPM, CUE 575V 127
2-pole 140
4-pole 146
6-pole 162

16. Dimensional drawings and technical data 173
NBE, dimensional drawings 173
Dimensions for NBE pumps with TEFC motor (460 V), MLE, mounting design A 175
Dimensions for NBE pumps with TEFC motor (230 V), MLE, mounting design A 181
Dimensions for NBE pumps with TEFC motor (460 V), mounting design B and C 182
Dimensions for NBE pumps with TEFC motor (230V), MLE, mounting design B and C 188

Dimensions for NBE pumps with TEFC motor (460 V), MLE, mounting design F 189
Dimensions for NBE pumps with TEFC motor (230 V), MLE, mounting design F 195
Dimensional drawings, NBE with integrated CUE 196
Dimensions for NBE pumps with WEG motor and CUE (200V), mounting design A 198
Dimensions for NBE pumps with WEG motor and CUE (460V), mounting design A 205
Dimensions for NBE pumps with WEG motor and CUE (575V), mounting design A 207
Dimensions for NBE pumps with TEFC motor (WEG and Baldor, 230/460/575 V), mounting design B and C 215
Dimensions for NBE pumps with TEFC motor (WEG and Baldor, 200 V), mounting design F . . 222
Dimensions for NBE pumps with TEFC motor (WEG and Baldor, 460 V), mounting design F . . 229
Dimensions for NBE pumps with TEFC motor (WEG and Baldor, 575 V), mounting design F . . 231
NB, dimensional drawings 239
Flange and bare pump dimensions 243
Dimensions for NB pumps with TEFC motors, mounting design A 245
Dimensions for NB pumps with ODP motors, mounting design A 255
Dimensions for NB pumps with TEFC motors, mounting design B and C 265
Dimensions for NB pumps with ODP motors, mounting design B and C 275
Dimensions for NB pumps with TEFC motors, mounting design F 285
Dimensions for NB pumps with ODP motors, mounting design F 295
NKE, dimensional drawings 305
Dimensions for NKE pumps (460 V) 306
Dimensions for NKE pumps (230 V) 312
Dimensional drawings, NKE with integrated CUE 313
Dimension for NKE pumps with WEG motors and CUE (200 V) 314
Dimension for NKE pumps with WEG motors and CUE (460 V) 321
Dimension for NKE pumps with WEG motors and CUE (575 V) 323
NK, dimensional drawings 331
Dimensions for NK pumps with TEFC motors and standard coupling 333
Dimensions for NK pumps with TEFC motors and spacer couplings 347
Dimensions for NK pumps with ODP motors and standard coupling 361
Dimensions for NK pumps with ODP motors and spacer couplings 375
Dimensional drawing, NBE/NKE Series 2000 . . 389
Dimensions, NBE/NKE Series 2000 389

17. Pump Energy Index (PEI) 390
NBE pump with MLE motor 390
NBE pump with integrated CUE and WEG PM motor 392
NKE pump with MLE motor 395
NKE pump with integrated CUE and WEG PM motor 397
NB pump with fixed-speed motor 401
NK pump with fixed-speed motor 402

18. Motor data 403
Standard motor ranges 403
E-motor range 403
Electrical data, MLE motors 404

19. Base frames and support rails 405
NK/NKE base frame 405
NK/NKE base frames, dimensional sketches . . 405
NB base frames 424
NB, support rails 425
NBE, support rails 431

20. Accessories 433
Flow sensor 433
External Grundfos sensors 434
Potentiometer 436
Grundfos GO 436
CIU communication interface units 437
CIM communication interface modules 437
Antennas and battery 438
EMC filter 438
Shims 439

21. Service 440

22. Grundfos Product Center 441

23. Document quality feedback 442

1. Applications

Introduction

NB and NK are multipurpose pumps suitable for a variety of different applications demanding reliable and cost-efficient supply.

NB and NK pumps are used in five main fields of application:

- HVAC
- industrial pressure boosting
- industrial liquid transfer
- water supply
- irrigation.

HVAC

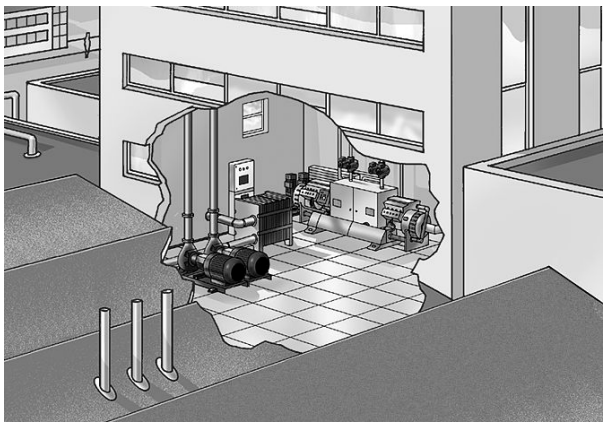
Liquid transfer in these applications:

- hot water heating systems
- chilled water systems.

Industrial pressure boosting

Pressure boosting in these applications:

- industrial washing and cleaning systems
- industrial wash-down systems
- vehicle washing tunnels
- firefighting systems.

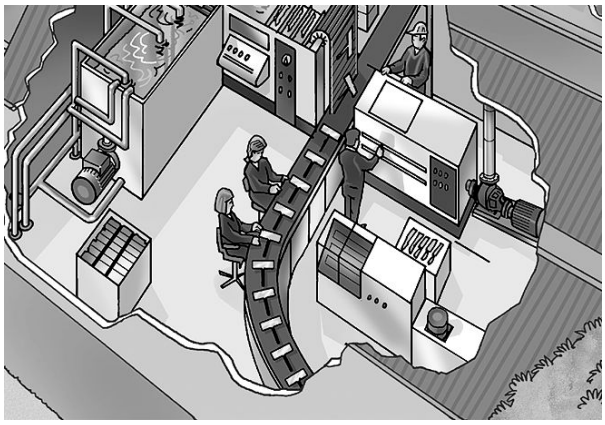


TM030147

Industrial liquid transfer

Liquid transfer in these applications:

- cooling and air-conditioning systems, refrigerants
- boiler-feed and condensate systems
- aquafarming
- industrial heating systems
- district heating plants.

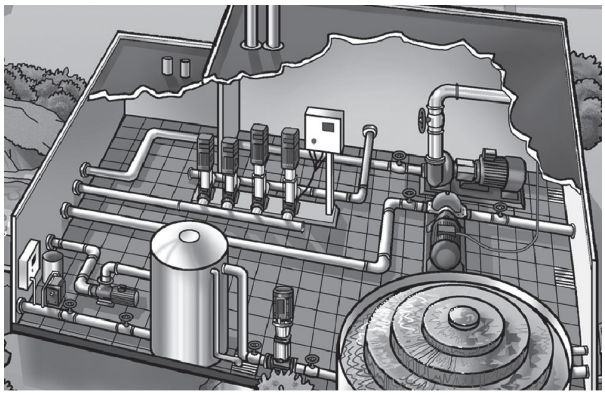


TM030148

Water supply

Besides general water supply in municipal and industrial waterworks, the NB and NK pumps are used for these specific applications:

- filtration and transfer at waterworks
- pressure boosting in mains
- pressure boosting in high-rise buildings, hotels, etc.
- pressure boosting in industrial buildings
- various swimming bath applications.

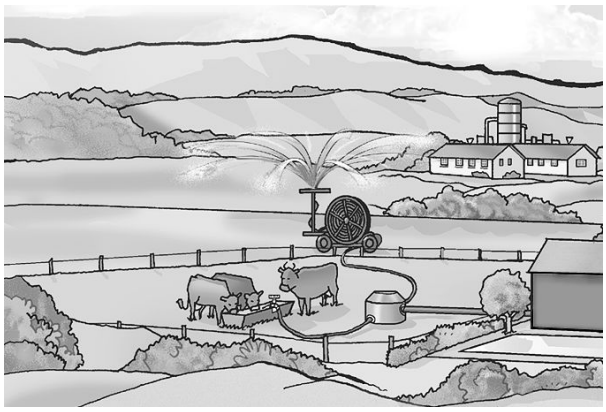


TM030146

Irrigation

Irrigation covers these applications:

- field irrigation, flooding
- sprinkler irrigation
- drip-feed irrigation.



TM030149

2. Features and benefits

The pumps offer the following features:

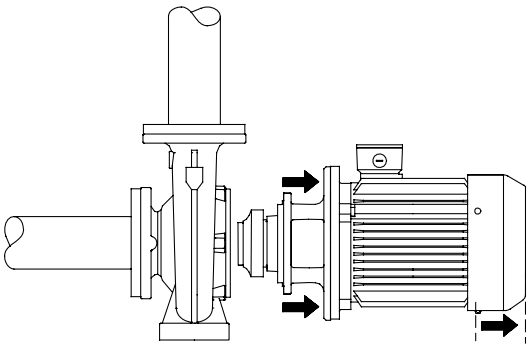
- The pumps are non-self-priming, single-stage, centrifugal volute pumps with axial inlet port, radial outlet port and horizontal shaft.
- All pumps are according to ISO 5199 standards, adjusted for American dimensions on pump and its flanges.
- Inlet and outlet flanges are according to ASME 16.1/16.42.
- Dimensions and rated performance are according to 175/363 PSI (12/25 bar). The mechanical shaft seal has dimensions according to EN 12756.
- The pumps offer flow rates from 10 to 5800 GPM and heads from 8 to 550 ft.
- Motors with main dimensions to NEMA standards.
- The pumps can be equipped with an MLE motor with integrated frequency converter or connected to a Grundfos CUE external frequency converter.



GR-106011

NB pump

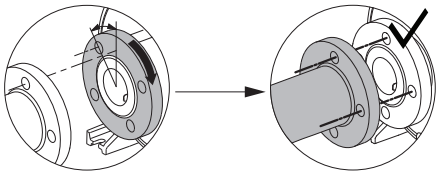
- For NB pumps the back pull-out design enables removal of the motor, motor stool and impeller without disturbing the pump housing or pipes. Even the largest pumps can thus be serviced by a single person with a crane.



TM029512

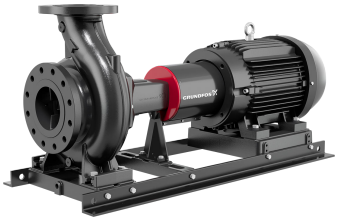
NB back pull-out design

- Reduced installation (grouting and alignment) and wiring cost.
- Larger pumps have a double volute design which prolongs seal and bearing life, and thereby lowers life cycle costs.
- Optimized impeller design increases efficiency and reduces NPSH required.
- Integrally cast diffuser vane reduces turbulence and need for suction guides.
- If supplied with base frame, no baseplate grouting is required.
- Point-loaded spring isolation base is available.



TM077935

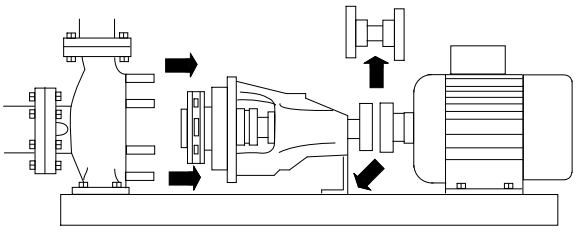
- Support rail and baseplate are available for all NB ranges.



TM086065

NK pump

- For NK pumps the back pull-out design enables removal of the motor, motor stool and impeller without disturbing the pump housing or pipes. Even the largest pumps can thus be serviced by a single person with a crane.



TM031004

NK back pull-out design

- The dedicated bearing brackets make it even more robust for heavy duty application.
- More seal solutions available for special applications.
- A spacer coupling can be chosen so that the pump can be serviced without moving the pipes and the motor.

Motor efficiency

NB and NK pumps are all fitted with NEMA Premium Efficiency motors.

All motors in standard range are three-phase motors.

Alternative motors can be fitted upon request.

Pumps with electronic speed control



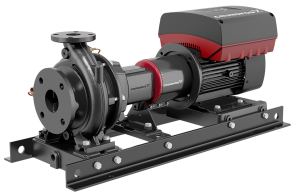
TM086999

NBE pump



TM088811

NBE pump with integrated CUE



TM087000

NKE pump



TM088812

NKE pump with integrated CUE

NBE, NKE pumps with low or medium speed motors up to 30 hp (22 kW) are available with Grundfos permanent-magnet MLE motors.

In addition to the MLE, NBE, NKE pumps with low or medium speed motors up to 75 hp (55 kW) also has integrated CUE solutions with WEG permanent-magnet motors.

All these pumps come with on-board controls which include advanced application software, providing users with an all-in-one solution pre-programmed for electronic speed control of variable volume applications. These motors meet the IE5 efficiency class according to IEC 60034-30-2. See Section E-pumps.

This IE5 rating exceeds the current NEMA Premium Efficiency standard. A comparison of IE and NEMA ratings can be seen below:

IEC	NEMA
IE5	Ultra Premium [1)]
IE4	Super Premium/Enhanced-Premium [1)]
IE3	NEMA Premium

1) Common terminology. Not officially established by NEMA.

If a sensor (or sensors, for some control models as differential temperature) is installed, NBE, NKE pumps allow for any of these configurations or control methods:

- constant pressure
- constant temperature
- constant differential pressure [2)]
- proportional differential pressure [2)]
- constant flow rate
- constant differential temperature
- constant level
- constant curve
- constant other value.

2) also available on sensorless pumps based on calculation, as a rough pump control. This function must be ordered in advance and calibrated at the factory prior to shipment.

Why select an NBE, NKE pump?

A pump with electronic speed control offers these benefits:

- energy savings
- increased comfort
- intelligent control and monitoring of pump performance
- communication with the pump
- easy installation and setup
- integrated solution
- customization
- low maintenance cost
- remote controllable
- interact with other devices by input/output terminals.

For further information on electronic speed control, see section Speed-controlled pumps.

Energy-optimized pumps

NBE, NKE pumps are energy-optimized pumps and comply with the Department of Energy (DOE) 2020 directive, in which most pumps are classified or graduated using Pump Energy Index (PEI). See section Pump Energy Index (PEI).

Related information

- *[TOPIC NOT IN MAP (empty topicRef)]*

href=reference-kXYqztE.dita

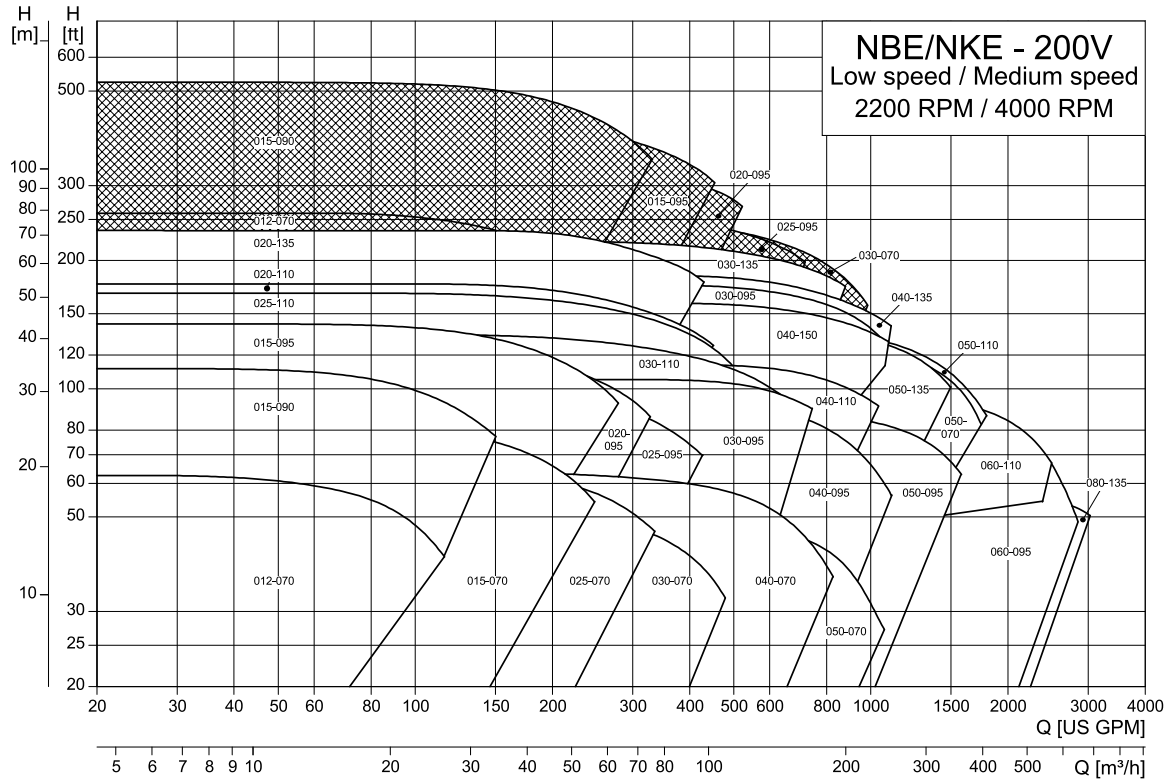
9. Speed-controlled pumps

17. Pump Energy Index (PEI)

3. Performance range

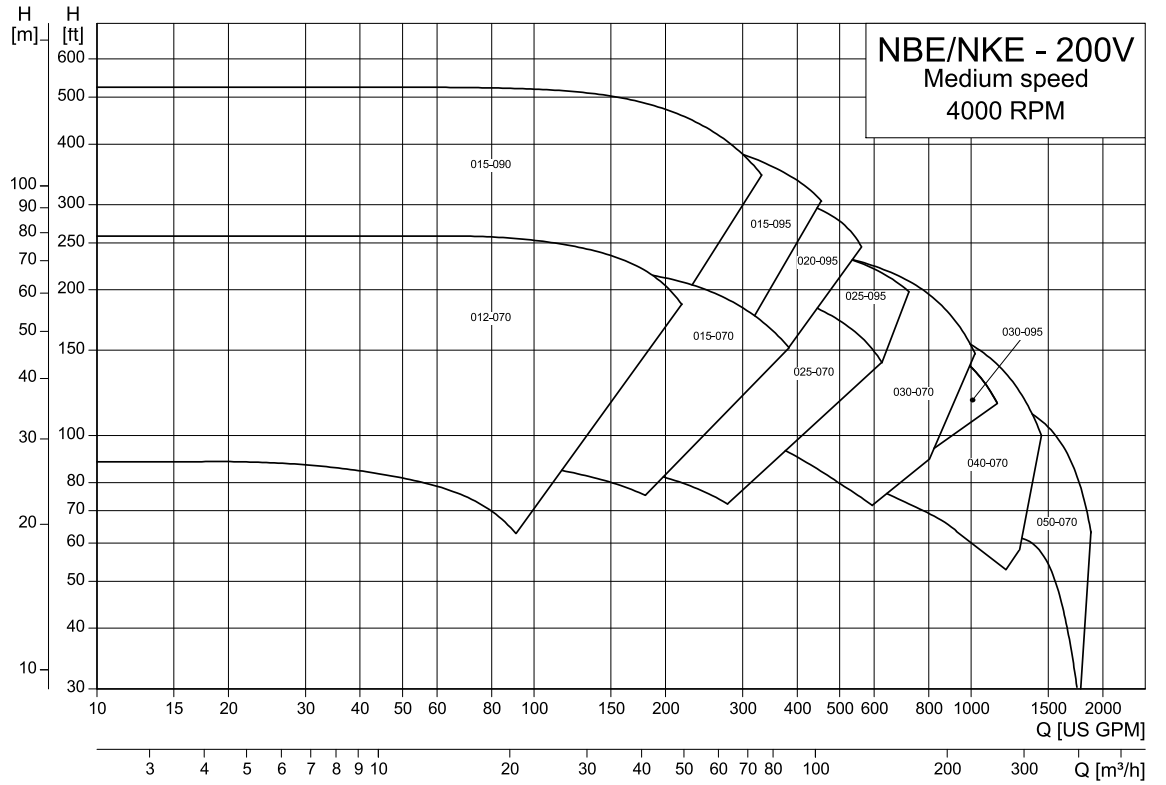
NBE, NKE 200V

200V Full range



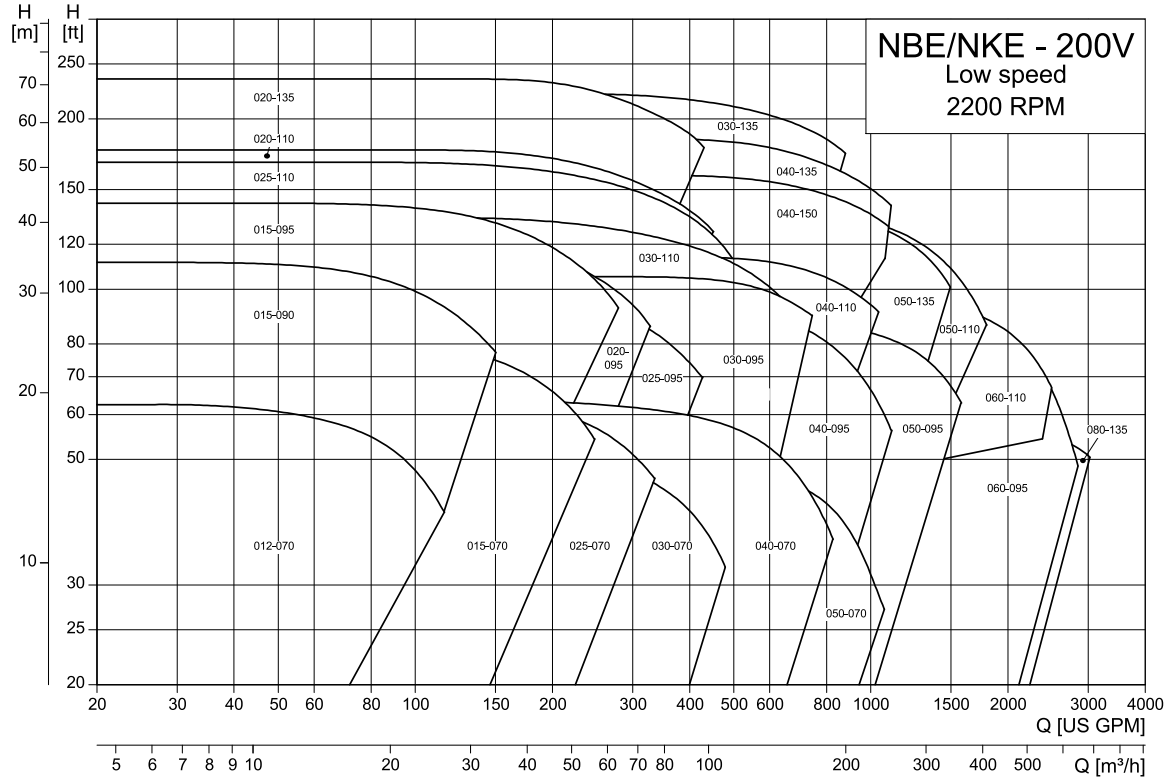
TM089428

200V Medium range



TM089426

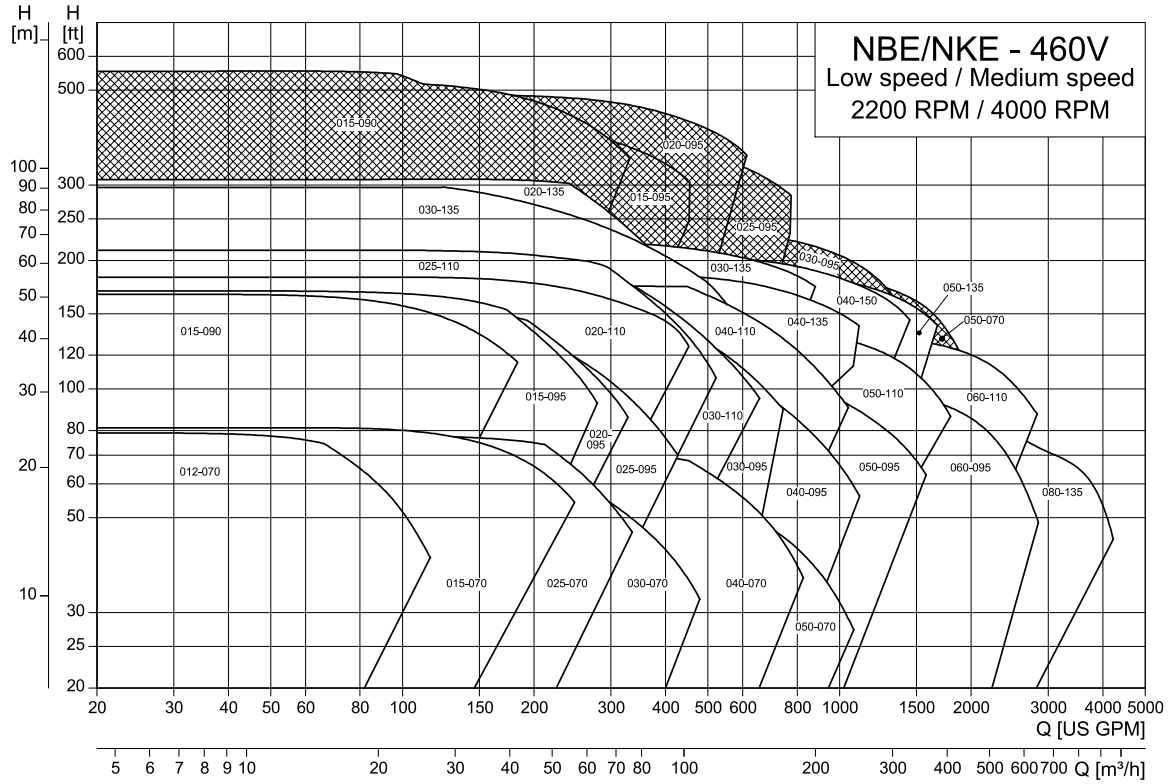
200V Low range



TM089427

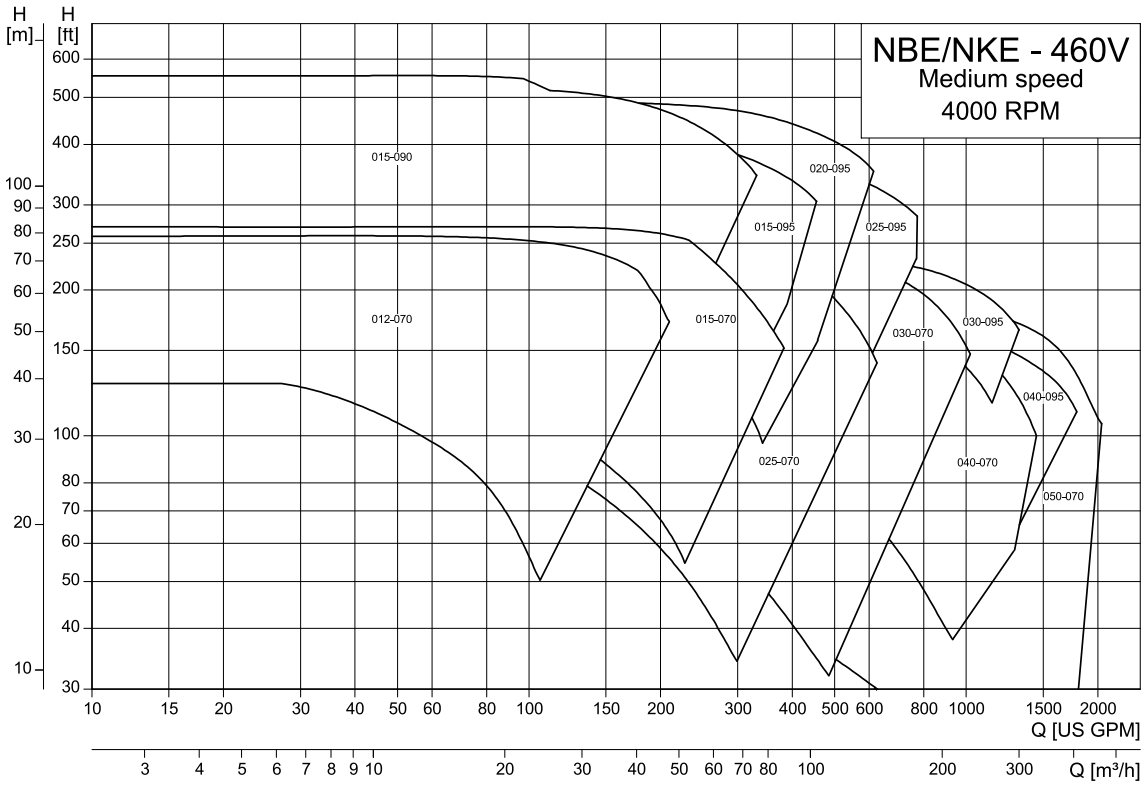
NBE, NKE 460 V

460V Full range



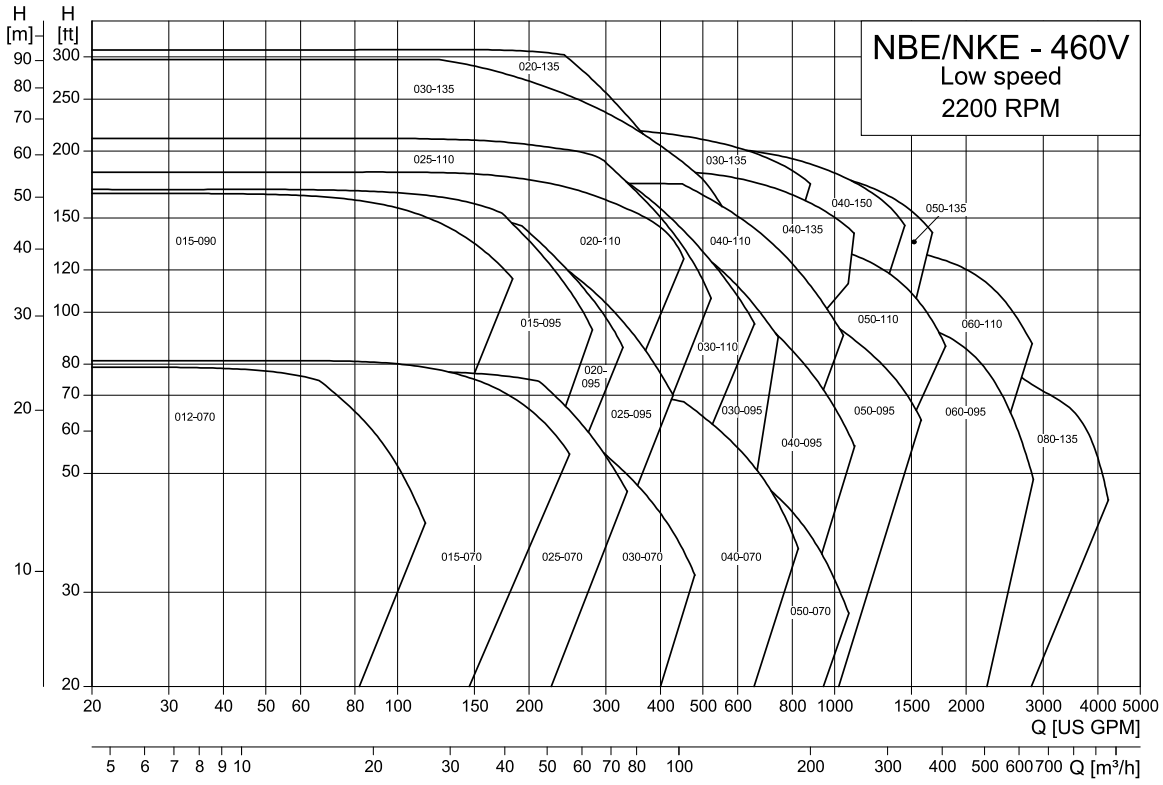
TM089434

460V Medium range



TM089432

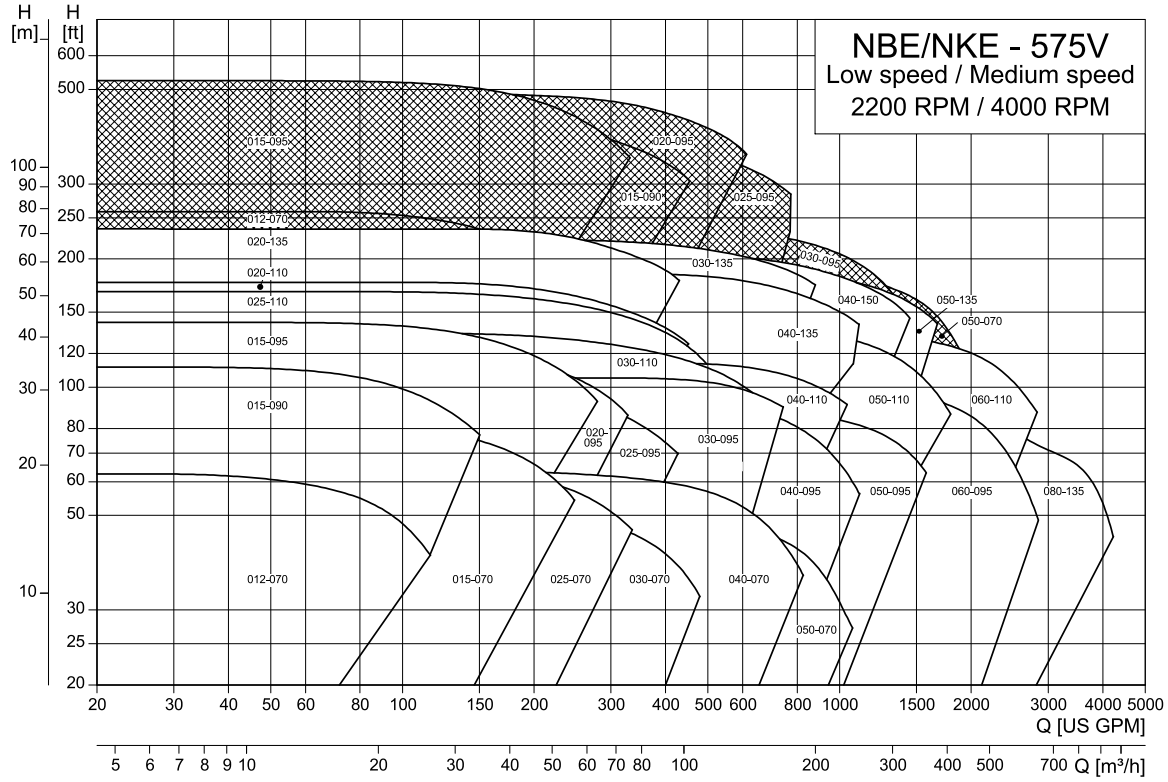
460V Low range



TM089433

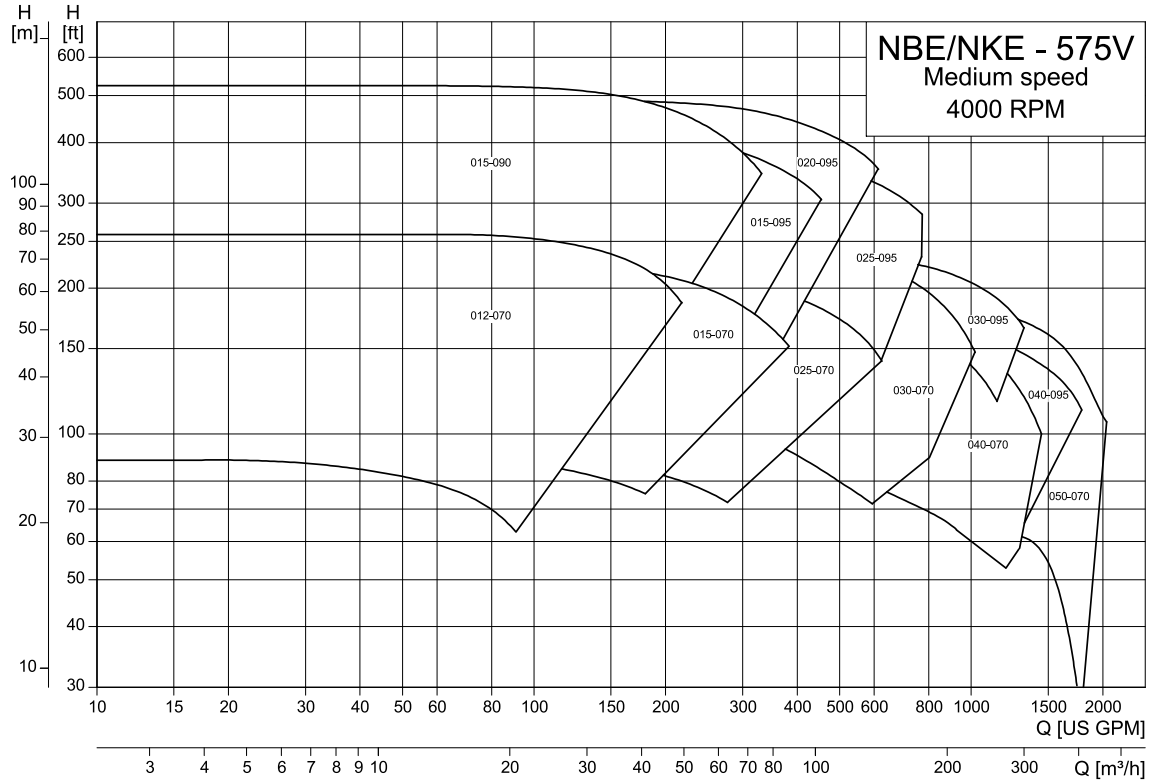
NBE, NKE 575V

575V Full range



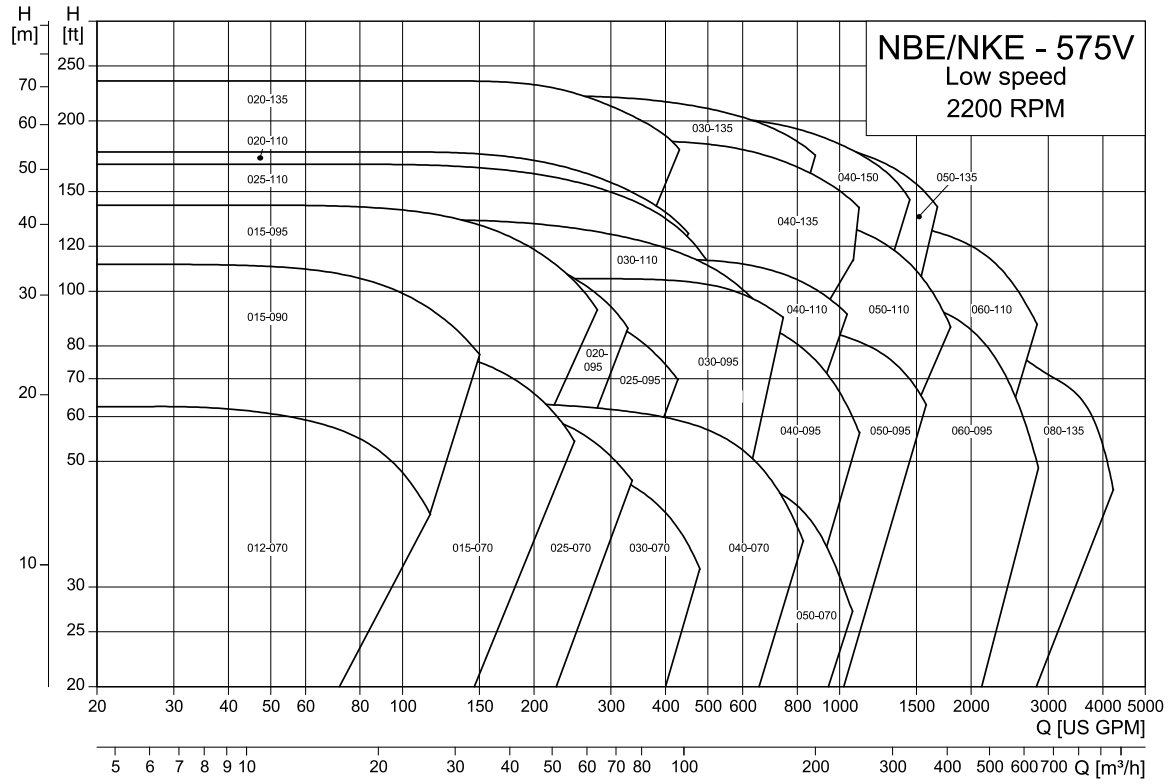
TM089431

575V Medium range



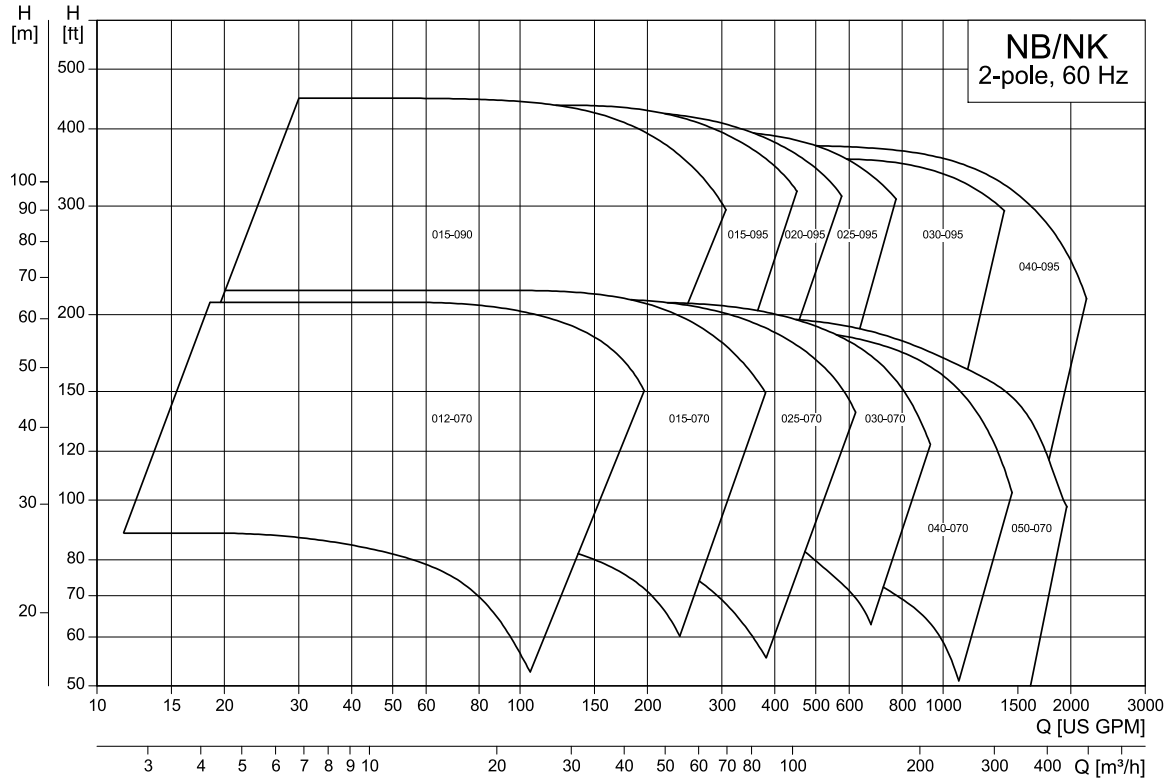
TM089429

575V Low range



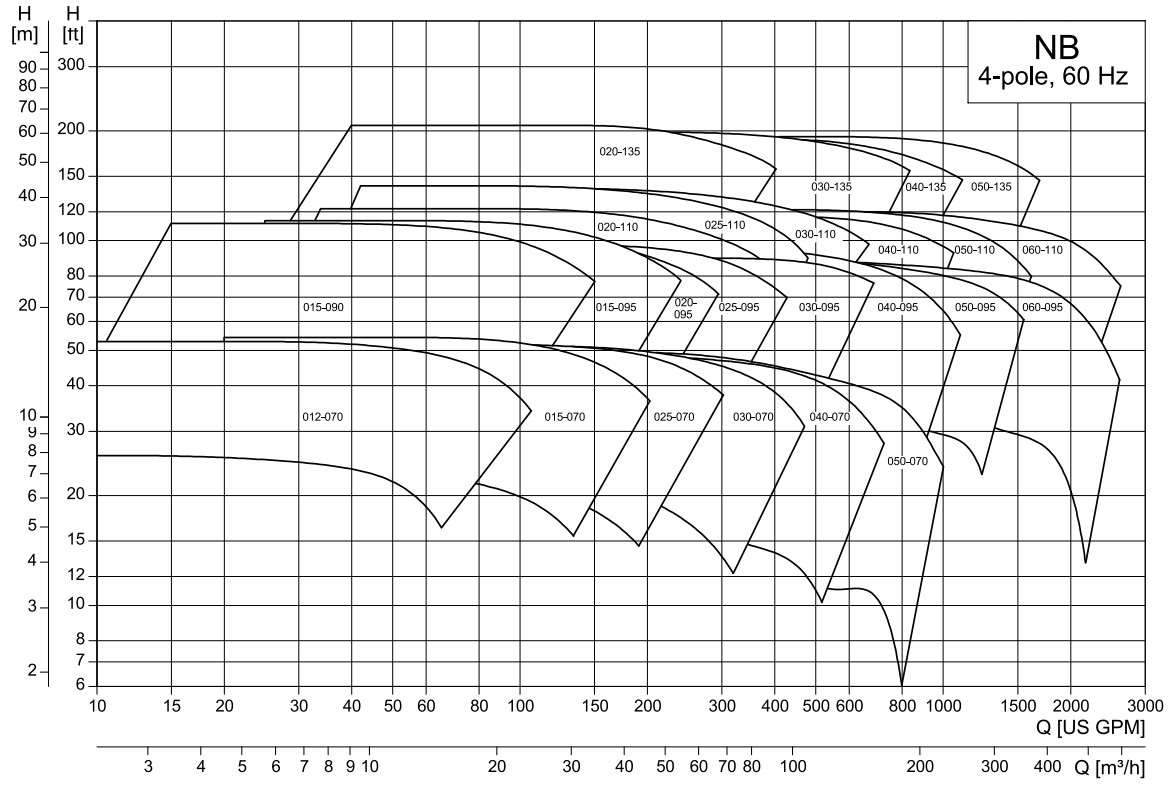
TM089430

NB, NK 2-pole



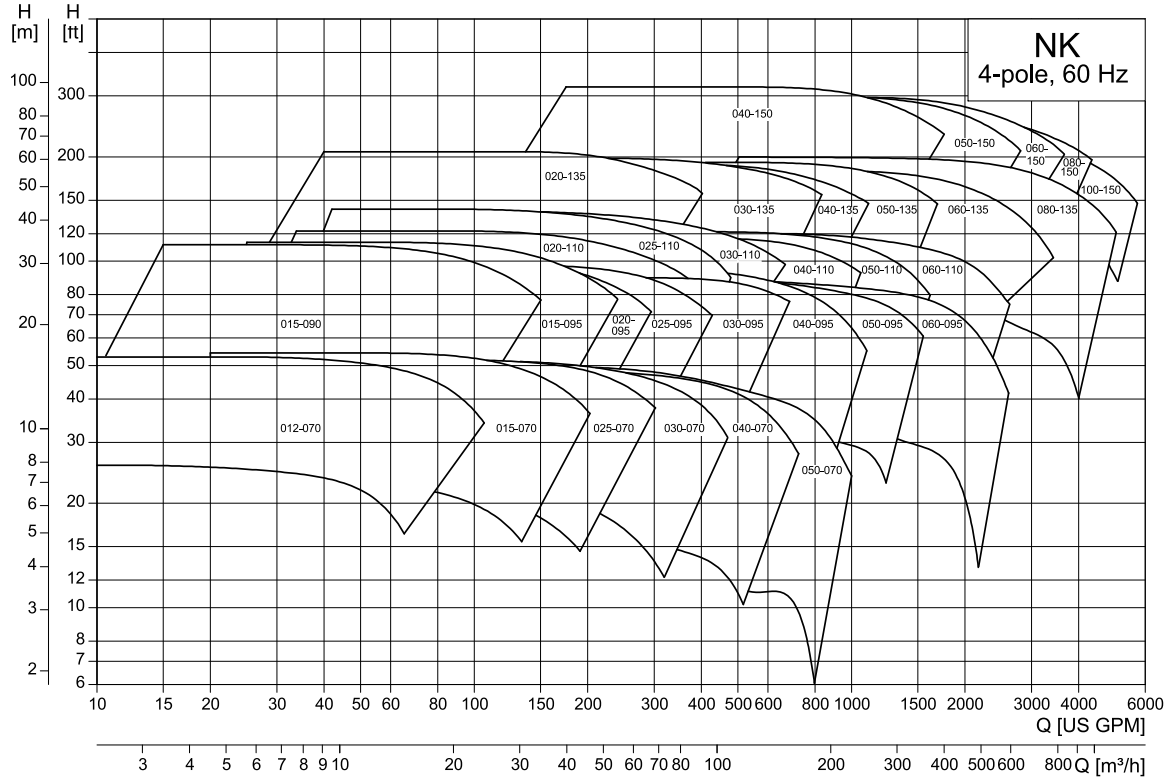
TM085944

NB, 4-pole



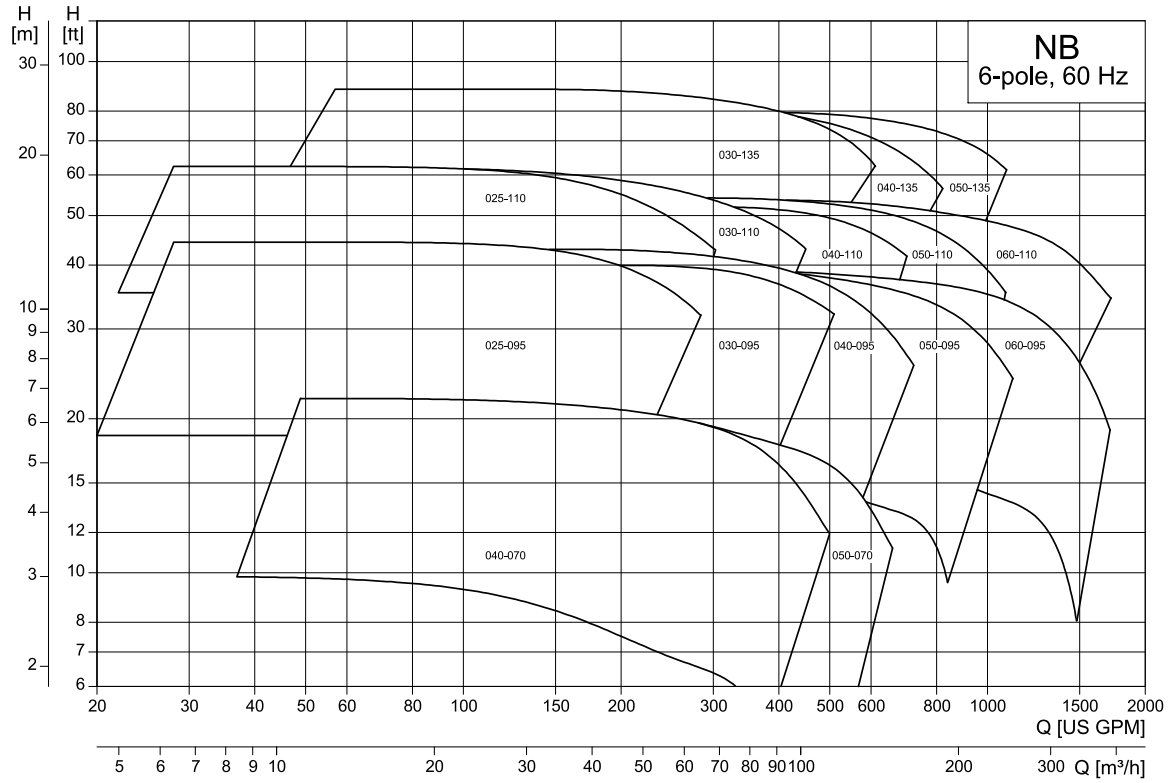
TM087274

NK, 4-pole



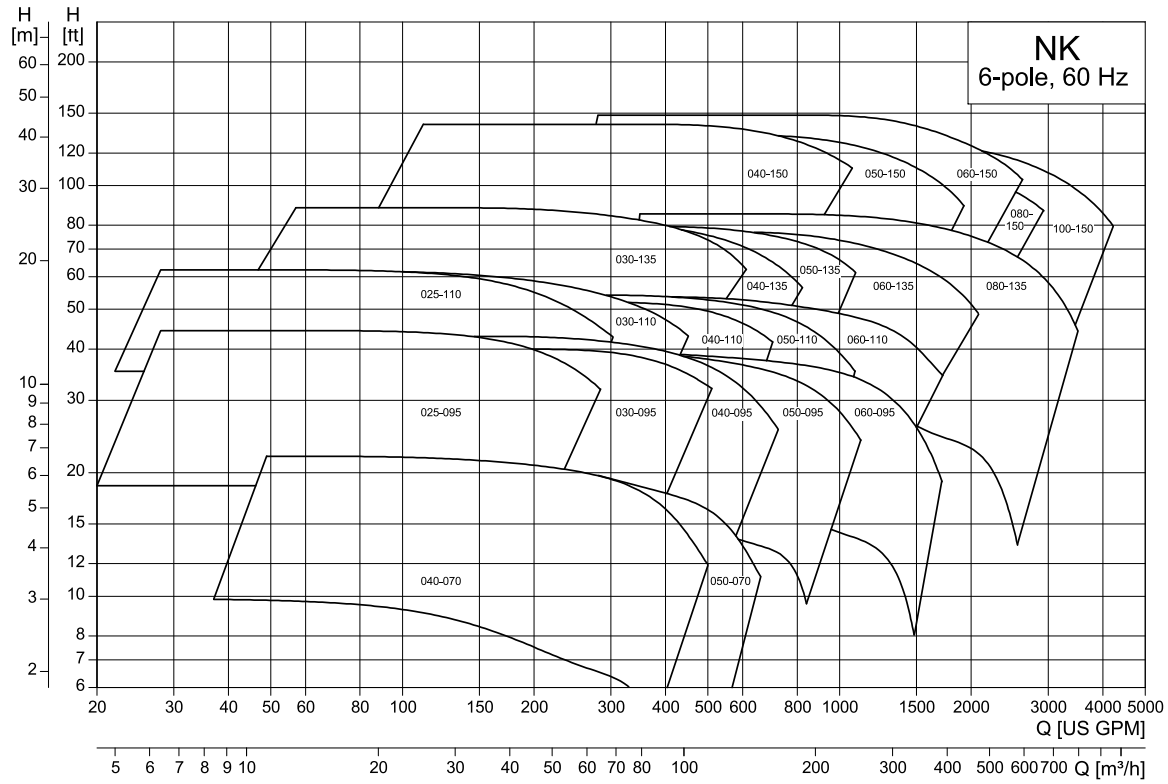
TM085945

NB, 6-pole



TM087275

NK, 6-pole



TM085946

4. Product range

The tables on the following pages show the complete product ranges of NB, NBE and NK, NKE pumps. The standard range has been combined on the basis of the following parameters:

Pump

- Pump housings have outlet flanges from 1 1/4" to 10" (DN 32 to DN 250).
- Ductile steel versions have loose flanges. All others have fixed flanges.
- NB pumps are available in mounting design A, B, C and F. The base frame for F is available as accessory. For further information, see section Mounting design, NB.
- Support rails: NB pumps combine with many motor frame sizes. In some cases, support rails are needed in order to level out the height difference between pump and motor. Also the size of the motor flange may necessitate the use of supports. The Grundfos Product Configuration System makes it possible to configure the NB pump and the supports, if needed.

Motor

- Motors are for 60 Hz.
- NB and NK pumps are available with 2-, 4- and 6-pole motors; NBE and NKE with MLE or WEG PM motors of medium speed up to 4000 RPM and low speed up to 2000/2200 RPM .
- The pumps are available with NEMA Premium Efficiency standard (IE3) and higher. E version pumps with motors has ultra-premium (IE5) efficiency.
- Standard motors with power rating up to and including 5 hp (4 kW) are available for "low voltage"; motors as from 3 hp (2.2 kW) are available for "high voltage".
- All pumps with non-E motors can be connected to Grundfos CUE or other brand frequency converter.

Related information

Mounting design

NBE, NKE, medium speed/NB, NK, 2-pole

60 Hz, 2-pole					Pressure rating and flange type			Feature options					NB pumps			NK pumps				NK options				
			NBE/NKE		Flange mounting [3]		Flange standard	NSF Approvals		Coating	With wear ring	Special motors [4]		Material code		Bearing bracket design		Material code		Bearing bracket design				
																				Heavy duty (HD)				
																				Re-grease [6]				
Pump type	P2 [hp]	P2 [kW]	No sensor, MLE/CUE	With integrated sensor, MLE/CUE	Class 125 (Cast iron)	Class 300 (Ductile iron)	ANSI	NSF 50 (Swimming pool water)	NSF 61 (Drinking water approval)	Coating	With wear ring	Special motors [4]	Mounting design [5]	S2,S3,S4, S5,S8,S9,T2	SA,SB,SC,SD,SG,SH,TA	Standard	Heavy duty (HD)	S3,S4, S5,S8,S9,SK,SL,T2,T3	SB,SC,SD,SG,SH,SI,SJ,TA,TB	SPM fittings	Pt100 sensors	d5 [inch/mm]	Shaft seal diameter [inch/mm]
012-070	3	2.2	●/●	●/●	F	F	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	0.63/16	0.79/20
	5	3.7	●/●	●/●	F	F	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	0.63/16	0.79/20
	7.5	5.5	●/●	●/●	F	F	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	0.63/16	0.79/20
	10	7.5	●/●	●/●	F	F	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	0.63/16	0.79/20
	15	11	●/●	●/●	F	F	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	0.63/16	0.79/20
	20	15	-/●	-/●	F	F	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	0.63/16	0.79/20
015-070	5	3.7	●/●	●/●	F	L	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	7.5	5.5	●/●	●/●	F	L	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	10	7.5	●/●	●/●	F	L	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	15	11	●/●	●/●	F	L	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	20	15	●/●	●/●	F	L	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	0.94/24	1.1/28
015-090	15	11	-/●	●/●	F	L	●	●	●	●	●	●	B	●	●	-	●	●	●	□	□	0.94/24	1.1/28
	20	15	-/●	●/●	F	L	●	●	●	●	●	●	C	●	●	-	●	●	●	□	□	0.94/24	1.1/28
	25	18.5	-/●	●/●	F	L	●	●	●	●	●	●	C	●	●	-	●	●	●	□	□	0.94/24	1.1/28
	30	22	-/●	●/●	F	L	●	●	●	●	●	●	C	●	●	-	●	●	●	□	□	0.94/24	1.1/28
	40	30	-/●	-/●	F	L	●	●	●	●	●	●	C	●	●	-	●	●	●	□	□	0.94/24	1.1/28
	50	37	-/●	-/-	F	L	●	●	●	●	●	●	C	●	●	-	●	●	●	□	□	0.94/24	1.1/28
015-095	15	11	-/●	●/●	F	L	●	●	●	●	●	●	B	●	●	-	●	●	●	□	□	0.94/24	1.1/28
	20	15	-/●	●/●	F	L	●	●	●	●	●	●	C	●	●	-	●	●	●	□	□	0.94/24	1.1/28
	25	18.5	-/●	●/●	F	L	●	●	●	●	●	●	C	●	●	-	●	●	●	□	□	0.94/24	1.1/28
	30	22	-/●	●/●	F	L	●	●	●	●	●	●	C	●	●	-	●	●	●	□	□	0.94/24	1.1/28
	40	30	-/●	-/●	F	L	●	●	●	●	●	●	C	●	●	-	●	●	●	□	□	0.94/24	1.1/28
	50	37	-/●	-/●	F	L	●	●	●	●	●	●	C	●	●	-	●	●	●	□	□	0.94/24	1.1/28
020-095	15	11	●/●	●/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32	1.5/38
	20	15	●/●	●/●	F	L	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	1.26/32	1.5/38
	25	18.5	●/●	●/●	F	L	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	1.26/32	1.5/38
	30	22	●/●	●/●	F	L	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	1.26/32	1.5/38
	40	30	-/●	-/●	F	L	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	1.26/32	1.5/38
	50	37	-/●	-/●	F	L	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	1.26/32	1.5/38
	60	45	-/●	-/●	F	L	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	1.26/32	1.5/38
	75	55	-/●	-/●	F	L	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	1.26/32	1.5/38
025-070	5 [7]	3.7	●/-	●/-	F	L	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	7.5	5.5	●/●	●/●	F	L	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	10	7.5	●/●	●/●	F	L	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	15	11	●/●	●/●	F	L	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	20	15	●/●	●/●	F	L	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	25	18.5	●/●	●/●	F	L	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	30	22	●/●	●/●	F	L	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	0.94/24	1.1/28

60 Hz, 2-pole					Pressure rating and flange type			Feature options					NB pumps			NK pumps				NK options			
			NBE/NKE		Flange mounting [3]		Flange standard	NSF Approvals						Material code		Bearing bracket design		Material code		Bearing bracket design			
																				Heavy duty (HD)			
																				Re-grease [6]			
Pump type	P2 [hp]	P2 [kW]	No sensor, MLE/CUE	With integrated sensor, MLE/CUE	Class 125 (Cast iron)	Class 300 (Ductile iron)	ANSI	NSF 50 (Swimming pool water)	NSF 61 (Drinking water approval)	Coating	With wear ring	Special motors [4]	Mounting design [5]	S2,S3,S4, S5,S8,S9,T2	SA,SB,SC,SD,SG,SH,TA	Standard	Heavy duty (HD)	S3,S4, S5,S8,S9,SK,SL,T2,T3	SB,SC,SD,SG,SH,SI,SJ,TA,TB	SPM fittings	Pt100 sensors	d5 [inch/mm]	Shaft seal diameter [inch/mm]
025-095	25	18.5	●/●	●/●	F	L	●	●	●	●	●	●	B	●	●	-	●	●	●	□	□	1.26/32	1.5/38
	30	22	●/●	●/●	F	L	●	●	●	●	●	●	B	●	●	-	●	●	●	□	□	1.26/32	1.5/38
	40	30	-/●	-/●	F	L	●	●	●	●	●	●	B	●	●	-	●	●	●	□	□	1.26/32	1.5/38
	50	37	-/●	-/●	F	L	●	●	●	●	●	●	C	●	●	-	●	●	●	□	□	1.26/32	1.5/38
	60	45	-/●	-/●	F	L	●	●	●	●	●	●	C	●	●	-	●	●	●	□	□	1.26/32	1.5/38
	75	55	-/●	-/●	F	L	●	●	●	●	●	●	C	●	●	-	●	●	●	□	□	1.26/32	1.5/38
030-070	7.5 [7]	5.5	●/-	●/-	F	L	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	10 [7]	7.5	●/-	●/-	F	L	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	15	11	●/●	●/●	F	L	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	20	15	●/●	●/●	F	L	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	25	18.5	●/●	●/●	F	L	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	30	22	●/●	●/●	F	L	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	40	30	-/●	-/●	F	L	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	50	37	-/●	-/●	F	L	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	0.94/24	1.1/28
030-095	40	30	-/●	-/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32	1.5/38
	50	37	-/●	-/●	F	L	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	1.26/32	1.5/38
	60	45	-/●	-/●	F	L	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	1.26/32	1.5/38
	75	55	-/●	-/●	F	L	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	1.26/32	1.5/38
	100	75	-/-	-/-	F	L	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	1.26/32	1.5/38
	125	90	-/-	-/-	F	L	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	1.26/32	1.5/38
040-070	15 [7]	11	●/-	●/-	F	L	●	●	●	●	●	●	C	●	●	-	●	●	●	□	□	0.94/24	1.1/28
	20	15	●/●	●/●	F	L	●	●	●	●	●	●	C	●	●	-	●	●	●	□	□	0.94/24	1.1/28
	25	18.5	●/●	●/●	F	L	●	●	●	●	●	●	C	●	●	-	●	●	●	□	□	0.94/24	1.1/28
	30	22	●/●	●/●	F	L	●	●	●	●	●	●	C	●	●	-	●	●	●	□	□	0.94/24	1.1/28
	40	30	-/●	-/●	F	L	●	●	●	●	●	●	C	●	●	-	●	●	●	□	□	0.94/24	1.1/28
	50	37	-/●	-/●	F	L	●	●	●	●	●	●	C	●	●	-	●	●	●	□	□	0.94/24	1.1/28
040-095	60	45	-/-	-/-	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32	1.5/38
	75	55	-/●	-/●	F	L	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	1.26/32	1.5/38
	100	75	-/-	-/-	F	L	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	1.26/32	1.5/38
	125	90	-/-	-/-	F	L	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	1.26/32	1.5/38
	150	110	-/-	-/-	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●	□	□	1.26/32	1.5/38
050-070	15 [7]	11	●/-	●/-	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	20 [7]	15	●/-	●/-	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	25	18.5	-/-	-/-	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	30	22	-/●	-/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	40	30	-/●	-/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	50	37	-/●	-/●	F	L	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	60	45	-/●	-/●	F	L	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	75	55	-/●	-/●	F	L	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	0.94/24	1.1/28

3) F = Fixed flange; L = Loose flange;

4) Special motor brand; Special voltage; Insulated bearings for VFD operation

5) For information about mounting designs, see section Mounting design.

6) □ = Optional; ■ = Standard

7) Only for E-pumps

Related information

Mounting design

NBE, NKE, low speed/NB, NK, 4-pole

60 Hz, 4-pole			Pressure rating and flange type				Feature options					NB pumps			NK pumps				NK options			
			NBE/NKE		Flange mounting [8]		Flange standard	NSF Approvals						Material code		Bearing bracket design	Material code		Bearing bracket design			
																			Heavy duty (HD)			
																			Re-grease [11]			
Pump type	P2 [hp]	P2 [kW]	No sensor, ML/CUE	With integrated sensor, ML/CUE	Class 125 (Cast iron)	Class 300 (Ductile iron)	ANSI	NSF 50 (Swimming pool water)	NSF 61 (Drinking water approval)	Coating	With wear ring	Special motors [9]	Mounting design [10]	S2,S3,S4, S5,S8,S9,T2	SA,SB,SC,SD,SG,SH,TA	Standard	Heavy duty (HD)	S3,S4, S5,S8,S9,SK,SL,T2,T3	SB,SC,SD,SG,SH,SI,SJ,TA,TB	SPM fittings	Pt100 sensors	d5 [inch/mm]	Shaft seal diameter [inch/mm]
012-070	1	0.75	-/-	-/-	F	F	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	0.63/16	0.79/20
	1.5	1.1	●/●	●/●	F	F	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	0.63/16	0.79/20
	2 [12]	1.5	●/●	●/●	F	F	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	0.63/16	0.79/20
015-070	1	0.75	-/-	-/-	F	L	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	0.63/16	0.79/20
	1.5	1.1	●/●	●/●	F	L	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	0.63/16	0.79/20
	2	1.5	●/●	●/●	F	L	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	0.63/16	0.79/20
	3	2.2	●/●	●/●	F	L	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	0.63/16	0.79/20
	5 [12]	3.7	●/●	●/●	F	L	●	●	●	●	●	●	C	●	●	●	-	●	●	□	□	0.63/16	0.79/20
015-090	1.5	1.1	●/●	●/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	2	1.5	●/●	●/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	3	2.2	●/●	●/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	5	3.7	●/●	●/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	0.94/24	1.1/28
015-095	2	1.5	●/●	●/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	3	2.2	●/●	●/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	5	3.7	●/●	●/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	7.5	5.5	●/●	●/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	10 [12]	7.5	●/●	●/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	0.94/24	1.1/28
020-095	2	1.5	●/●	●/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	3	2.2	●/●	●/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	5	3.7	●/●	●/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	7.5	5.5	●/●	●/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	10 [12]	7.5	●/●	●/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	0.94/24	1.1/28
020-110	5	3.7	●/●	●/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	7.5	5.5	●/●	●/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	10	7.5	●/●	●/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	15	11	●/●	●/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	20 [12]	15	●/●	●/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	0.94/24	1.1/28
020-135	7.5	5.5	●/●	●/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32	1.5/38
	10	7.5	●/●	●/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32	1.5/38
	15	11	●/●	●/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32	1.5/38
	20	15	●/●	●/●	F	L	●	●	●	●	●	●	B	●	●	●	● [12]	●	●	□	□	1.26/32	1.5/38
	25	18.5	●/●	●/●	F	L	●	●	●	●	●	●	B	●	●	●	● [12]	●	●	□	□	1.26/32	1.5/38
	30 [12]	22	●/●	●/●	F	L	●	●	●	●	●	●	B	●	●	●	● [12]	●	●	□	□	1.26/32	1.5/38

60 Hz, 4-pole					Pressure rating and flange type			Feature options						NB pumps			NK pumps				NK options				
			NBE/NKE		Flange mounting [8]		Flange standard	NSF Approvals						Material code			Bearing bracket design	Material code			Bearing bracket design				
																					Heavy duty (HD)				
																					Re-grease [11]				
Pump type	P2 [hp]	P2 [kW]	No sensor, MLE/CUE	With integrated sensor, MLE/CUE	Class 125 (Cast iron)	Class 300 (Ductile iron)	ANSI	NSF 50 (Swimming pool water)	NSF 61 (Drinking water approval)	Coating	With wear ring	Special motors [9]	Mounting design [10]	S2,S3,S4, S5,S8,S9,T2	SA,SB,SC,SD,SG,SH,TA	Standard	Heavy duty (HD)	S3,S4, S5,S8,S9,SK,SL,T2,T3	SB,SC,SD,SG,SH,SI,SJ,TA,TB	SPM fittings	Pt100 sensors	d5 [inch/mm]	Shaft seal diameter [inch/mm]
025-070	1	0.75	-/-	-/-	F	L	•	•	•	•	•	•	B	•	•	•	-	•	•	□	□	0.63/16	0.79/20
	1.5	1.1	•/•	•/•	F	L	•	•	•	•	•	•	B	•	•	•	-	•	•	□	□	0.63/16	0.79/20
	2	1.5	•/•	•/•	F	L	•	•	•	•	•	•	B	•	•	•	-	•	•	□	□	0.63/16	0.79/20
	3	2.2	•/•	•/•	F	L	•	•	•	•	•	•	C	•	•	•	-	•	•	□	□	0.63/16	0.79/20
	5	3.7	•/•	•/•	F	L	•	•	•	•	•	•	C	•	•	•	-	•	•	□	□	0.63/16	0.79/20
025-095	3	2.2	•/•	•/•	F	L	•	•	•	•	•	•	B	•	•	•	-	•	•	□	□	0.94/24	1.1/28
	5	3.7	•/•	•/•	F	L	•	•	•	•	•	•	B	•	•	•	-	•	•	□	□	0.94/24	1.1/28
	7.5	5.5	•/•	•/•	F	L	•	•	•	•	•	•	B	•	•	•	-	•	•	□	□	0.94/24	1.1/28
	10	7.5	•/•	•/•	F	L	•	•	•	•	•	•	B	•	•	•	-	•	•	□	□	0.94/24	1.1/28
025-110	7.5	5.5	•/•	•/•	F	L	•	•	•	•	•	•	B	•	•	•	-	•	•	□	□	1.26/32	1.5/38
	10	7.5	•/•	•/•	F	L	•	•	•	•	•	•	B	•	•	•	-	•	•	□	□	1.26/32	1.5/38
	15	11	•/•	•/•	F	L	•	•	•	•	•	•	B	•	•	•	-	•	•	□	□	1.26/32	1.5/38
	20 [12]	15	•/•	•/•	F	L	•	•	•	•	•	•	B	•	•	•	-	•	•	□	□	1.26/32	1.5/38
030-070	1.5	1.1	•/•	•/•	F	L	•	•	•	•	•	•	B	•	•	•	-	•	•	□	□	0.63/16	0.79/20
	2	1.5	•/•	•/•	F	L	•	•	•	•	•	•	B	•	•	•	-	•	•	□	□	0.63/16	0.79/20
	3	2.2	•/•	•/•	F	L	•	•	•	•	•	•	C	•	•	•	-	•	•	□	□	0.63/16	0.79/20
	5	3.7	•/•	•/•	F	L	•	•	•	•	•	•	C	•	•	•	-	•	•	□	□	0.63/16	0.79/20
030-095	5	3.7	•/•	•/•	F	L	•	•	•	•	•	•	B	•	•	•	-	•	•	□	□	0.94/24	1.1/28
	7.5	5.5	•/•	•/•	F	L	•	•	•	•	•	•	B	•	•	•	-	•	•	□	□	0.94/24	1.1/28
	10	7.5	•/•	•/•	F	L	•	•	•	•	•	•	B	•	•	•	-	•	•	□	□	0.94/24	1.1/28
	15	11	•/•	•/•	F	L	•	•	•	•	•	•	B	•	•	•	-	•	•	□	□	0.94/24	1.1/28
	20 [12]	15	•/•	•/•	F	L	•	•	•	•	•	•	B	•	•	•	-	•	•	□	□	0.94/24	1.1/28
030-110	10	7.5	•/•	•/•	F	L	•	•	•	•	•	•	B	•	•	•	-	•	•	□	□	1.26/32	1.5/38
	15	11	•/•	•/•	F	L	•	•	•	•	•	•	B	•	•	•	-	•	•	□	□	1.26/32	1.5/38
	20	15	•/•	•/•	F	L	•	•	•	•	•	•	B	•	•	•	• [12]	•	•	□	□	1.26/32	1.5/38
030-135	15	11	•/•	•/•	F	L	•	•	•	•	•	•	B	•	•	•	-	•	•	□	□	1.26/32	1.5/38
	20	15	•/•	•/•	F	L	•	•	•	•	•	•	B	•	•	•	-	•	•	□	□	1.26/32	1.5/38
	25	18.5	•/•	•/•	F	L	•	•	•	•	•	•	B	•	•	•	-	•	•	□	□	1.26/32	1.5/38
	30	22	•/•	•/•	F	L	•	•	•	•	•	•	B	•	•	•	-	•	•	□	□	1.26/32	1.5/38
	40	30	-/•	-/•	F	L	•	•	•	•	•	•	B	•	•	•	-	•	•	□	□	1.26/32	1.5/38
	50	37	-/•	-/•	F	L	•	•	•	•	•	•	B	•	•	•	-	•	•	□	□	1.26/32	1.5/38
040-070	1.5 [12]	1.1	•/-	•/-	F	L	•	•	•	•	•	•	B	•	•	•	-	•	•	□	□	0.94/24	1.1/28
	2	1.5	•/•	•/•	F	L	•	•	•	•	•	•	B	•	•	•	-	•	•	□	□	0.94/24	1.1/28
	3	2.2	•/•	•/•	F	L	•	•	•	•	•	•	B	•	•	•	-	•	•	□	□	0.94/24	1.1/28
	5	3.7	•/•	•/•	F	L	•	•	•	•	•	•	B	•	•	•	-	•	•	□	□	0.94/24	1.1/28
	7.5	5.5	•/•	•/•	F	L	•	•	•	•	•	•	B	•	•	•	-	•	•	□	□	0.94/24	1.1/28
	10 [12]	7.5	•/•	•/•	F	L	•	•	•	•	•	•	B	•	•	•	-	•	•	□	□	0.94/24	1.1/28
040-095	7.5	5.5	•/•	•/•	F	L	•	•	•	•	•	•	B	•	•	•	-	•	•	□	□	0.94/24	1.1/28
	10	7.5	•/•	•/•	F	L	•	•	•	•	•	•	B	•	•	•	-	•	•	□	□	0.94/24	1.1/28
	15	11	•/•	•/•	F	L	•	•	•	•	•	•	B	•	•	•	-	•	•	□	□	0.94/24	1.1/28
	20	15	•/•	•/•	F	L	•	•	•	•	•	•	B	•	•	•	-	•	•	□	□	0.94/24	1.1/28

60 Hz, 4-pole					Pressure rating and flange type			Feature options						NB pumps			NK pumps				NK options				
			NBE/NKE		Flange mounting [8]		Flange standard	NSF Approvals							Material code		Bearing bracket design	Material code			Bearing bracket design				
																					Heavy duty (HD)				
																					Re-grease [11]				
Pump type	P2 [hp]	P2 [kW]	No sensor, MLE/CUE	With integrated sensor, MLE/CUE	Class 125 (Cast iron)	Class 300 (Ductile iron)	ANSI	NSF 50 (Swimming pool water)	NSF 61 (Drinking water approval)	Coating	With wear ring	Special motors [9]	Mounting design [10]	S2,S3,S4, S5,S8,S9,T2	SA,SB,SC,SD,SG,SH,TA	Standard	Heavy duty (HD)	S3,S4, S5,S8,S9,SK,SL,T2,T3	SB,SC,SD,SG,SH,SI,SJ,TA,TB	SPM fittings	Pt100 sensors	d5 [inch/mm]	Shaft seal diameter [inch/mm]
040-110	15	11	●/●	●/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32	1.5/38
	20	15	●/●	●/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32	1.5/38
	25	18.5	●/●	●/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32	1.5/38
	30	22	●/●	●/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32	1.5/38
040-135	15 [12]	11	●/-	●/-	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32	1.5/38
	20	15	●/●	●/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32	1.5/38
	25	18.5	●/●	●/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32	1.5/38
	30	22	●/●	●/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32	1.5/38
	40	30	-/●	-/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32	1.5/38
	50	37	-/●	-/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32	1.5/38
040-150 [13]	50	37	-/●	-/●	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●	□	□	1.65/42	1.89/48
	60	45	-/●	-/●	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●	□	□	1.65/42	1.89/48
	75	55	-/●	-/●	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●	□	□	1.65/42	1.89/48
	100	75	-/-	-/-	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●	□	□	1.65/42	1.89/48
	125	90	-/-	-/-	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●	□	□	1.65/42	1.89/48
	150	110	-/-	-/-	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●	□	□	1.65/42	1.89/48
050-070	3	2.2	●/●	●/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	5	3.7	●/●	●/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	7.5	5.5	●/●	●/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	10	7.5	●/●	●/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	0.94/24	1.1/28
050-095	10	7.5	●/●	●/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32S	1.5/38
	15	11	●/●	●/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32S	1.5/38
	20	15	●/●	●/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32S	1.5/38
	25	18.5	●/●	●/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32S	1.5/38
	30	22	●/●	●/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32S	1.5/38
050-110	15 [12]	11	●/-	●/-	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32	1.5/38
	20	15	●/●	●/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32	1.5/38
	25	18.5	●/●	●/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32	1.5/38
	30	22	●/●	●/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32	1.5/38
	40	30	-/●	-/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32	1.5/38
	50	37	-/●	-/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32	1.5/38
050-135	25	18.5	-/●	-/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.65/42	1.89/48
	30	22	-/●	-/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.65/42	1.89/48
	40	30	-/●	-/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.65/42	1.89/48
	50	37	-/●	-/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.65/42	1.89/48
	60	45	-/●	-/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.65/42	1.89/48
	75	55	-/●	-/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.65/42	1.89/48
050-150	75	55	-/-	-/-	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●	□	□	1.65/42	1.89/48
	100	75	-/-	-/-	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●	□	□	1.65/42	1.89/48
	125	90	-/-	-/-	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●	□	□	1.65/42	1.89/48
	150	110	-/-	-/-	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●	□	□	1.65/42	1.89/48
	200	150	-/-	-/-	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●	□	□	1.65/42	1.89/48

60 Hz, 4-pole					Pressure rating and flange type			Feature options					NB pumps			NK pumps				NK options			
			NBE/NKE		Flange mounting [8]		Flange standard	NSF Approvals						Material code		Bearing bracket design	Material code		Bearing bracket design				
Pump type	P2 [hp]	P2 [kW]	No sensor, MLE/CUE	With integrated sensor, MLE/CUE	Class 125 (Cast iron)	Class 300 (Ductile iron)	ANSI	NSF 50 (Swimming pool water)	NSF 61 (Drinking water approval)	Coating	With wear ring	Special motors [9]	Mounting design [10]	S2,S3,S4, S5,S8,S9,T2	SA,SB,SC,SD,SG,SH,TA	Standard	Heavy duty (HD)	S3,S4, S5,S8,S9,SK,SL,T2,T3	SB,SC,SD,SG,SH,SI,SJ,TA,TB	Heavy duty (HD)	Re-grease [11]		d5 [inch/mm]	Shaft seal diameter [inch/mm]
																					SPM fittings	Pt100 sensors		
060-095	15	11	●/-	●/-	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●		□	□	1.26/32S	1.5/38
	20	15	●/●	●/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●		□	□	1.26/32S	1.5/38
	25	18.5	●/●	●/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●		□	□	1.26/32S	1.5/38
	30	22	●/●	●/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●		□	□	1.26/32S	1.5/38
	40	30	-/●	-/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●		□	□	1.26/32S	1.5/38
	50	37	-/●	-/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●		□	□	1.26/32S	1.5/38
060-110	25 [12]	18.5	●/-	●/-	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●		□	□	1.65/42	1.89/48
	30	22	●/●	●/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●		□	□	1.65/42	1.89/48
	40	30	-/●	-/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●		□	□	1.65/42	1.89/48
	50	37	-/●	-/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●		□	□	1.65/42	1.89/48
	60	45	-/●	-/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●		□	□	1.65/42	1.89/48
	75	55	-/●	-/●	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●		□	□	1.65/42	1.89/48
060-135	40	30	-/-	-/-	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●		□	□	1.65/42	1.89/48
	50	37	-/-	-/-	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●		□	□	1.65/42	1.89/48
	60	45	-/-	-/-	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●		□	□	1.65/42	1.89/48
	75	55	-/-	-/-	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●		□	□	1.65/42	1.89/48
	100	75	-/-	-/-	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●		□	□	1.65/42	1.89/48
	125	90	-/-	-/-	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●		□	□	1.65/42	1.89/48
060-150	125	90	-/-	-/-	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●		□	□	1.89/48	2.17/55
	150	110	-/-	-/-	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●		□	□	1.89/48	2.17/55
	200	150	-/-	-/-	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●		□	□	1.89/48	2.17/55
	250	185	-/-	-/-	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●		□	□	1.89/48	2.17/55
080-135	60	45	-/●	-/●	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●		□	□	1.65/42	1.89/48
	75	55	-/●	-/●	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●		□	□	1.65/42	1.89/48
	100	75	-/-	-/-	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●		□	□	1.65/42	1.89/48
	125	90	-/-	-/-	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●		□	□	1.65/42	1.89/48
	150	110	-/-	-/-	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●		□	□	1.65/42	1.89/48
	200	150	-/-	-/-	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●		□	□	1.65/42	1.89/48
080-150	125	90	-/-	-/-	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●		□	□	1.89/48	2.17/55
	150	110	-/-	-/-	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●		□	□	1.89/48	2.17/55
	200	150	-/-	-/-	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●		□	□	1.89/48	2.17/55
	250	185	-/-	-/-	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●		□	□	1.89/48	2.17/55
100-150	150	110	-/-	-/-	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●		□	□	1.89/48	2.17/55
	200	150	-/-	-/-	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●		□	□	1.89/48	2.17/55
	250	185	-/-	-/-	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●		□	□	1.89/48	2.17/55

8) F = Fixed flange; L = Loose flange;

9) Special motor brand; Special voltage; Insulated bearings for VFD operation

10) For information about mounting designs, see section Mounting design.

11) □ = Optional; ■ = Standard

12) Only for E-pumps

13) No NBE/NBE Series 2000 model

Related information

Mounting design

NB, NK, 6-pole

60 Hz, 6-pole			Pressure rating and flange type			Feature options					NB pumps			NK pumps				NK options				
			Flange mounting [14]		Flange standard	NSF Approvals						Material code		Bearing bracket design		Material code		Bearing bracket design				
																		Heavy duty (HD)				
																		Re-grease [17]				
Pump type	P2 [hp]	P2 [kW]	Class 125 (Cast iron)	Class 300 (Ductile iron)	ANSI	NSF 50 (Swimming pool water)	NSF 61 (Drinking water approval)	Coating	With wear ring	Special motors [15]	Mounting design [16]	S2,S3,S4, S5,S8,S9,T2	SA,SB,SC,SD,SG,SH,TA	Standard	Heavy duty (HD)	S3,S4, S5,S8,S9,SK,SL,T2,T3	SB,SC,SD,SG,SH,SI,SJ,TA,TB	SPM fittings	Pt100 sensors	d5 [inch/mm]	Shaft seal diameter [inch/mm]
025-095	1	0.75	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	1.5	1.1	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	2	1.5	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	3	2.2	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	0.94/24	1.1/28
025-110	2	1.5	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32	1.5/38
	3	2.2	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32	1.5/38
	5	3.7	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32	1.5/38
030-095	1.5	1.1	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	2	1.5	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	3	2.2	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	5	3.7	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	0.94/24	1.1/28
030-110	3	2.2	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32	1.5/38
	5	3.7	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32	1.5/38
	7.5	5.5	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32	1.5/38
030-135	5	3.7	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32	1.5/38
	7.5	5.5	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32	1.5/38
	10	7.5	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32	1.5/38
	15	11	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32	1.5/38
040-070	1	0.75	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	1.5	1.1	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	2	1.5	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	0.94/24	1.1/28
040-095	2	1.5	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	3	2.2	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	5	3.7	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	7.5	5.5	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	0.94/24	1.1/28
040-110	3	2.2	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32	1.5/38
	5	3.7	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32	1.5/38
	7.5	5.5	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32	1.5/38
	10	7.5	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32	1.5/38
040-135	5	3.7	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32	1.5/38
	7.5	5.5	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32	1.5/38
	10	7.5	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32	1.5/38
	15	11	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32	1.5/38
040-150	15	11	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●	□	□	1.65/42	1.89/48
	20	15	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●	□	□	1.65/42	1.89/48
	25	18.5	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●	□	□	1.65/42	1.89/48
	30	22	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●	□	□	1.65/42	1.89/48
	40	30	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●	□	□	1.65/42	1.89/48

60 Hz, 6-pole			Pressure rating and flange type			Feature options						NB pumps			NK pumps				NK options				
			Flange mounting [14]		Flange standard	NSF Approvals							Material code		Bearing bracket design		Material code		Bearing bracket design				
																			Heavy duty (HD)				
																			Re-grease [17]				
Pump type	P2 [hp]	P2 [kW]	Class 125 (Cast iron)	Class 300 (Ductile iron)	ANSI	NSF 50 (Swimming pool water)	NSF 61 (Drinking water approval)	Coating	With wear ring	Special motors [15]	Mounting design [16]	S2,S3,S4, S5,S8,S9,T2	SA,SB,SC,SD,SG,SH,TA	Standard	Heavy duty (HD)	S3,S4, S5,S8,S9,SK,SL,T2,T3	SB,SC,SD,SG,SH,SI,SJ,TA,TB	SPM fittings	Pt100 sensors	d5 [inch/mm]	Shaft seal diameter [inch/mm]
050-070	1	0.75	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	1.5	1.1	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	2	1.5	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	0.94/24	1.1/28
	3	2.2	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	0.94/24	1.1/28
050-095	3	2.2	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32S	1.5/38
	5	3.7	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32S	1.5/38
	7.5	5.5	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32S	1.5/38
	10	7.5	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32S	1.5/38
050-110	5	3.7	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32	1.5/38
	7.5	5.5	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32	1.5/38
	10	7.5	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32	1.5/38
	15	11	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32	1.5/38
050-135	10	7.5	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.65/42	1.89/48
	15	11	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.65/42	1.89/48
	20	15	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.65/42	1.89/48
050-150	25	18.5	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●	□	□	1.65/42	1.89/48
	30	22	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●	□	□	1.65/42	1.89/48
	40	30	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●	□	□	1.65/42	1.89/48
	50	37	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●	□	□	1.65/42	1.89/48
	60	45	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●	□	□	1.65/42	1.89/48
060-095	5	3.7	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32S	1.5/38
	7.5	5.5	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32S	1.5/38
	10	7.5	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32S	1.5/38
	15	11	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.26/32S	1.5/38
060-110	7.5	5.5	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.65/42	1.89/48
	10	7.5	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.65/42	1.89/48
	15	11	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.65/42	1.89/48
	20	15	F	L	●	●	●	●	●	●	B	●	●	●	-	●	●	□	□	1.65/42	1.89/48
060-135	10	7.5	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●	□	□	1.65/42	1.89/48
	15	11	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●	□	□	1.65/42	1.89/48
	20	15	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●	□	□	1.65/42	1.89/48
	25	18.5	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●	□	□	1.65/42	1.89/48
	30	22	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●	□	□	1.65/42	1.89/48
060-150	40	30	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●	□	□	1.65/42	1.89/48
	50	37	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●	□	□	1.65/42	1.89/48
	60	45	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●	□	□	1.65/42	1.89/48
	75	55	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●	□	□	1.65/42	1.89/48
	100	75	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●	□	□	1.65/42	1.89/48

60 Hz, 6-pole			Pressure rating and flange type			Feature options					NB pumps			NK pumps				NK options			
			Flange mounting [14]		Flange standard	NSF Approvals						Material code		Bearing bracket design		Material code		Bearing bracket design			
																		Heavy duty (HD)			
																		Re-grease [17]			
Pump type	P2 [hp]	P2 [kW]	Class 125 (Cast iron)	Class 300 (Ductile iron)	ANSI	NSF 50 (Swimming pool water)	NSF 61 (Drinking water approval)	Coating	With wear ring	Special motors [15]	Mounting design [16]	S2,S3,S4, S5,S8,S9,T2	SA,SB,SC,SD,SG,SH,TA	Standard	Heavy duty (HD)	S3,S4, S5,S8,S9,SK,SL,T2,T3	SB,SC,SD,SG,SH,SI,SJ,TA,TB	SPM fittings	Pt100 sensors	d5 [inch/mm]	Shaft seal diameter [inch/mm]
080-135	15	11	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●	□	□	1.65/42	1.89/48
	20	15	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●	□	□	1.65/42	1.89/48
	25	18.5	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●	□	□	1.65/42	1.89/48
	30	22	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●	□	□	1.65/42	1.89/48
	40	30	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●	□	□	1.65/42	1.89/48
	50	37	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●	□	□	1.65/42	1.89/48
080-150	40	30	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●	□	□	1.65/42	1.89/48
	50	37	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●	□	□	1.65/42	1.89/48
	60	45	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●	□	□	1.65/42	1.89/48
	75	55	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●	□	□	1.65/42	1.89/48
100-150	50	37	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●	□	□	1.65/42	1.89/48
	60	45	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●	□	□	1.65/42	1.89/48
	75	55	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●	□	□	1.65/42	1.89/48
	100	75	F	L	●	●	●	●	●	●	-	-	-	●	-	●	●	□	□	1.65/42	1.89/48

14) F = Fixed flange; L = Loose flange;

15) Special motor brand; Special voltage; Insulated bearings for VFD operation

16) For information about mounting designs, see section Mounting design.

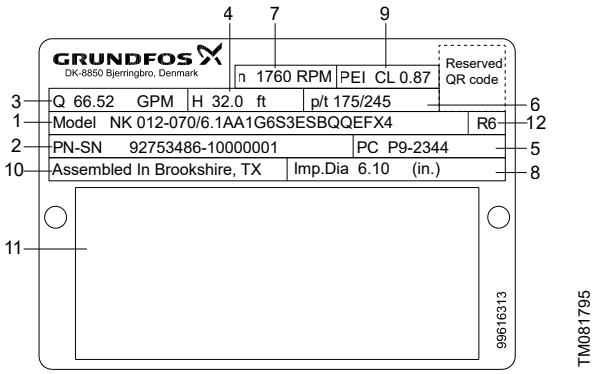
17) □ = Optional; ■ = Standard

Related information

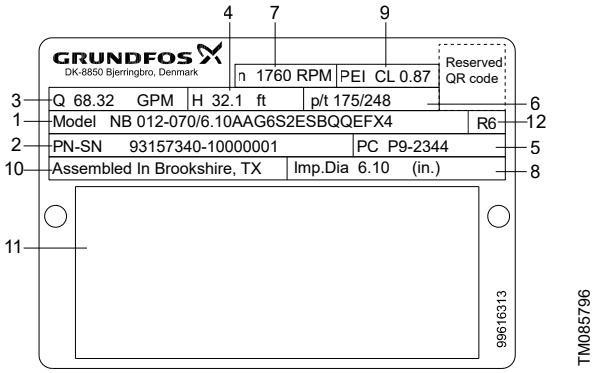
Mounting design

5. Identification

Nameplate



Example of NK nameplate



Example of NB nameplate

Pos.	Description
1	Type designation
2	Product number and production serial number
3	Flow
4	Head
5	Production code
6	Pressure and temperature
7	Pump speed
8	Impeller diameter
9	PEI CL: Pump Energy Index, constant load
	PEI VL: Pump Energy Index, variable load
10	Place of production
11	Field for approval marks and associated texts
12	Range identification (service range code)

Type key, NB, NBE

Example 1: NB 025-095/8.43AAG6S3ESBQQELX4
Example 2: NB 030-110/1094-1063AAG6S2ESBQQEOX4
Example 3: NBE 040-070/4.96ASAG6S2ESBQQEHCA

Pos.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Example 1	NB	025	-095	/8.43		A		A	G	6	S3	E	S	BQQE	L	X	4
Example 2	NB	030	-110	/1094-1063		A		A	G	6	S2	E	S	BQQE	O	X	4
Example 3	NBE	040	-070	/4.96		A	S	A	G	6	S2	E	S	BQQE	H	C	A

Pos.	Explanation
1	Type range
2	Nominal diameter of outlet port (DN)
3	Nominal impeller diameter [inch]
4	Actual impeller diameter [inch]
5	**Impeller type** 'blank': Closed impeller, cylindrical trim. If one dimension is shown the impeller has a cylindrical trim, for example 8.43 'blank': Closed impeller, conical trim. If two dimensions are shown the impeller has a conical trim, for example 1091-1063 S: Special open impeller V: Super vortex impeller
6	**Hydraulic version** A: 1st version B: 2nd version C: 3rd version D: 4th version
7	**Sensor/motor version** 'blank': Pump without sensor C: Without built-in sensor, one cable and one pressure sensor are supplied with the pump S: Pump with built-in differential-pressure sensor, Series 2000 G: Non -E pump/ -E pump with semi-integrated VFD/CUE: Motor with Grounding ring H: Non -E pump/ -E pump with semi-integrated VFD/CUE: Motor with hybrid bearing (HYB): Non drive-end I: Non -E pump/ -E pump with semi-integrated VFD/CUE: Motor with insulated bearing: Non drive-end
8	**Code for pump version; the codes may be combined** A: Basic version B: Oversize motor C: Without motor (+E): With ATEX approval, certificate or test report, the second character of the code for pump version is an E F: Design with base frame (+S): With support rails, the second character of the pump version code is an S X: Special version; used in case of further customization than already listed
9	**Pipe connection** G: ANSI flange
10	**Flange pressure rating (PN - rated pressure)** 5: Other pressure rating 6: Class 125, 175 PSI 7: Class 300, 363 PSI

Pos.	Explanation				
11	**Code for materials**				
	Code	**Pump housing**	**Impeller**	**Wear ring**	**Shaft**
	S2	A48 Class 35	304	No wear ring	420
	S3	A48 Class 35	304	No wear ring	304
	S4	A48 Class 35	304	No wear ring	316
	S5	A48 Class 35	304	No wear ring	SAF 2205
	S8	A48 Class 35	316	No wear ring	316
	S9	A48 Class 35	316	No wear ring	SAF 2205
	SA	70-50-05	304	No wear ring	420
	SB	70-50-05	304	No wear ring	304
	SC	70-50-05	304	No wear ring	316
	SD	70-50-05	304	No wear ring	SAF 2205
	SG	70-50-05	316	No wear ring	316
	SH	70-50-05	316	No wear ring	SAF 2205
	T2	A48 Class 35	CD4MCuN/A890	No wear ring	SAF 2205
	TA	70-50-05	CD4MCuN/A890	No wear ring	SAF 2205
	X	Special version			
12	**Rubber parts in pump** E: EPDM F: FXM (Fluoraz®) K: FFKM (Kalrez®) M: FEPS (PTFE-sheathed silicone O-ring) O: HNBR V: FKM (Viton®)				
13	**Shaft seal arrangement** S: Single seal				
14	**Shaft seal in pump** Letter code for mechanical shaft seal and shaft seal rubber parts. See Letter codes for shaft seals.				
15	Code for rated motor power [kW]. See Codes for rated motor power.				
16	Code for DOE identification. See Code for DOE identification.				
17	Code for speed variant [rpm]. See Codes for speed variant.				

Example 1: NB 025-095/8.43AAG6S3ESBQQELX4 shows an NB 025-095 pump with these characteristics:

- 8.43 inch closed impeller, cylindrical trim
- hydraulic version A
- pump without sensor
- basic version
- ANSI flange to ASME/ANSI B16.1
- Class 125, 175 PSI
- pump housing, A48 Class 35
- impeller, 304
- no wear ring
- shaft, 304
- EPDM O-rings
- single shaft seal arrangement
- BQQE shaft seal
- 7.5 hp motor, US DOE regulated motor, 4-pole, 60 Hz.

Example 2: NB 030-110/1094-1063AAG6S2ESBQQEOX4 shows an NB 030-110 pump with these characteristics:

- 10.94 - 10.63 inch closed impeller, conical trim
- hydraulic version A
- pump without sensor
- with certificate/report
- basic version
- ANSI flange to ASME/ANSI B16.1
- Class 125, 175 PSI
- pump housing, A48 Class 35
- impeller, 304
- no wear ring
- shaft, 420
- EPDM O-rings
- single shaft seal arrangement
- BQQE shaft seal
- 20 hp motor, US DOE regulated motor, 4-pole, 60 Hz.

Example 3: NBE 040-070/4.96ASAG6S2ESBQQEHCA shows an NBE 040-070 pump with these characteristics:

- 4.96 inch closed impeller, cylindrical trim
- hydraulic version A
- pump with built-in sensor
- basic version
- ANSI flange to ASME/ANSI B16.1
- Class 125, 175 PSI
- pump housing, A48 Class 35
- impeller, 304
- no wear ring
- shaft, 420
- EPDM O-rings
- single shaft seal arrangement
- BQQE shaft seal
- 2 hp motor, MLE 3 x 440-480 V, 1450-2200 RPM.

Type key, NK, NKE

Example 1: NK 025-095/8.43AA1G6S3ESBQQELX4
Example 2: NK 030-110/1094-1063AA1G6S3ESBQQEOX4
Example 3: NKE 040-070/4.96ASA1G6S3ESBQQEHCA

Pos.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Example 1	NK	025	-095	/8.43		A		A1	G	6	S3	E	S	BQQE	L	X	4
Example 2	NK	030	-110	/1094-1063		A		A1	G	6	S3	E	S	BQQE	O	X	4
Example 3	NKE	040	-070	/4.96		A	S	A1	G	6	S3	E	S	BQQE	H	C	A

Pos.	Explanation
1	Type range
2	Nominal diameter of outlet port (DN)
3	Nominal impeller diameter [inch]
4	Actual impeller diameter [inch]
5	**Impeller type** 'blank': Closed impeller, cylindrical trim. If one dimension is shown the impeller has a cylindrical trim, for example 16.77 'blank': Closed impeller, conical trim. If two dimensions are shown the impeller has a conical trim, for example 12.91-12.76 S: Special open impeller V: Super vortex impeller
6	**Hydraulic version** A: 1st version B: 2nd version C: 3rd version D: 4th version
7	**Sensor/motor version** 'blank': Pump without sensor C: Without built-in sensor, one cable and one pressure sensor are supplied with the pump. S: Pump with built-in differential-pressure sensor, Series 2000 G: Non -E pump/ -E pump with semi-integrated VFD/CUE: Motor with Grounding ring H: Non -E pump/ -E pump with semi-integrated VFD/CUE: Motor with hybrid bearing (HYB): Non drive-end I: Non -E pump/ -E pump with semi-integrated VFD/CUE: Motor with insulated bearing: Non drive-end
8	**Code for pump version; the codes may be combined** A1: Basic version, grease-lubricated standard bearing design, standard coupling A2: Basic version, grease-lubricated standard bearing design, spacer coupling B: Oversize motor (+E): With ATEX approval, certificate or test report, the second character of the pump version code is an E G1: Grease-lubricated heavy-duty bearing design, standard coupling G2: Grease-lubricated heavy-duty bearing design, spacer coupling I1: Pump without motor, grease-lubricated standard bearing design, standard coupling I2: Pump without motor, grease-lubricated standard bearing design, spacer coupling J1: Pump without motor, grease-lubricated heavy-duty bearing design, standard coupling J2: Pump without motor, grease-lubricated heavy-duty bearing design, spacer coupling Y1: Bare shaft pump, grease-lubricated standard bearing design W1: Bare shaft pump, grease-lubricated heavy-duty bearing design Z1: Bare shaft pump, oil-lubricated heavy-duty bearing design X: Special version; used in case of further customization than already listed
9	**Pipe connection** G: ANSI flange
10	**Flange pressure rating (PN - rated pressure)** 5: Other pressure rating 6: Class 125, 175 PSI 7: Class 300, 363 PSI

Pos.	Explanation				
11	**Code for materials**				
	Code	**Pump housing**	**Impeller**	**Wear ring**	**Shaft**
	S3	A48 Class 35	304	No wear ring	1.0503 shaft + 304 sleeve
	S4	A48 Class 35	304	No wear ring	316
	S5	A48 Class 35	304	No wear ring	SAF 2205
	S8	A48 Class 35	316	No wear ring	316
	S9	A48 Class 35	316	No wear ring	SAF 2205
	SB	70-50-05	304	No wear ring	1.0503 shaft + 304 sleeve
	SC	70-50-05	304	No wear ring	316
	SD	70-50-05	304	No wear ring	SAF 2205
	SG	70-50-05	316	No wear ring	316
	SH	70-50-05	316	No wear ring	SAF 2205
	SI	70-50-05	304	No wear ring	SAF 2507
	SJ	70-50-05	316	No wear ring	SAF 2507
	SK	A48 Class 35	304	No wear ring	SAF 2507
	SL	A48 Class 35	316	No wear ring	SAF 2507
	T2	A48 Class 35	CD4MCuN/A890	No wear ring	SAF 2205
	T3	A48 Class 35	CD4MCuN/A890	No wear ring	SAF2507
	TA	70-50-05	CD4MCuN/A890	No wear ring	SAF 2205
	TB	70-50-05	CD4MCuN/A890	No wear ring	SAF 2507
	X	Special version			
12	**Rubber parts in pump** E: EPDM F: FXM (Fluoraz®) K: FFKM (Kalrez®) M: FEPS (PTFE-sheathed silicone O-ring) O: HNBR V: FKM (Viton®)				
13	**Shaft seal arrangement** S: Single seal				
14	**Shaft seal(s) in pump** Letter for mechanical shaft seal and shaft seal rubber parts • 4 letters: Single mechanical shaft seal, such as BQQE				
15	Code for rated motor power [kW]. See Codes for rated motor power.				
16	Code for DOE identification. See Code for DOE identification.				
17	Code for speed variant [rpm]. See Codes for speed variant.				

Example 1: NK 025-095/8.43AA1G6S3ESBQQELX4 shows an NK 025-095 pump with these characteristics:

- 8.43 inch closed impeller, cylindrical trim
- hydraulic version A
- pump without sensor
- basic version, grease-lubricated standard bearing design
- standard coupling
- ANSI flange to ASME/ANSI B16.1
- Class 125, 175 PSI
- pump housing, A48 Class 35
- impeller, 304
- no wear ring
- shaft 1.0503 + 304 sleeve
- EPDM O-rings
- single shaft seal arrangement
- BQQE shaft seal
- 7.5 hp motor, US DOE regulated motor, 4-pole, 60 Hz.

Example 2: NK 030-110/1094-1063AA1G6S3ESBQQEOX4 shows an NK 030-110 pump with these characteristics:

- 10.94 - 10.63 inch closed impeller, conical trim
- hydraulic version A
- pump without sensor
- basic version, grease-lubricated standard bearing design
- standard coupling
- ANSI flange to ASME/ANSI B16.1
- Class 125, 175 PSI
- pump housing, A48 Class 35
- impeller, 304
- no wear ring
- shaft 1.0503 + 304 sleeve
- EPDM O-rings
- single shaft seal arrangement
- BQQE shaft seal
- 20 hp motor, US DOE regulated motor, 4-pole, 60 Hz.

Example 3: NKE 040-070/4.96ASA1G6S3ESBQQEHCA shows an NKE 040-070 pump with these characteristics:

- 4.96 inch closed impeller, cylindrical trim
- hydraulic version A
- pump with built-in sensor
- basic version, grease-lubricated standard bearing design
- standard coupling
- ANSI flange to ASME/ANSI B16.1
- Class 125, 175 PSI
- pump housing, A48 Class 35
- impeller, 304
- no wear ring
- shaft 1.0503 + 304 sleeve
- EPDM O-rings
- single shaft seal arrangement
- BQQE shaft seal
- 2 hp motor, MLE 3 x 440-480 V, 1450-2200 RPM.

Letter codes for shaft seals

Pos. 14 in NK type key example.

Pos. 14 in NB type key example.

Code	Description	Explanation
B	Shaft seal type	A: O-ring seal with fixed driver B: Rubber bellows seal D: O-ring seal, balanced H: Cartridge seal, balanced
Q	Material of rotating seal face	A: Carbon, metal-impregnated with antimony which is not approved for potable water B: Carbon, resin-impregnated Q: Silicon carbide
Q	Material of stationary seal	A: Carbon, metal-impregnated with antimony which is not approved for potable water Q: Silicon carbide
E	Material of secondary seal and other rubber and composite parts, except the wear ring	E: EPDM V: FKM (Viton®) F: FXM (Fluoraz®) K: FFKM (Kalrez®) X: HNBR U: Dynamic O-rings in FFKM and static O-rings in PTFE

Codes for rated motor power

Pos. 15 in NB type key example.

Pos. 15 in NK type key example.

Code	Description	
	[hp]	[kW]
A	0.16	0.12
B	0.25	0.18
C	0.33	0.25
D	0.5	0.37
E	0.75	0.55
F	1	0.75
G	1.5	1.1
H	2	1.5
I	3	2.2
J	4	3
K	5 (5.5 [18])	3.7 (4 [18])
L	7.5	5.5
M	10	7.5
N	15	11
O	20	15
P	25	18.5
Q	30	22
R	40	30
S	50	37
T	60	45
U	75	55
V	100	75
W	125	90
X	Bare shaft pump	
Y	> 200 [19]	> 150 [19]
1	150	110
2	175	132
3	200	150
4	215 [20]	160 [20]
5	250 [20]	185 [20]
6	-	26

[18] Value in bracket is for the standard IEC motor size. Value outside bracket is for the motor size according to NEMA standards.

[19] Used for pumps where the pump shaft input power exceeds 200 hp (150 kW) and is not regulated under the DOE pump rule.

[20] Special cases with power sizes above 200 hp (150 kW) which are still regulated under the DOE pump rule. For example: Pump has a P2 value of 198 hp (147.6 kW) in its duty point (in DOE scope) but customer wants the 215 hp (160 kW) motor instead of the 200 hp (150 kW). The pump is in scope of the DOE regulation and requires a PEI value and a motor code.

Code for DOE identification

Pos. 16 in NB type key example.

Pos. 16 in NK type key example.

Code	Description
A	DOE reported with E-motor (ECM [21]), 1 × 200-240 V
B	DOE reported with E-motor (ECM [21]), 3 × 200-240 V
C	DOE reported with E-motor (ECM [21]), 3 × 440-480 V
D	DOE reported with E-motor (ECM [21]), 3 × 380-500 V
E	DOE reported with E-motor (ECM [21]), 3 x 525-690 V
W	In DOE scope but not compliant with or not for sale in North America
X	DOE reported, sell as bare shaft pump or DOE regulated Motor (CC marked motor)
Y	Pumps not subject to the DOE regulation
Z	DOE reported with Asynchronous E-Motor

[21] ECM: Electronically Commutated Motor.

Codes for speed variant

Pos. 17 in NB type key example.

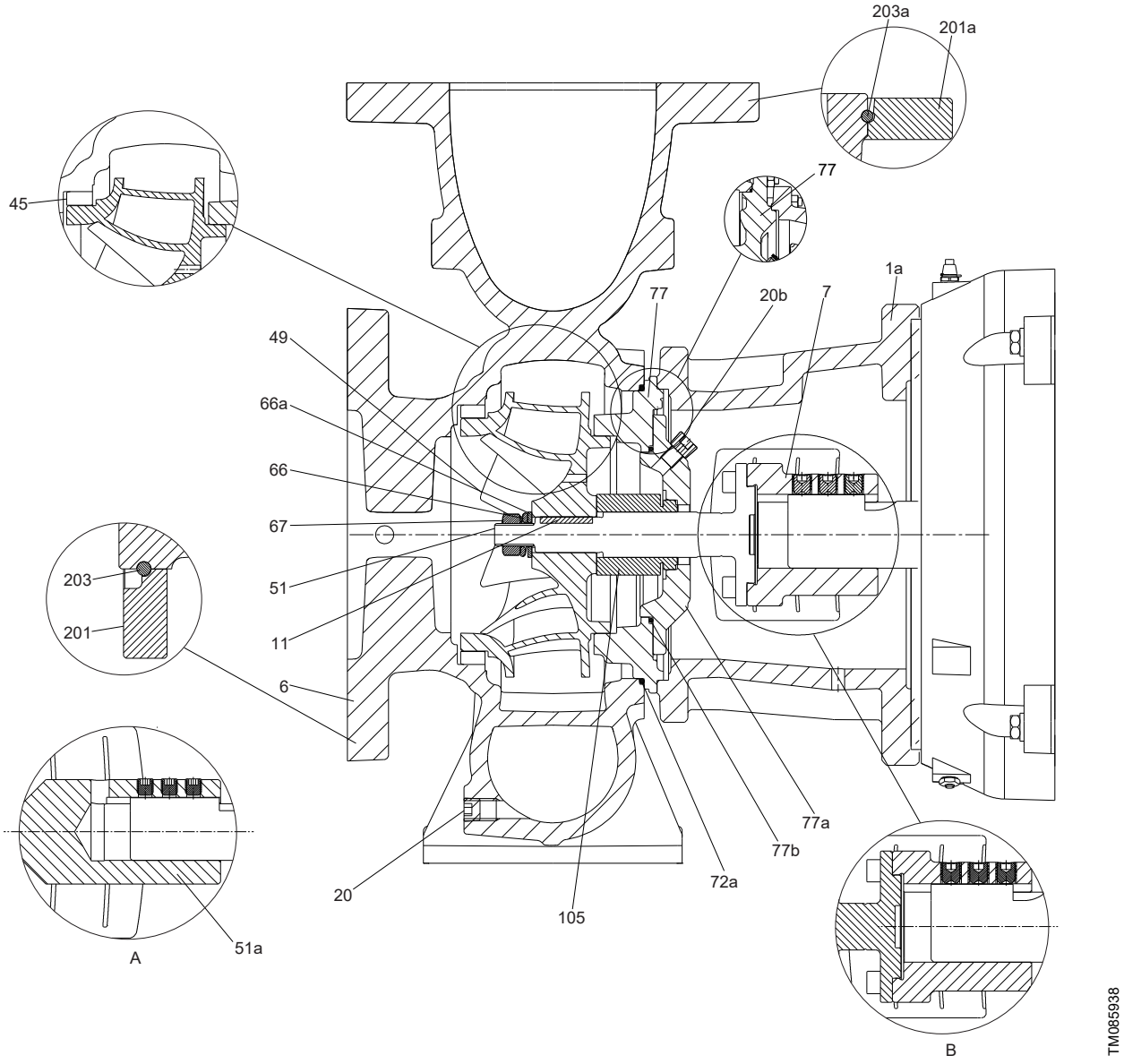
Pos. 17 in NK type key example.

Code	Description
A	1450-2200 RPM, E-motor (ECM [22])
B	2900-4000 RPM, E-motor (ECM [22])
C	4000-5900 RPM, E-motor (ECM [22])
D	1450-2200 RPM, CUE + WEG PM motor
E	2900-4000 RPM, CUE + WEG PM motor
1	2-pole, 50 Hz (Asynchronous motor)
2	2-pole, 60 Hz (Asynchronous motor)
3	4-pole, 50 Hz (Asynchronous motor)
4	4-pole, 60 Hz (Asynchronous motor)
5	6-pole, 50 Hz (Asynchronous motor)
6	6-pole, 60 Hz (Asynchronous motor)
7	8-pole, 50 Hz (Asynchronous motor)
8	8-pole, 60 Hz (Asynchronous motor)

[22] ECM: Electronically Commutated Motor.

6. Construction

NB, center-line outlet



Pos.	Description
A	Stub shaft
B	Two-part shaft

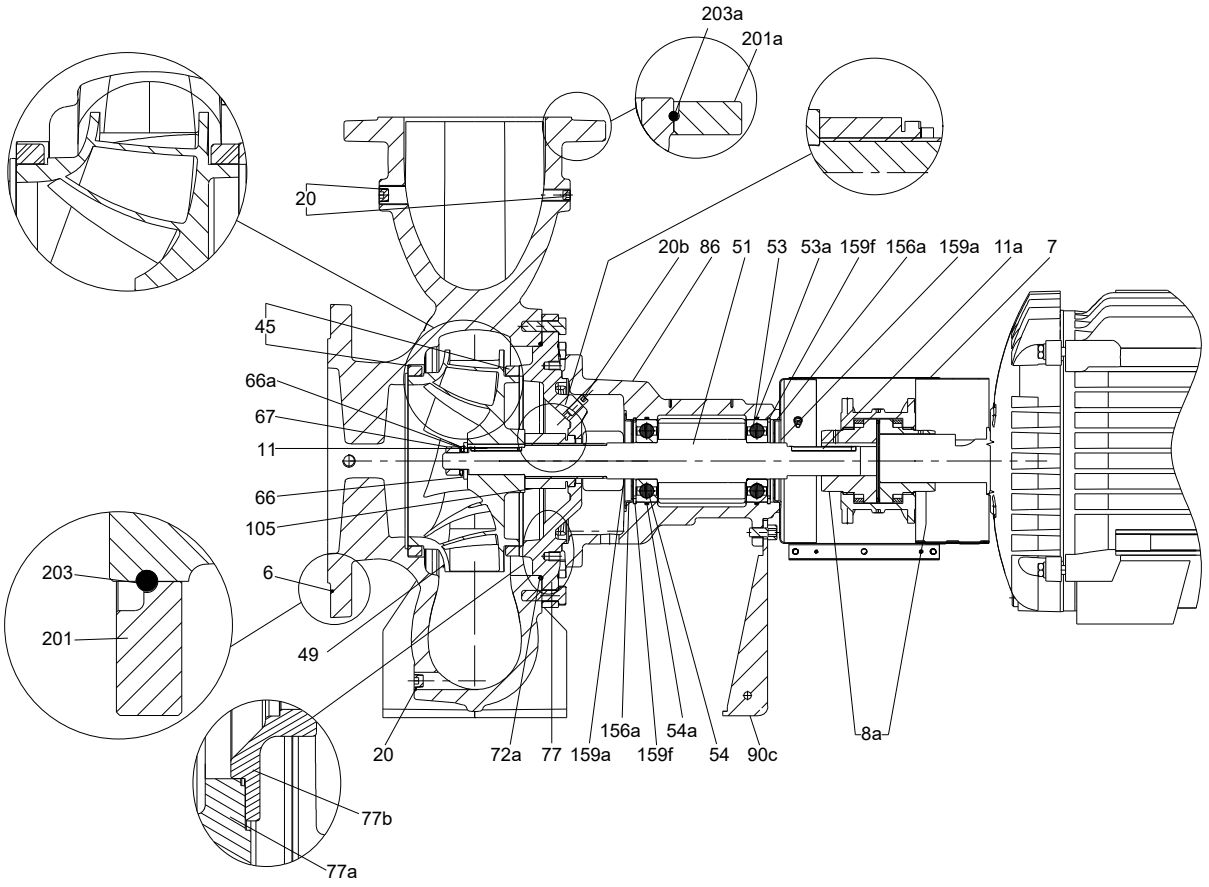
NB, material specification

Pos.	Description	Materials	Material code													
			S2	S3	S4	S5	S8	S9	SA	SB	SC	SD	SG	SH	T2	TA
1a	Motor stool	EN-GJL-250	●	●	●	●	●	●	●	●	●	●	●	●	●	●
6	Pump housing	EN-GJL-250	●	●	●	●	●	●	-	-	-	-	-	-	●	-
6	Pump housing	EN-GJS-500-7	-	-	-	-	-	-	●	●	●	●	●	●	-	●
7	Coupling guard	1.4016	●	●	●	●	●	●	●	●	●	●	●	●	●	●
11	Key	1.4301(A2)	●	●	●	-	-	-	●	●	●	-	-	-	-	-
11	Key	1.4401(A4)	-	-	-	-	●	-	-	-	-	-	●	-	-	-
11	Key	1.4462	-	-	-	●	-	●	-	-	-	●	-	●	●	●
20	Hexagon socket head plug	Class 5.8 carbon steel	●	●	●	●	●	●	●	●	●	●	●	●	●	●
20b	Hexagon socket head plug	Class 5.8 carbon steel	●	●	●	●	●	●	●	●	●	●	●	●	●	●
45	Wear ring	CuZn37Pb	-	-	-	-	-	-		-	-	-	-	-	-	-
49	Impeller	1.4308/CF8	●	●	●	●	-	-	●	●	●	●	-	-	-	-
49	Impeller	1.4408/CF8M	-	-	-	-	●	●	-	-	-	-	●	●	-	-
49	Impeller	1.4517/ASTM A890 CD4MCuN	-	-	-	-	-	-	-	-	-	-	-	-	●	●
51/51a	Shaft	1.4301/AISI 304 [23] + carbon steel	-	●	-	-	-	-	-	●	-	-	-	-	-	-
		1.4401/AISI 316 [23] + carbon steel	-	-	●	-	●	-	-	-	●	-	●	-	-	-
		1.4462/ASTM J92205/ SAF2205 [23] + carbon steel	-	-	-	●	-	●	-	-	-	●	-	●	●	●
		1.4021/1.4034/420	●	-	-	-	-	-	●	-		-	-	-	-	-
66	Washer	1.4301/AISI 304	●	●	●	-	-	-	●	●	●	-	-	-	-	-
66	Washer	1.4401/AISI 316	-	-	-	-	●	-	-	-	-	-	●	-	-	-
66	Washer	1.4539/AISI 904L	-	-	-	●	-	●		-	-	●	-	●	●	●
66a	Spring lock washer	1.4301/AISI 304	●	●	●	-	-	-	●	●	●	-	-	-	-	-
66a	Spring lock washer	1.4401/AISI 316	-	-	-	-	●	-	-	-	-	-	●	-	-	-
66a	Spring lock washer	1.4539/AISI 904L	-	-	-	●	-	●	-	-	-	●	-	●	●	●
67	Impeller nut	1.4301/AISI 304	●	●	●	-	-	-	●	●	●	-	-	-	-	-
67	Impeller nut	1.4401/AISI 316	-	-	-	-	●	-	-	-	-	-	●	-	-	-
67	Impeller nut	1.4539/AISI 904L	-	-	-	●	-	●	-	-	-	●	-	●	●	●
72a	O-ring	EPDM/FKM/EPDM-NSF [24]	●	●	●	●	●	●	●	●	●	●	●	●	●	●
77	Cover	EN-GJL-250	●	●	●	●	●	●	-	-	-	-	-	-	●	-
77	Split cover	EN-GJS-500-7	-	-	-	-	-	-	●	●	●	●	●	●	-	●
77a	Seal cover	1.4517/CD4MCuN	-	-	-	-	-	-	●	●	●	●	●	●	-	●
77b	O-ring	EPDM/FKM	-	-	-	-	-	-	●	●	●	●	●	●	-	●
105	Shaft seal	Burgmann 1.4401/AISI 316	●	●	●	●	●	●	●	●	●	●	●	●	●	●
		Burgmann 2.4610/ Hastelloy C-4	-	-	-	-	-	-	-	-	-	Opt.	Opt.	Opt.	Opt.	Opt.
201	Loose flange, inlet	GGG50/1.4408/ASTM CF8M	-	-	-	-	-	-	●	●	●	●	●	●	-	●
201a	Loose flange, outlet	GGG50/1.4408/ASTM CF8M	-	-	-	-	-	-	●	●	●	●	●	●	-	●
203	Retainer, inlet	1.4310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
203a	Retainer, outlet	1.4310	-	-	-	-	-	-	-	-	-	-	-	-	-	-

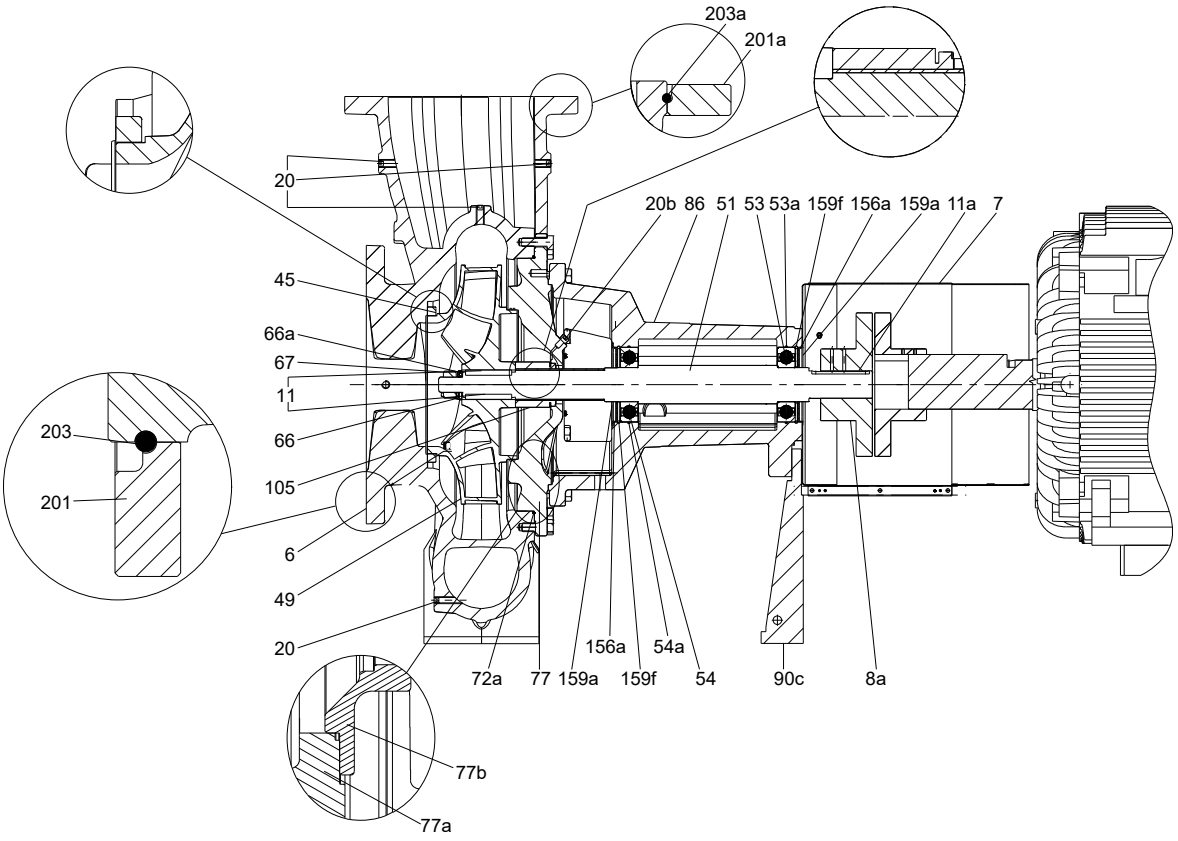
23) At wetted area, up to different models can be stub shaft or two-part shaft per design needs.

24) Depending on customer order

NK, center-line outlet



NK, tangential outlet



NK, material specification

Pos.	Description	Materials	Material code																
			S3	S4	S5	S8	S9	SB	SC	SD	SG	SH	SI	SJ	SK	SL	T2	T3	TA	TB
6	Pump housing	EN-GJL-250	●	●	●	●	●	-	-	-	-	-	-	-	●	●	●	●	-	-
6	Pump housing	EN-GJS-500-7	-	-	-	-	-	●	●	●	●	●	●	●	-	-	-	-	●	●
7	Coupling guard	1.0301+ powder paint	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
8a	Standard coupling	EN-GJL-250	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
8a	Spacer coupling	1.0503/1.7045	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
11	Key	1.4301/AISI 304	●	-	-	-	-	●	-	-	-	-	-	-	-	-	-	-	-	-
11	Key	1.4401/AISI 316	-	●	-	●	-	-	●	-	●	-	-	-	-	-	-	-	-	-
11	Key	1.4462/SAF2205	-	-	●	-	●	-	-	●	-	●	-	-	-	-	●	-	●	-
11	Key	1.4410/SAF2507	-	-	-	-	-	-	-	-	-	-	●	●	●	●	-	●	-	●
11a	Key	Steel	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
20	Hexagon socket head plug	Class 5.8 carbon steel	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
20b	Hexagon socket head plug	Class 5.8 carbon steel	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
45	Wear ring	EN CuSn10-C-GS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45	Wear ring	EN-GJL-250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45	Wear ring	EN CuZn34Mn3AL2Fe1-C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
49	Impeller	1.4308/CF8	●	●	●	-	-	●	●	●	-	-	●	-	●	-	-	-	-	-
49	Impeller	1.4408/CF8M	-	-	-	●	●	-	-	-	●	●	-	●	-	●	-	-	-	-
49	Impeller	1.4517/ASTM A890 CD4MCuN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	●	●	●
51	Shaft	1.0503 + 1.4301/304	●	-	-	-	-	●	-	-	-	-	-	-	-	-	-	-	-	-
51	Shaft	1.4401/316	-	●	-	●	-	-	●	-	●	-	-	-	-	-	-	-	-	-
51	Shaft	1.4462/SAF2205	-	-	●	-	●	-	-	●	-	●	-	-	-	-	●	-	●	-
51	Shaft	1.4410/SAF2507	-	-	-	-	-	-	-	-	-	-	●	●	●	●	-	●	-	●
53	Deep-groove ball bearings	2ZR.C3	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Angular contact bearing [25)]	BECBJ	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
53a	O-ring	EPDM/FKM	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
54	Deep-groove ball bearings	2ZR.C3	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Roller bearing [25)]	ECJ	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
54a	O-ring	EPDM/FKM [26)]	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
66	Washer	1.4301/AISI 304	●	●	●	-	-	●	●	●	-	-	●	-	●	-	-	-	-	-
66	Washer	1.4401/AISI 316	-	-	-	●	●	-	-	-	●	●	-	●	-	●	-	-	-	-
66	Washer	1.4539/AISI 904L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	●	●	●
66a	Spring lock washer	1.4301/AISI 304	●	●	●	-	-	●	●	●	-	-	●	-	●	-	-	-	-	-
66a	Spring lock washer	1.4401/AISI 316	-	-	-	●	●	-	-	-	●	●	-	●	-	●	-	-	-	-
66a	Spring lock washer	1.4539/AISI 904L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	●	●	●
67	Impeller nut	1.4301/AISI 304	●	●	●	-	-	●	●	●	-	-	●	-	●	-	-	-	-	-
67	Impeller nut	1.4401/AISI 316	-	-	-	●	●	-	-	-	●	●	-	●	-	●	-	-	-	-
67	Impeller nut	1.4539/AISI 904L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	●	●	●
72a	O-ring	EPDM/FKM/EPDM-NSF	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
77	Cover	EN-GJL-250	●	●	●	●	●	-	-	-	-	-	-	-	●	●	●	●	-	-
77	Split cover	EN-GJS-500-7	-	-	-	-	-	●	●	●	●	●	●	●	-	-	-	-	-	-
77a	Seal cover	1.4517/CD4MCuN	-	-	-	-	-	●	●	●	●	●	●	●	-	-	-	-	-	-
77b	O-ring	EPDM/FKM	-	-	-	-	-	●	●	●	●	●	●	●	-	-	-	-	-	-
86	Bearing bracket	EN-GJL-250	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
90c	Foot	EN-GJL-250/1.0338/ carbon steel DC04	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

Pos.	Description	Materials	Material code																
			S3	S4	S5	S8	S9	SB	SC	SD	SG	SH	SI	SJ	SK	SL	T2	T3	TA	TB
105	Shaft seal	Burgmann 1.4401/AISI 316	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
		Burgmann 2.4610/ Hastelloy C-4	-	-	-	-	-	-	-	-	-	Opt.	Opt.	Opt.	Opt.	Opt.	Opt.	Opt.	Opt.	Opt.
156a	Cover, bearing	1.0338/carbon steel DC04	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
159a	Thrower	EPDM	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
159f	Locking ring, circlip	DIN 472 (C75 DIN 17 222)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
201	Loose flange, inlet	GGG50/1.4408/ASTM CF8M	-	-	-	-	-	●	●	●	●	●	●	●	-	-	-	-	●	●
201a	Loose flange, outlet	GGG50/1.4408/ASTM CF8M	-	-	-	-	-	●	●	●	●	●	●	●	-	-	-	-	●	●
203	Retainer, inlet	1.4310	-	-	-	-	-	●	●	●	●	●	●	●	-	-	-	-	●	●
203a	Retainer, outlet	1.4310	-	-	-	-	-	●	●	●	●	●	●	●	-	-	-	-	●	●

25) When the heavy duty bearing bracket is used.

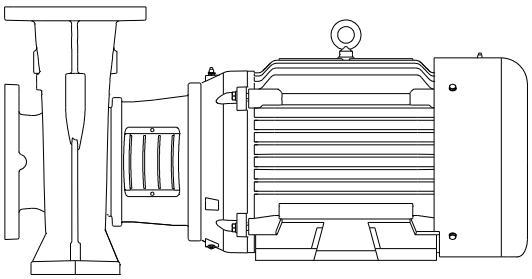
26) Depending on customer order

Mechanical construction

Mounting design

NB pumps come in these mounting designs:

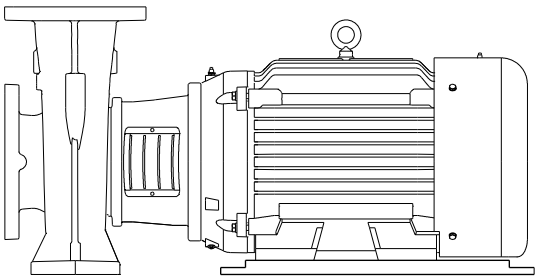
Mounting design A: pump housing with feet



TM086037

Mounting design A

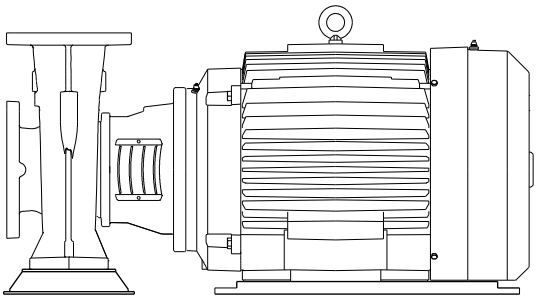
Mounting design B: support rail under motor



TM086038

Mounting design B

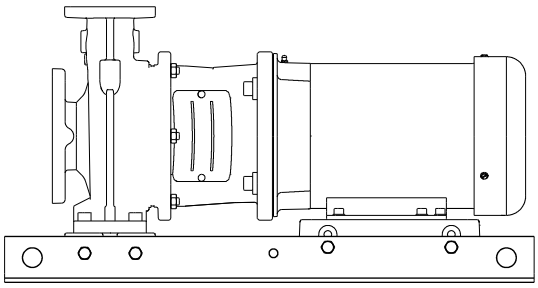
Mounting design C: support rails under pump housing and under motor



TM086039

Mounting design C

Mounting design F: support rail under motor with base frame.



TM086040

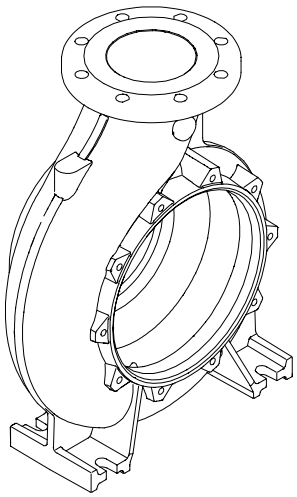
Mounting design F

Pump housing

The volute pump housing has an axial inlet port and a radial outlet center-line port. Flange dimensions are in accordance with ASME B16.5.

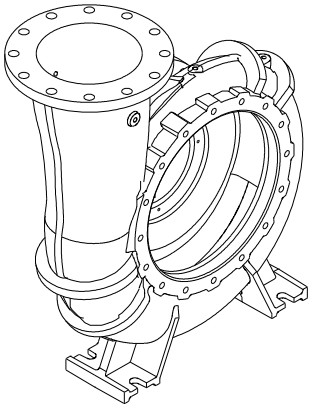
For 8" outlet and above, the outlet port is tangential.

The pump houses have both a priming and a drain hole closed by plugs.



TM030232

Pump housing with center-line outlet



TM077439

Pump housing with tangential outlet

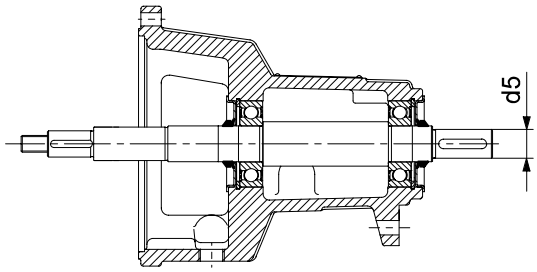
Bearing bracket and shaft

The bearing bracket has two sturdy anti-friction, lubricated-for-life bearings.

The bearing bracket is made of cast iron EN-GJL-250.

The shaft is made of stainless steel. Shaft diameter d5 is either ∅0.63 inch (16 mm), ∅0.94 inch (24 mm), ∅1.26 inch (32 mm), ∅1.65 inch (42 mm), ∅1.9 inch (48 mm) or ∅2.36 inch (60 mm) where the coupling is mounted.

A thrower on the shaft prevents liquid from entering the bearing bracket.



Bearing bracket and shaft

All NK pumps are fitted with one of six shaft, shaft seal and bearing sizes.

For prolonged lifetime and to suit high inlet pressure, heavy duty bearing brackets are available.

Loose flange

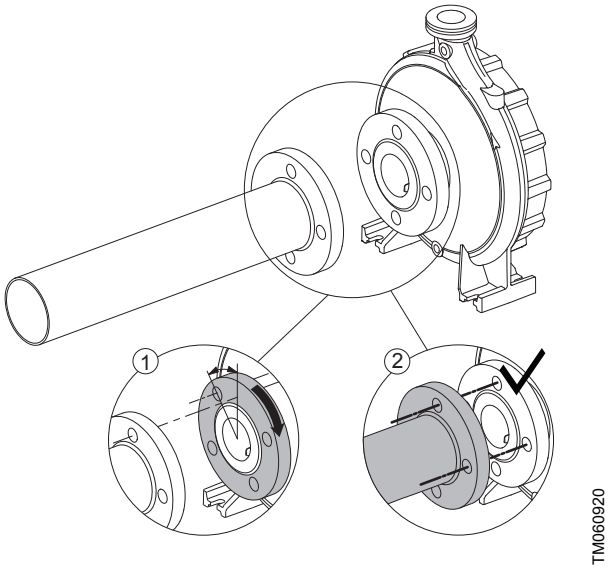
Flanges are available as fixed or loose flanges depending on the pump material. Loose flanges are only available for ductile iron pumps.

A loose flange is a flange which can be adjusted to fit the existing pipes, and be adapted to the required flange standard and thus facilitate installation.

The loose flanges offer quite a few benefits compared to the standard type flanges:

- they save installation time in general.
- they make up for twisted counter flange weldings.
- they provide full adaptability to the standards DIN, ANSI and JIS.
- you will have a flange that will fit the first time you replace an old pump or another brand; loose flanges range from 145 to 580 PSI (10 to 40 bar).
- you can make special installations where the flanges are turned to match limited space for service.

With loose flanges it is possible to turn the flange a few degrees if the counter flange has been twisted during installation and/or welding. The flange can be rotated to meet the connection. This will avoid stress being added to the pump and will reduce overall downtime.



Loose flange

Motor stool and cover

The cover is provided with a manual air vent screw for the venting of the pump housing and the shaft seal chamber. An O-ring forms the seal between cover and pump housing.

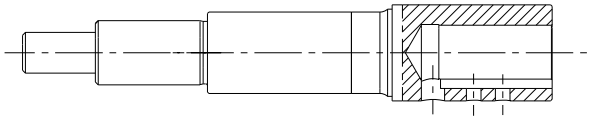
Coupling guards are fitted to the motor stool.

Motor stools are prepared for NB/NBE pumps with NEMA face mounted TC 140-440 motor frames.

Shaft

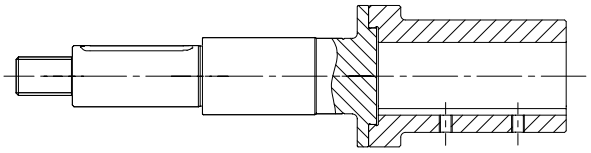
The stainless steel shaft is ∅0.79 inch (20 mm), ∅1.10 inch (28 mm), ∅1.50 inch (38 mm), ∅1.9 inch (48 mm), ∅2.17 inch (55 mm) or ∅2.36 inch (60 mm) where the shaft seal is mounted.

The coupling end of the shaft is cylindrical and has drilled holes for the set screws of the coupling.



TM029500

Stub shaft, NB pump



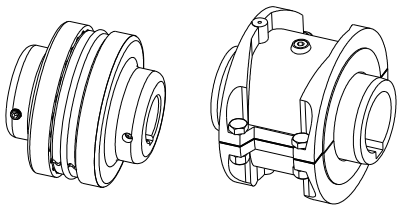
TM035393

2-part stub shaft, NB pump

Coupling

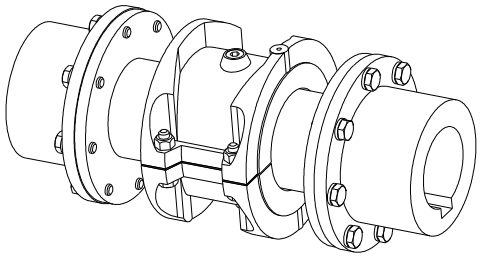
NK pumps are available with two types of coupling: standard coupling and spacer coupling.

Standard coupling can be either sleeve coupling or grid coupling. Sleeve coupling is by default and grid coupling can be chosen.



TM086043

Standard coupling



TM086045

Spacer coupling

Pumps fitted with a spacer coupling can be serviced without dismantling the motor from the base frame and without removing the pump housing from the pipes. This saves realignment of pump and motor after service.

Impeller

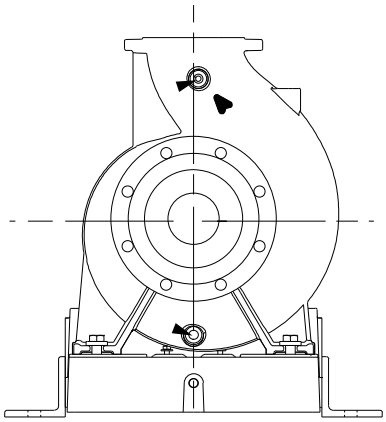
The impeller is a closed impeller with double-curved blades with smooth surfaces. This ensures high efficiency.

All impellers are statically and hydraulically balanced. The hydraulic balancing compensates for axial thrust.

The direction of rotation of the impeller is clockwise when viewed from the motor.

All impellers can be adapted to the duty point as requested by the customer.

Base frame



TM086042

Schematic view of NK pump mounted on a base frame

Pump and motor are mounted on a common steel base frame optimised for the length of the pump and motor.

Surface treatment

The assembled pump will have a final layer of paint (4-6 mil inch/100-150 µm) on all external parts.

The color code for the finished product is NCS 9000/AL 9005.

Test pressure

Pressure testing is made with + 68 °F (20 °C) water containing corrosion inhibitor.

On request, duty point testing is available.

A hydrostatic pressure test is carried out on all pumps at 1.5 times of rated pressure according to HI 14.6:2016 standard.

Hydro-static pressure testing:

Pressure class	Rated pressure		Test pressure	
	[PSI]	[bar]	[PSI]	[bar]
125	175	12	263	18
300	363	25	545	37.5

Duty point performance testing is made according to HI 14.6:2016.

Motors and drives

For NB, NK pumps, Grundfos can provide a wide range of motors and drives for the below two categories:

- standard motors
- speed-controlled motors.

Standard motors are mains-operated whereas speed-controlled motors can be started and operated by a standard motor with an external frequency converter. The frequency converter can be a Grundfos CUE or another make.

Standard motors

The motor is a TEFC or ODP standard motor with main dimensions according to NEMA standards. Electrical tolerances are to NEC.

Motor protection

Three-phase motors must be connected to a motor-protective circuit and/or fuse according to local regulations. E-pumps have integrated motor protection and no need to have additional one.

Energy efficiency classification

The standard motor is NEMA premium.

Speed-controlled standard motors

General considerations

If you connect an external frequency converter to your standard motor, the motor insulation is exposed to higher voltage peaks due to the operation of the frequency converter. This causes the motor to be noisier than in normal operation. In addition, large motors are exposed to bearing currents caused by the frequency converter.

If you operate the motor via a frequency converter, consider the following:

- For 2-, 4- and 6-pole motors, 100 hp (75 kW) and above, isolate one of the motor bearings electrically to prevent damaging currents from passing through the motor bearings.
- Installation of grounding rings is also recommended for non-inverter ready motors or motors without shaft grounding rings because it provides a path to ground for the induced shaft voltage by high speed switching frequency of the VFDs which can cause bearing failure. The NB NK standard motors are all available for shaft grounding ring version (with SGR). MLE motors do not need grounding rings because they are using patented (EP3185405) solutions.
- In noise-sensitive applications, you can reduce the motor noise by fitting a dU/dt filter between the motor and the frequency converter. For particularly noise-sensitive applications, we recommend a sinusoidal filter.
- The length of the cable between motor and frequency converter affects the motor load. Therefore, check that the cable length meets the specifications laid down by the frequency converter supplier.
- For supply voltages between 500 and 690 V, install a dU/dt filter to reduce voltage peaks, or use a motor with reinforced insulation.
- For supply voltages of 690 V, use a motor with reinforced insulation, and fit a dU/dt filter.

Grundfos CUE

Pumps connected to Grundfos CUE external frequency converters



TM075268

Grundfos CUE frequency converters

CUE is a series of frequency converters designed for speed control of a wide range of pumps and applications.

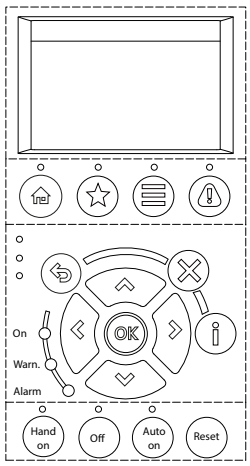
Grundfos CUE provides a variety of benefits to the end-user, such as:

- Grundfos E-pump functionality and user interface
- application- and pump family-related functions
- increased comfort compared to fixed-speed pump solutions
- simple and easy installation and commissioning compared to standard frequency converters
- speed control of pumps up to 350 hp (260 kW).

Intuitive startup guide

The startup guide enables easy and quick installation and commissioning. CUE startup guide normally starts at first power-on. Here, a number of parameters are set automatically on the basis of the pump type. Other parameters are set manually on the basis of motor and pump nameplate data. The startup guide can be repeated, if necessary.

Smart user interface of CUE



TM077977

Grundfos CUE user interface

Grundfos CUE features a unique user-friendly interface with graphic display and easy-to-use buttons.

The user interface offers these possibilities:

- Local operation via an operating panel with graphic display.
- Remote operation via external signals.
- Monitoring of operating status via indicator lights and signal relays.
- Display of alarms or warnings and logging.

Controlling the selected parameter

Grundfos CUE has a built-in PI controller offering closed-loop control of these parameters:

- constant differential pressure
- proportional pressure
- constant differential temperature
- constant temperature
- constant flow rate
- constant pressure
- constant level
- constant other value.

Wide product range

The CUE product range is quite comprehensive, covering five different voltage ranges, enclosure classes IP20/21 (NEMA 1) and IP54/55 (NEMA 12)*IP66 (for US market), and a wide range of output powers.

The table below provides a general overview.

Input voltage [V]	Output voltage [V]	Motor [hp] ([kW])
1 x 200-240	3 x 200-240	1.5 - 10 (1.1 - 7.5)
3 x 200-240	3 x 200-240	1-60 (0.75 - 45)
3 x 380-500	3 x 380-500	0.75 - 350 (0.55 - 250)
3 x 525-600	3 x 525-600	1-10 (0.75 - 7.5)
3 x 525-690	3 x 525-690	15-350 (11-250)

External communication

Grundfos CUE can communicate by means of LON, PROFIBUS, GRM, Cellular, PROFINET, Modbus or BACnet via Grundfos CIU.

Grundfos E-motors

IE5

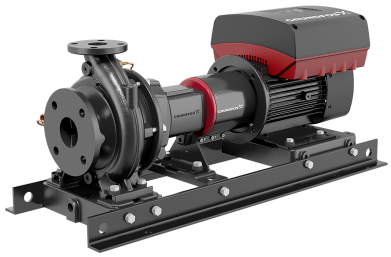
NBE, NKE are pumps with motor and integrated frequency converters.

The Grundfos MLE utilizes a Permanent Magnet Synchronous Motor (PMSM) which carries an IE5 rating based on European Commission standards. This IE5 rating exceeds the current NEMA Premium Efficiency standard.



TM086999

NBE pump



TM087000

NKE pump

The MLE motor is a totally enclosed, fan-cooled, frequency-controlled motor with dimensions according to NEMA standards. Electrical tolerances are to IEC 60034 and NEMA.

Grundfos integrated CUE solutions



TM088811

NBE pump with integrated CUE



TM088812

NKE pump with integrated CUE

NBE and NKE integrated CUE solution integrates the Grundfos CUE in-house with IE5 Permanent Magnet motors. The CUE is configured with specific pump parameters to ensure optimal performance. The Series 2000 pumps are paired with Grundfos digital differential pressure sensors and are set to operate in proportional differential pressure control mode.

Grundfos CUE also offers sensorless proportional differential pressure and sensorless constant differential pressure options for sensorless pumps. These controls are based on calculations using motor parameters, though their accuracy is not as high as when using sensors. This function must be ordered in advance and calibrated at the factory prior to shipment.

Motor protection

The motor requires no external motor protection. Both MLE and CUE solution incorporate thermal protection against overload and stalled condition. The Motor is also protected against power supply transient voltages in accordance with EN-61800-3.

Benefits

Grundfos E-pumps provide a variety of benefits to the end-user, such as:

- Grundfos E-pump functionality and user interface
- a perfect match between pump and frequency drive
- application- and pump family-related functions
- increased comfort compared to fixed-speed pump solutions
- simple installation and commissioning compared to standard frequency converters.

Smart user interface of MLE



TM078031

Grundfos MLE motors feature a user-friendly interface with easy-to-use buttons. See section Operating panel.

Controlling the selected parameter

Grundfos MLE has a built-in PI controller offering closed-loop control of these parameters:

- constant differential pressure
- proportional differential pressure
- constant temperature
- constant flow rate
- constant pressure
- constant differential temperature
- constant level
- constant curve
- constant other value.

Related information

Operating panel for MLE

External communication

Grundfos MLE can communicate by means of LON, PROFIBUS, Cellular, GRM, PROFINET, Modbus or BACnet as described in section Communication with E-pumps.

Related information

Communication with E-pumps

Optional motors

The Grundfos standard range of motors covers a wide variety of application requirements. However, for special applications or operating conditions, custom-built motor solutions can be provided.

For special applications or operating conditions, Grundfos offers custom-built motors such as:

- ATEX-approved motors
- ML motors with anti-condensation heating unit
- motors with thermal protection.

7. Operating conditions

Pump location

The pump is designed for installation in a non-aggressive and non-explosive atmosphere.

The relative air humidity must not exceed 95 %.

Ambient temperature and installation altitude

The ambient temperature and the installation altitude are important factors for the motor.

All motors are able to operate without power derating for temperatures up to +104 °F (+40 °C) or below altitude of 3280.8 ft (1000 m) above sea level. Above these two limits, it may be necessary to use a motor with a higher output, or de-rated. Contact the motor manufacturer if the motor is to be operated above these limits. Consult the motor manufacturer before operating the motor above these limits.

Liquid temperature

Liquids with temperatures ranging from -10 to 284 °F (-25 to +140 °C) are covered in this data booklet.

The maximum liquid temperature is stamped on the nameplate, and depends on the shaft seal chosen.

Note that the maximum liquid temperature limits stated by Grundfos may be overruled by local regulations and various laws.

Flow rates

Minimum flow rate

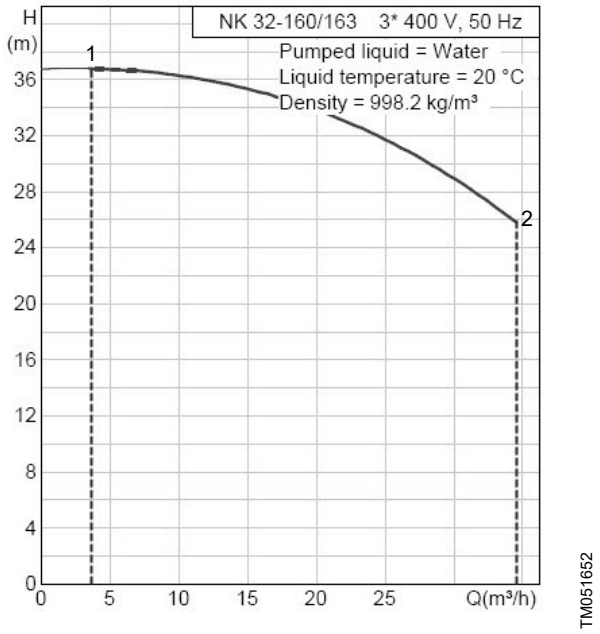
The pump must not run against a closed outlet valve as this causes an increase in temperature or formation of steam in the pump. This may cause shaft damage, impeller erosion, short life of bearings, damage to stuffing boxes or mechanical shaft seals due to stress or vibration.

The continuous flow rate must be at least 10 % of the maximum flow rate.

Maximum flow rate

The maximum flow rate must not be exceeded as otherwise there is a risk of for instance cavitation and overload.

The maximum flow rate can be read either from the performance curve pages or from a curve on a specific pump when selecting it in Grundfos Product Center.

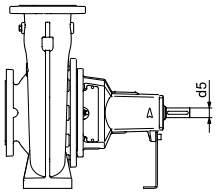


Example from Grundfos Product Center showing minimum and maximum flow rate

Pos.	Description
1	Minimum flow rate
2	Maximum flow rate

Operating range of mechanical shaft seals

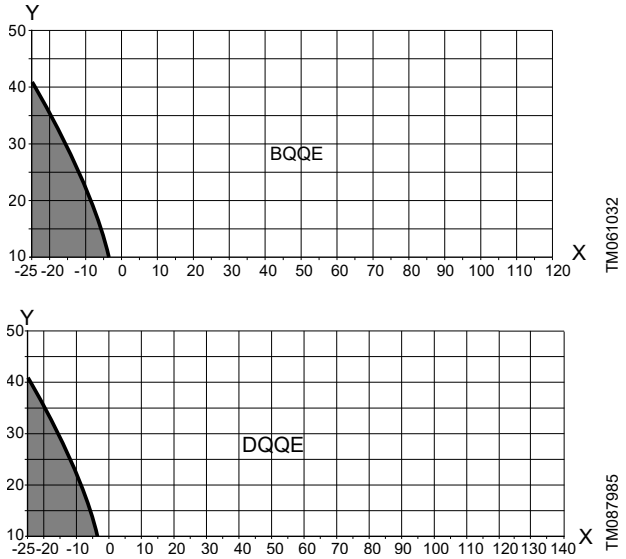
The temperature range applies to water and coolants.
Seals with a temperature range of 32°F (0 °C) and up are mainly used for pumping water, while seals for temperatures below 32°F (0 °C) are mainly intended for coolants.



Shaft seal diameter [mm]	NB, NK				20	28, 38	48	55	60
d5 [mm]	NK				16	24, 32	42	48	60

Shaft seal type		Seal faces	Rubber	Code	Temperature range	Maximum pressure [bar]				
	Bellows seal, type B, unbalanced	BQ_7	EPDM	BBQE	32-248 °F (0-120 °C)	232 (16)	232 (16)	232 (16)	232 (16)	232 (16)
		BQ_7	FKM	BBQV	32-194 °F (0-90 °C)	232 (16)	232 (16)	232 (16)	232 (16)	232 (16)
		Q_7Q_7	EPDM	BQQE	-13 to +248 °F (-25 to +120 °C)	232 (16)	232 (16)	232 (16)	232 (16)	232 (16)
		Q_7Q_7	FKM	BQQV	14 to 194 °F (-10 to +90 °C)	232 (16)	232 (16)	232 (16)	232 (16)	232 (16)
	O-ring seal, type D, balanced	AQ_7	FKM	DAQF	32-284 °F (0-140 °C)	363 (25)	363 (25)	363 (25)	363 (25)	363 (25)
		Q_6Q_7	EPDM	DQQE	-4 to +284 °F (-20 to +140 °C)	363 (25)	363 (25)	363 (25)	363 (25)	363 (25)

Recommended shaft seal for water-glycol mixture



Operating range of EPDM shaft seals

Pos.	Description
X	Temperature [°C]
Y	Glycol content [%]

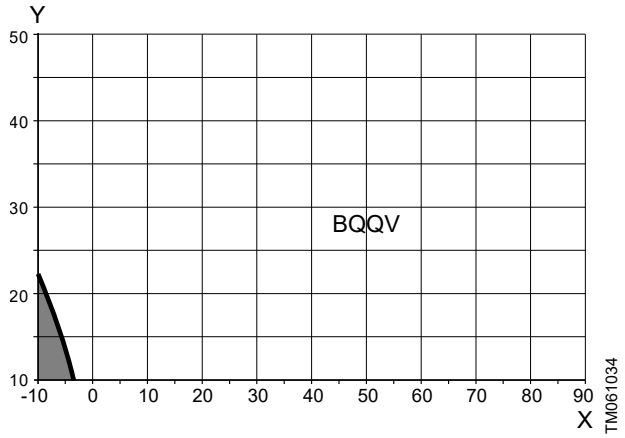
Carbon-silicon carbide (xAQx), (xBQx)

Mechanical shaft seals with carbon-silicon carbide seal faces have a wide range of applications and are especially suitable if there is risk of dry running and/or if the temperature is high. These mechanical shaft seals are not suitable for liquids containing abrasive particles as the carbon parts will be worn. At temperatures below 0 °C, corrosion inhibitors containing abrasive particles are usually added to the pumped liquid, and these seals will thus not be suitable.

Note: The antimony impregnation (A) is not approved for potable water applications.

Silicon carbide-silicon carbide (xQQx)

Mechanical shaft seals with silicon carbide-silicon carbide seal faces also have a very wide range of applications. These seals are very resistant to abrasive particles and well suited at liquid temperatures up to 90 °C for Q_1 types, and up to 120 °C for Q_6 types. At higher temperatures, the reduced lubricating properties of the pumped liquid may cause noise problems and limit the life of the seal faces.



Operating range of FKM shaft seals

Pos.	Description
X	Temperature [°C]
Y	Glycol content [%]

EPDM (xxxE)

Mechanical shaft seals with EPDM (xxxE) rubber are primarily suitable for water.

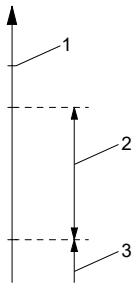
If the water contains oil or if chemicals or other liquids than water are pumped, you may have to replace the rubber parts of the mechanical shaft seal.

FKM (xxxV)

Mechanical shaft seals with FKM (xxxV) rubber have excellent resistance against oil and a number of chemicals.

Pressures in the pump

Maximum operating pressure



TM075513

Pressures in the pump

Pos.	Description
1	Maximum operating pressure (pressure above atmospheric pressure)
2	Pump pressure
3	Inlet pressure

The inlet pressure + pump pressure must be lower than the maximum operating pressure (p) stated on the pump nameplate. The maximum operating pressure can be checked by closing the outlet valve briefly for maximum 30 seconds.

Minimum inlet pressure

The minimum inlet pressure must be according to the NPSH curve + correction for Vapor pressure. We do, however, recommend that you calculate the inlet pressure in these cases:

- The liquid temperature is high.
- The flow rate is considerably higher than the pump's rated flow rate.
- The pump is operating in an open system with suction lift.
- The liquid is sucked through long pipes.
- The inlet conditions are poor.
- The operating pressure is low.

Maximum inlet pressure

The inlet pressure + pump pressure must be lower than the maximum operating pressure (p) stated on the pump nameplate. The maximum operating pressure can be checked by closing the outlet valve briefly for maximum 30 seconds.

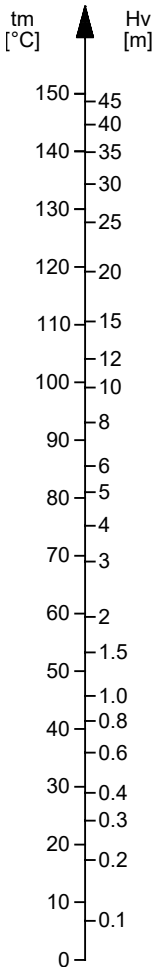
Suction lift in open systems

Calculation of suction lift in open systems (water)

The suction lift "H" in feet head required during operation to avoid cavitation in the pump can be calculated by means of the following formula:

$H = p_b \times 2.31 - NPSH - H_f - H_v$

H	Suction lift
p_b	Barometric pressure in PSI. The barometric pressure can be taken as equal to 14.5 PSI. In closed systems, p_b indicates system pressure in PSI.
NPSH	Net Positive Suction Head in feet head. The NPSH value can be read from the NPSH curve at the highest flow rate the pump will be delivering. The maximum flow rate must not exceed the maximum flow rate shown on the QH curve. The NPSH curve and QH curve for the individual pump can be found in Grundfos Product Center and in the relevant data booklet.
H_f	Friction loss in the inlet pipe in feet head at the highest flow rate the pump will be delivering.
H_v	Vapor pressure in feet head. See figure below.



TM003037

Relation between liquid temperature and vapor pressure

How to determine the vapor pressure in feet

Step 1: Degree C = (Degree F - 32) /1.8

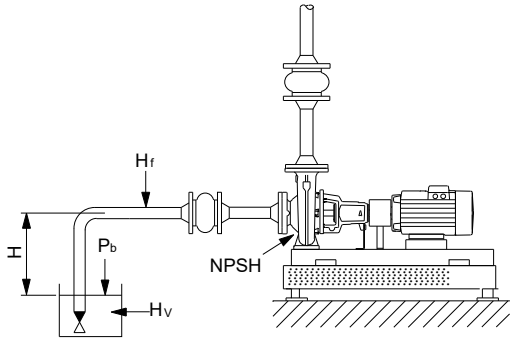
Step 2: Vapor pressure from meter to feet: 1 meter = 3.28 feet.

Positive H value

Example:

Liquid temperature:	68 °F (20 °C)
Pump size:	NBS 030-110
Flow rate:	550 GPM
p_b:	14.5 PSI
NPSH:	15 ft head
H_f:	9 ft head
H_v:	1 ft head
$H = p_b \times 2.31 - NPSH - H_f - H_v$ [ft head]	
H = 14.5 x 2.31 - 15 - 9 - 1 = **8.5** ft head	

If the calculated value of H is positive, the pump can operate with a maximum suction lift of H feet.



TM081003

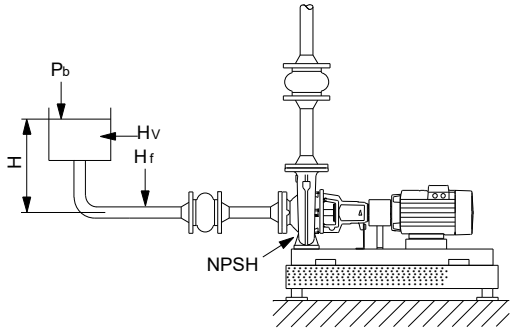
Suction lift with positive H

Negative H value

Example:

Liquid temperature:	194 °F (90 °C)
Pump size:	NBS 030-110
Flow rate:	550 GPM
p_b:	14.5 PSI
NPSH:	15 ft head
H_f:	9 ft head
H_v:	23.6 ft head
$H = p_b \times 2.31 - NPSH - H_f - H_v$ [ft head]	
H = 14.5 x 2.31 - 15 - 9 - 23.6 = **-14.1** ft head	

If the calculated value of H is negative, a minimum suction head of H feet is required. The calculated H must be present during operation.



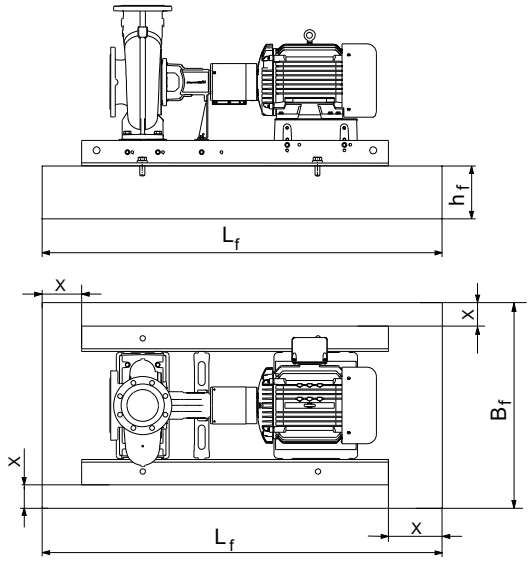
TM081004

Suction lift with negative H

8. Mechanical installation

Foundation

- We recommend that you install the pump on a plane and rigid concrete foundation which is heavy enough to provide permanent support for the entire pump.
- The foundation must be capable of absorbing any vibration, normal strain or shock.
- As a rule of thumb, the weight of the concrete foundation should be at least 1.5 times the weight of the pump.
- The foundation must be at least 4 inches (100 mm) larger than the base frame on all four sides.



TM085753

Foundation, X equal to minimum 100 mm

The minimum height of the foundation, h_f, can then be calculated:

$$h_f = \frac{m_{pump} \times 1.5}{L_f \times B_f \times \delta_{concrete}}$$

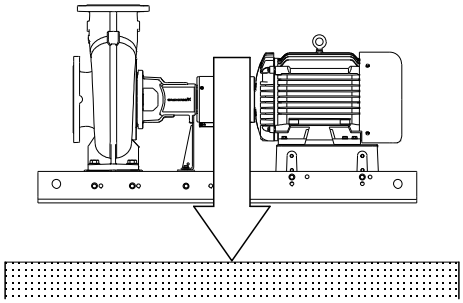
h_f	Height of the foundation [in] [m]
L_f	Length of the foundation [in] [m]
B_f	Width of the foundation[in] [m]
m_{pump}	Mass of the pump [lbs] [kg]
$\delta_{concrete}$	Density of the concrete [lb/in^3] [kg/m^3]

The density of concrete, indicated by δ, is usually taken as 0.08 lb/in^3 (2,200 kg/m^3)

- In installations where noiseless operation is particularly important, we recommend a foundation with a mass up to 5 times that of the pump.

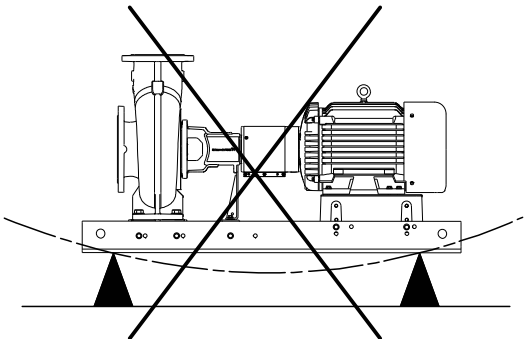
After installation is finished, tighten the screws connecting the flange, feet and the anchor bolts according to the tightening torques. You must apply an anti-loose method, such as mounting lock washers.

The base frame must be supported under its entire area.



TM085754

Correct foundation



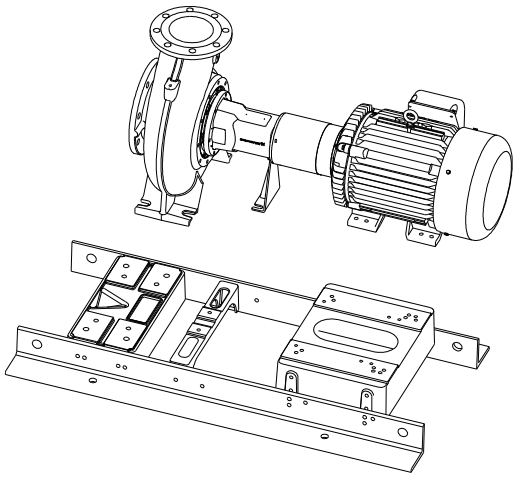
TM085755

Incorrect foundation

Grouting of horizontally mounted NK pumps

For NK pumps with 2-pole motors equal to or bigger than 60 hp (45 kW) grouting of the base frame is mandatory in order to prevent vibration energy from the rotating motor and liquid flow to evolve.

	P2 lower than or equal to 50 hp (37 kw)	P2 equal to or higher than 60 hp (45 kW)
2-pole	Grouting optional	Grouting mandatory
4-pole	Grouting optional	
6-pole	Grouting optional	



TM085756

Base frame cavities to be filled with grout

Preparing the foundation

We recommend the following procedures to ensure a good foundation:

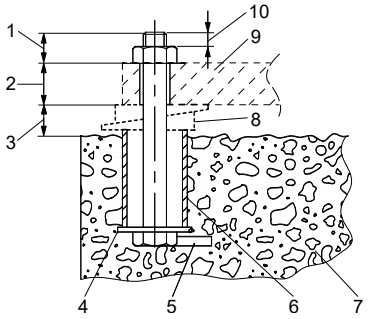
1. Pour the foundation without interruption to 0.75 - 1.25 in. (19-32 mm) of the final level.

   Use an approved, non-shrinking concrete. Contact your concrete supplier for advice if any doubts.

2. Use vibrators to ensure that the concrete is evenly distributed. The top surface must be well scored and grooved before the concrete sets. This provides a bonding surface for the grout.

3. Embed anchor bolts in the concrete.

   Allow enough bolt length to reach through grout, shims, the lower part of the support rail, nuts and washers.



TM075514

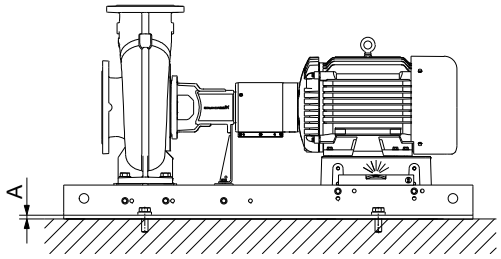
Pos.	Description
1	Bolt length above the support rail
2	Thickness of the support rail
3	0.75 - 1.25 in. (19-32 mm) allowance for grout
4	Washer
5	Lug
6	Pipe sleeve
7	Foundation with rough top
8	Wedges and shims left in place
9	Support rail
10	0.2 - 0.4 in. (5-10 mm)

4. Let the foundation cure for several days before levelling and grouting the support rail.

Levelling the base frame

Follow the steps below to level the base frame:

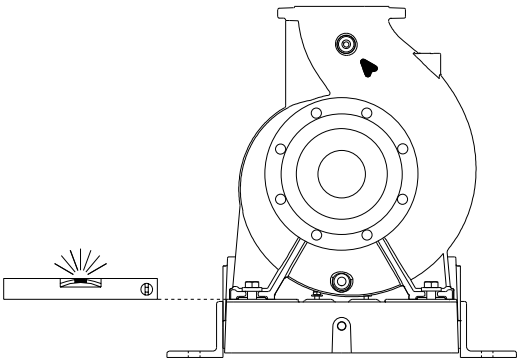
1. Lift or jack up the base frame to the final level 0.75 - 1.25 inches (19-32 mm) above the concrete foundation, and support the base frame by means of blocks and shims both at the anchor bolts and midway between bolts.



TM085757

A: 0.75 - 1.25 inches (19-32 mm)

2. Level the base frame by adding or removing shims under the base frame.



TM085758

3. Tighten the anchor bolt nuts against the base frame.
4. Make sure the piping can be aligned to the pump flanges without putting strain on pipes or flanges.

Preliminary alignment

DANGER
Electric shock
Death or serious personal injury

- Before starting work on the pump, make sure that the power supply has been switched off and cannot be accidentally switched on again.

The pump and motor are pre-aligned on the base frame from the factory. Some deformation of the base frame may occur during transport and it is therefore essential to check the alignment at the installation site before the final grouting.

A flexible coupling will only compensate for minor misalignments and must not be used to compensate for excessive misalignment of the pump and motor shafts. Inaccurate alignment results in vibration and excessive wear on the bearings, shaft or wear rings.

Carry out alignment of the motor by placing shims of different thickness under the motor. If possible, replace several thin shims with one thick shim.

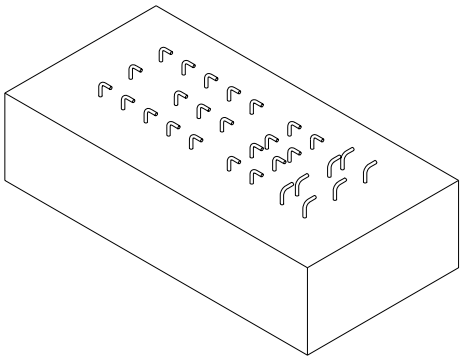
Carry out alignment of the motor only, as pipe strain will occur if the pump is shifted.

Grouting

If you have questions or doubts about the grouting, please contact an expert on grouting.

Grouting compensates for an uneven foundation, distributes the weight of the unit, dampens vibrations and prevents shifting. Follow the steps below to do the grouting:

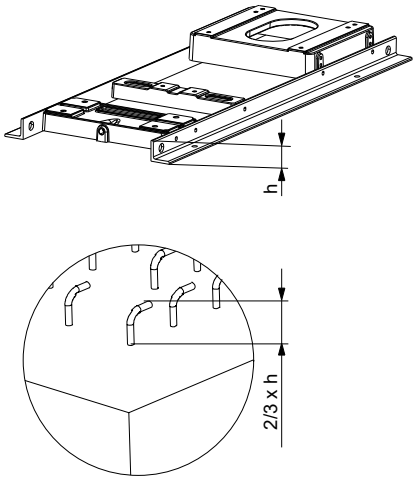
1. Use an approved, non-shrinking grout.
2. Embed reinforcing steel bars into the foundation by means of 2K anchor adhesive glue.
3. The number of steel bars depends on the size of the base frame, but we recommend that you distribute a minimum of 20 bars evenly over the whole area of the base frame.



TM040491

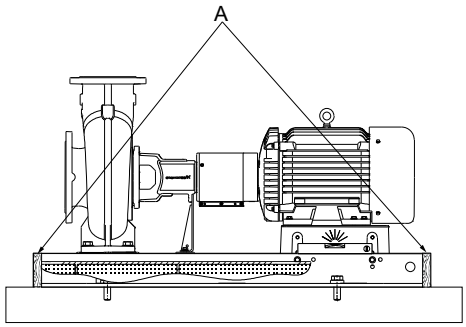
Example of foundation with minimum 20 bars

4. The free end of the steel bar must be 2/3 the height of the base frame to ensure a proper grouting.



TM086094

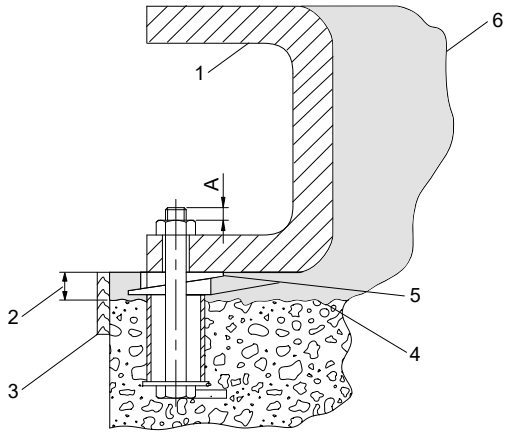
5. Connect the drainage pipe if the base frame has a drain hole. Or leave space for the pipe from grout for future connection.
6. Soak top of concrete foundation thoroughly, then remove surface water.
7. Ensure proper shuttering at both ends of the base frame.



TM085759

A: shuttering

8. If necessary, check the levelling of the base frame again before grouting.
9. Pour non-shrinking grout through the openings of the base frame until the space underneath the base frame has been filled completely.
10. Fill the formwork with grout up to the base frame top level.
11. Allow the grout to dry thoroughly before attaching piping to the pump. 24 hours is sufficient time with approved grouting procedure.
12. When the grout has thoroughly hardened, check the anchor bolt nuts, and tighten, if necessary.
13. Approximately two weeks after pouring the grout, or when the grout has thoroughly dried, apply an oil-based paint to the exposed edges of the grout to prevent the grout from getting into contact with air and moisture.



TM032946

Pos.	Description
1	Base frame
2	19-32 mm (0.75 - 1.25 in) grout
3	Formwork
4	Foundation with rough top
5	Levelling wedges and shims left in place
6	Grout
A	5-10 mm (0.2 - 0.4 in.)

After installation is finished, tighten the screws connecting the flange, feet and the anchor bolts according to the tightening torques. You must apply an anti-loose method, such as mounting lock washers.

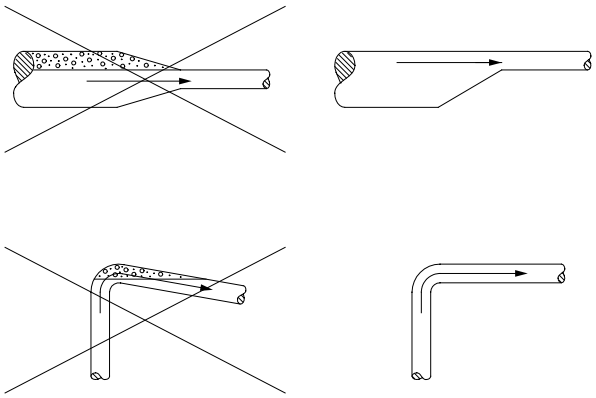
Pipes

Pipes

When installing the pipes, make sure that the pump housing is not stressed by the pipes.

The inlet and outlet pipes must be of an adequate size, taking the pump inlet pressure into account.

Install the pipes so that air locks are avoided, especially on the inlet side of the pump. See figure below.

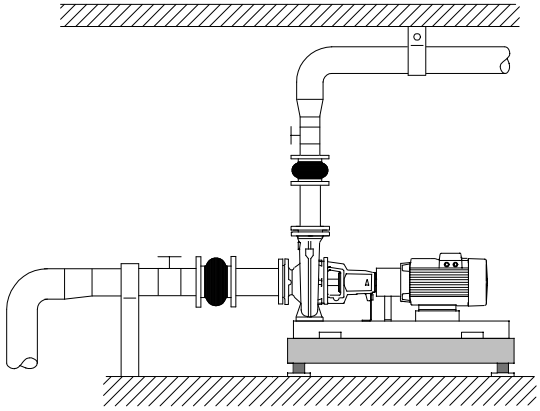


TM002263

Pipelines

Fit isolating valves on either side of the pump to avoid having to drain the system if the pump needs to be cleaned or repaired.

Make sure that the pipes are adequately supported as close to the pump as possible, both on the inlet and the outlet side. The counterflanges must lie true against the pump flanges without being stressed as this would cause damage to the pump.

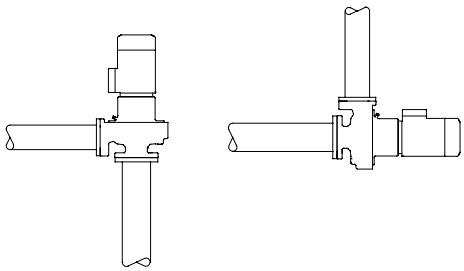


TM053488

Pipeline mounting

Direct mounting in pipes

NB pumps of mounting design A are suitable for direct mounting in supported pipes.



TM053337

Direct mounting in pipes

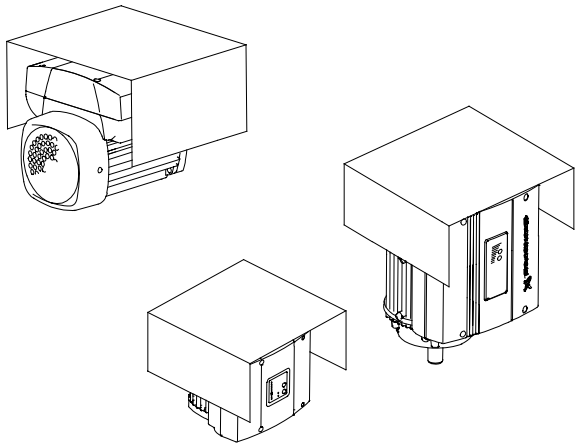
This type of installation does not allow the use of expansion joints.

Note: To ensure quiet operation, the pipes must be suspended from suitable pipe hangers.

Condensation cover

When installing the pumps outdoors, provide the motor with a suitable cover to protect the pump and motor against the direct effects of the elements.

When mounting the condensation cover on top of the motor, make sure to leave enough space for the air to cool the motor.



TM079060

Motors with condensation cover

Elimination of noise and vibrations

In order to achieve optimum operation and minimum noise and vibration, consider vibration dampening of the pump. Generally, always consider this for pumps with motors above 15 hp (11 kW). Smaller motor sizes, however, may also cause undesirable noise and vibration.

Noise and vibration are generated by the revolutions of the motor and pump and by the flow in pipes and fittings. The effect on the environment is subjective and depends on correct installation and the state of the remaining system.

Elimination of noise and vibrations is best achieved by means of vibration dampers and expansion joints. See figure Pipeline mounting.

Vibration dampers

To prevent the transmission of vibrations to buildings, we recommend that you isolate the pump foundation from building parts by means of vibration dampers.

The selection of the right vibration damper requires the following data:

- forces transmitted through the damper
- motor speed considering speed control, if any
- required dampening in %; the suggested value is 70 %.

The selection of vibration damper differs from installation to installation. In certain cases, a wrong damper may increase the vibration level. Vibration dampers must therefore be sized by the supplier of the vibration dampers.

If you install the pump on a foundation with vibration dampers, always fit expansion joints on the pump flanges. This is important to prevent the pump from "hanging" in the flanges.

Expansion joints

Install expansion joints for these purposes:

- to absorb expansions or contractions in the pipes caused by changing liquid temperature
- to reduce mechanical strains in connection with pressure surges in the pipes
- to isolate mechanical structure-borne noise in the pipes; this applies only to rubber bellows expansion joints.

Note: Do not install expansion joints to make up for inaccuracies in the pipes, such as center displacement or misalignment of flanges.

Fit the expansion joints at a minimum distance of 1 to 1 1/2 pipe diameters (DN) away from the pump on the inlet and the outlet side. This prevents turbulence in the joints, thus ensuring optimum suction conditions and minimum pressure loss on the outlet side. At flow velocities greater than 5 m/s, we recommend that you fit larger expansion joints matching the pipes.

The illustration below shows examples of rubber bellows expansion joints with or without limiting rods.



TM024979



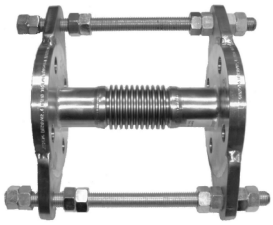
TM024981

Rubber bellows expansion joints with and without limiting rods

Expansion joints with limiting rods can be used to reduce the effects of the expansion or contraction forces on the pipes. We always recommend expansion joints with limiting rods for flanges larger than DN 100.

Anchor the pipes in such a way that they do not stress the expansion joints and the pump. Follow the supplier's instructions and pass them on to advisers or pipe installers.

The illustration below shows an example of a metal bellows expansion joint with limiting rods.



TM024980

Metal bellows expansion joint with limiting rods

Due to the risk of rupture of the rubber bellows, metal bellows expansion joints may be preferred at temperatures above 100 °C combined with high pressure.

Alignment

Alignment applies only to NK, NKE pumps.

In a complete pump unit assembled and supplied from factory, the coupling halves have been accurately aligned. Alignment is made by inserting shims under the pump and motor mounting surfaces as required.

The pump-motor alignment may be affected during transport. Always check alignment after the pump has been installed.

If misalignment has occurred due to radial or angular shifting, realign by inserting or removing shims under the feet of the pump or the motor.

Take care to align carefully, as this increases the lives of the coupling, bearings and shaft seal considerably.

Note: Check the final alignment when the pump has obtained its operating temperature under normal operating conditions.

Measuring instruments

Pressure gauge and manovacuum gauge

To ensure continuous monitoring of the operation, we recommend that you install a pressure gauge on the outlet side and a manovacuum gauge on the inlet side. The pressure gauge tapings must only be opened for test purposes.

The measuring range of the gauges must be 20 % above the maximum pump pressure. When measuring with pressure gauge on the pump flanges, note that a pressure gauge does not register dynamic pressure.

On all pumps, the diameters of the inlet and outlet flanges are different which results in different flow velocities at the two flanges. Consequently, the pressure gauge on the outlet flange will not show the pressure stated in the technical documentation, but a value which may be up to 22 PSI (1.5 bar) or approximately 50 ft (15 m) of head lower.

Ammeter

We recommend connecting an ammeter to check the motor load.

9. Speed-controlled pumps

NBE, NKE pumps are available using Grundfos MLE motors with integrated speed control or integrated CUE solution. These pumps are also called E-pumps and the pump designation is NBE, NKE.

E-pumps are suitable for applications where the pressure, temperature, flow rate or another parameter is to be controlled on the basis of signals from a sensor at the pump or at some other strategic point in the system.



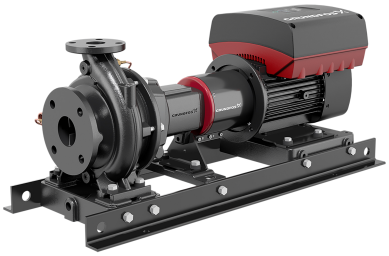
TM086999

NBE pumps with sensors from the factory



TM088811

NBE pump with integrated CUE



TM087000

NKE pumps with sensors from the factory

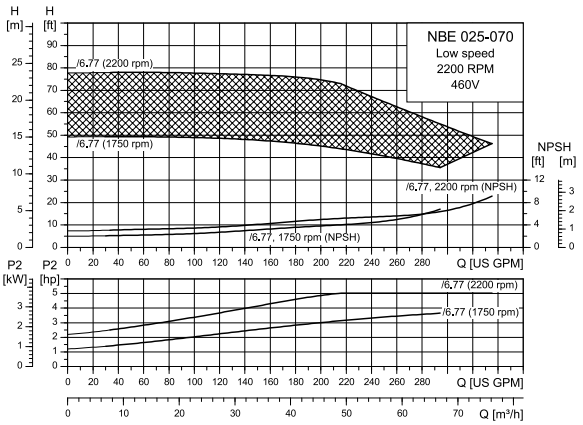


TM088812

NKE pump with integrated CUE

E-pump type	Medium speed 4000 RPM	Low speed 2200 RPM
NBE, NKE with MLE motors	3 - 30 hp (2.2 - 22 kW)	1.5 - 30 hp (1.1 - 22 kW)
NBE, NKE with integrated CUE	3 - 75 hp (2.2 - 55 kW)	1.5 - 75 hp (1.1 - 55 kW)

E-pumps with the above mentioned motor sizes can operate at medium speed (up to 4000 RPM maximum) or at low speed (up to 2000/2200 RPM maximum).



TM087005

Example: NBE 025-070

This pump size uses a 5 HP motor for both a fixed speed pump and for the speed controlled pump. The speed of the E-pump having a 6.77 inch impeller trim can be increased to 2200 RPM for part of the flow range until the motor reaches its power limit (around 215 GPM). When this happens the E-pump motor maintains max power output to the max flow of the pump – illustrated by a linear curve for both Flow-Head and Flow-Power performance.

The fixed speed pump operates at approximately 1750 RPM.

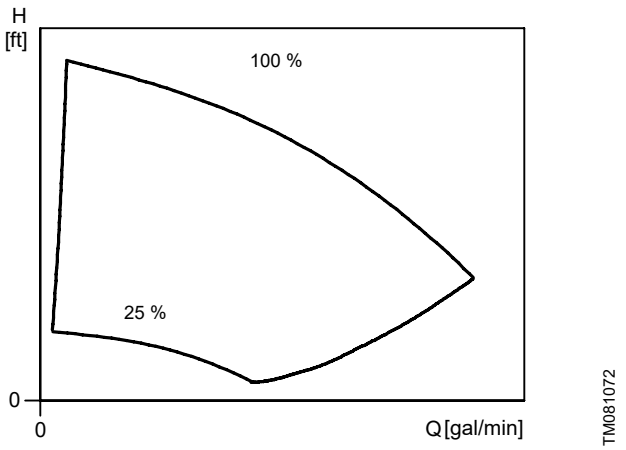
This means that having the same hydraulic design you will get a considerably larger performance area, and the E-pump is able to deliver higher head and flow rate with the same motor size.

E-pumps in connection with a CUE

Pumps with 6-pole motors or 2-pole and 4-pole motors larger than 75 hp can be connected to a Grundfos CUE or an external frequency converter.

The external speed control enables the pump to operate at any duty point between 25 % and 100 % speed. The performance adapts to current conditions and keeps the energy consumption at a minimum.

The 100 % curve corresponds to the curve of a pump with a mains-operated motor.



Duty range of E-pumps in connection with a CUE

Why select an E-pump

The main reasons for choosing a Grundfos E-pump instead of a conventional standard motor and separate frequency converter are listed as below:

1. Unique product
   - The motor and frequency converter are perfectly matched. The customer will not experience the same problems which may occur when using a standard motor with separate frequency converter, such as noise due to switch frequency.
   - Predefined intelligent control modes, such as constant pressure and constant level. These predefined control modes make it easy to fit the pump into any application.
2. Full application adaptation
   - Functionality is matched to the specific pump application.
   - Grundfos makes a customized configuration file to suit the customer's requirements.
   - Full adaptation to any control management system by means of various interfaces.
3. Simple and easy installation
   - Reduced installation and wiring costs compared to standard frequency converters.
   - Box product, ready for direct installation and use with preconfigured parameters.
   - No further programming required. An E-motor is a plug-and-pump product.
   - On-site customization of the software configuration file to adapt to changed operating parameters.
   - Control, monitor, install, commission, and email reports all from your smart device via the Grundfos GO technology.
4. One supplier
   - Complete product is supplied by one sole supplier. This gives the customer security as only one supplier needs to be contacted in case of problems or complaints.
5. Intelligence
   - New benefits by new advanced features and functions
   - The E pumps can interact with or control the surrounding devices by means of input/output terminals or signal relays.
6. Smart duty/standby and cascade functions enable the pump system to operate coordinately.
7. Energy saving due to very high efficiencies
   - All motors are IE5 and complete PDS (Power Drive System) high in IES2
   - Auto adapt to the flow points and no energy is wasted on excessive head.
8. Integrated solution
   - Ensure compactness and easy replacement from non-E to E product
9. Customization
   - All functional modules, user interfaces and CIM/CIU modules which can be customized to suit your needs
10. Low maintenance cost
    - High quality and high reliability - focus on avoiding bearing currents
11. Remote controllable
    - Support most of the protocols by integrated communication modules or accessories.
    - Easy to connect with the control systems.
    - Grundfos apps allow for easy monitoring and control of pumps via smart devices.

Maximum speed of the impeller

For stainless steel impellers the limit is 4000 RPM regardless of impeller size.

Mains supply

Pumps equipped with MLE motors: The supply voltage and frequency are indicated on the motor nameplate.

Pumps equipped with CUE and PM motors: The supply frequency is marked on the CUE nameplate. The supply voltage should be within the CUE rated voltage interval and equal to or higher than the motor rated voltage.

According to the equipped CUE and motor, the supply voltage should be one of below:

- 3 x 200-240V (CUE rated 3 x 200-240V, motor rated 3 x 200V)
- 3 x 460-500V (CUE rated 3 x 380-500V, motor rated 3 x 460V)
- 3 x 575-600V (CUE rated 3 x 525-600V, motor rated 3 x 575V)
- 3 x 575-690V (CUE rated 3 x 525-690V, motor rated 3 x 575V)

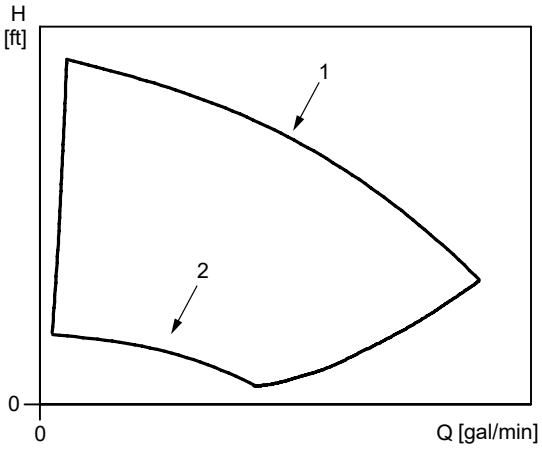
Affinity equations

Normally, NBSE pumps are used in applications characterized by a variable flow. Consequently, it is not possible to select a pump that is constantly operating at its optimum efficiency.

To achieve optimum operating economy, select the pump on the basis of the following criteria:

- The maximum duty point required must be as close as possible to the nominal speed QH curve of the pump.
- The flow rate at the duty point required must be close to the optimum efficiency (eta) for most operating hours.

Between the minimum and maximum performance curve, NBSE pumps have an infinite number of performance curves each representing a specific speed. It may therefore not be possible to select a duty point close to the maximum curve.



Minimum and maximum performance curves

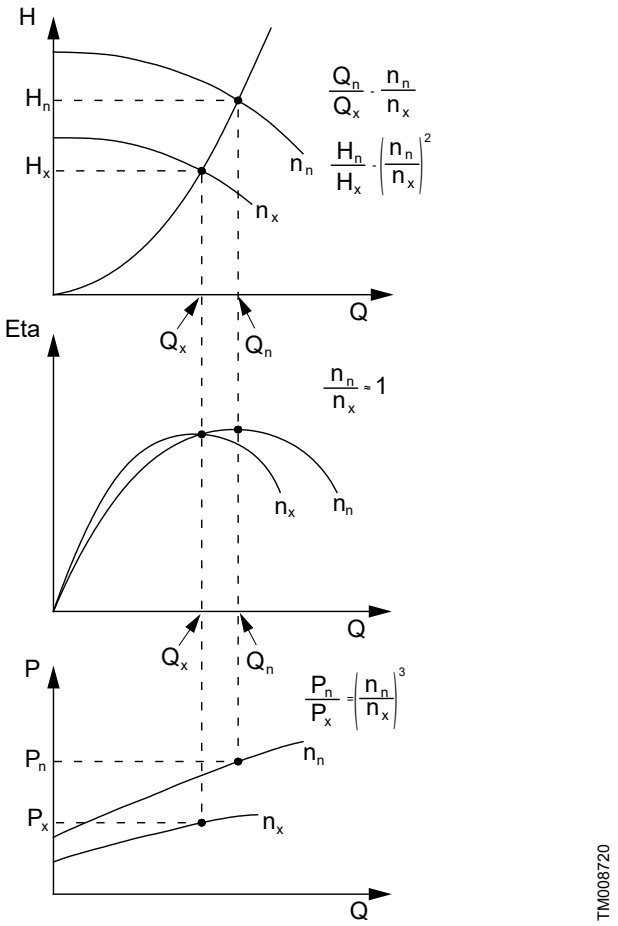
Pos.	Description
1	Maximum curve
2	Minimum curve

In situations where it is not possible to select a duty point close to the maximum curve, use the affinity equations below. The head (H), the flow rate (Q) and the input power (P) are the appropriate variables you need to be able to calculate the motor speed (n).

Note: The approximated formulas apply on condition that the system characteristic remains unchanged for n_n and n_x and that it is based on the formula H = k × Q2, where k is a constant.

The power equation implies that the pump efficiency is unchanged at the two speeds. In practice, this is not quite correct.

Finally, it is worth noting that the efficiencies of the frequency converter and the motor must be taken into account if a precise calculation of the power saving resulting from a reduction of the pump speed is wanted.



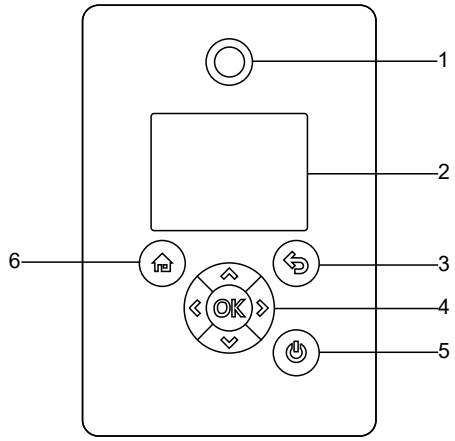
Affinity equations

H_n	Rated head in m
H_x	Actual head in m
Q_n	Rated flow rate in gal/min (m^3/h)
Q_x	Actual flow rate in gal/min (m^3/h)
P_n	Rated input power in hp (kW)
P_x	Actual input power in hp (kW)
n_n	Rated motor speed in min^{-1}
n_x	Actual motor speed in min^{-1}
η_n	Rated efficiency in %
η_x	Actual efficiency in %

Communication with the E-solution

	E-solution	
	MLE	CUE
Operating panel on unit	x	x
Grundfos GO control	x	-
Central building management system	x	x

Operating panel for MLE



TM054849

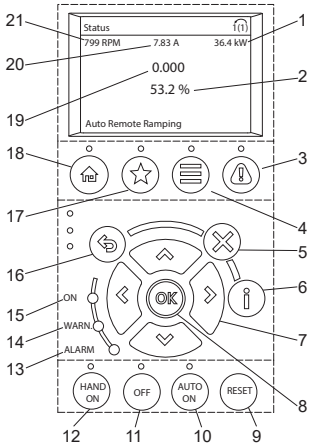
Advanced control panel

Pos.	Symbol	Description
1		Grundfos Eye The indicator light shows the operating status of the pump.
2	-	Graphical color display.
3		Press the button to go one step back.
4		Press the button to navigate between main menus, displays and digits. When you change the menu, the display always shows the top display of the new menu.
		Press the buttons to navigate between submenus or change value settings. **Note:** If you have disabled the possibility to make settings with the "Enable/disable settings" function, then you can enable it again temporarily by pressing these buttons simultaneously for at least 5 seconds.
	OK	Press the button to save changed values, reset alarms and expand the value field. The button enables radio communication with Grundfos GO and other products of the same type. When you try to establish radio communication between the pump and Grundfos GO or another pump, the green indicator light in Grundfos Eye flashes. A note also appears in the pump display stating that a wireless device wants to connect to the pump. Press OK on the pump control panel to allow radio communication with Grundfos GO and other products of the same type.
5		Press the button to make the pump ready for operation or to start and stop the pump. **Start:** If you press the button when the pump is stopped, the pump will only start if no other functions with higher priority have been enabled. **Stop:** If you press the button when the pump is running, the pump always stops. When you stop the pump via this button, the icon appears in the bottom of the display.
6		Press the button to go to the "Home" menu.

Operating panel

The operating panel consists of a display and several buttons. It enables manual setting and monitoring of the system, such as follows:

- Start, stop and control of speed.
- Reading of operating data and warnings and alarms.
- Setting functions for the frequency converter.
- Manual reset of the frequency converter.



TM074597

Operating panel

Pos.	Buttons	Description
1		Power [kW]
2		Reference [%]
3		[Alarm log]: shows a list of current warnings, the last 10 alarms and the maintenance log.
4		[Main menu]: allows access to all programming settings.
5		[Cancel]: cancels the last change or command as long as the display mode has not changed.
6		[Info]: press for a definition of the function being displayed.
7		[Up]/[Down]/[Left]/[Right]: use the four arrow buttons to navigate between items in the menu.
8	OK	[OK]: used to access parameter groups or to accept a selection.
9	RESET	[RESET]: resets the frequency converter manually after a fault has been cleared.
10	AUTO ON	[AUTO ON]: puts the system in remote operational mode. • Responds to an external start command by control terminals or serial communication.
11	OFF	[OFF]: stops the motor but does not remove power to the frequency converter.
12	HAND ON	[HAND ON]: starts the frequency converter in local control. • An external stop signal by control input or serial communication overrides the local [Hand On] function.
13	[Alarm] Red	A fault condition causes the red alarm light to flash and an alarm text is displayed.
14	[Warn.] Yellow	When warning conditions are met, the yellow warning light comes on and text appears in the display area identifying the problem.
15	[On] Green	The On light activates when the frequency converter receives power from the mains voltage, a DC bus terminal or an external 24 V supply.
16		[Back]: reverts to the previous step or list in the menu structure.
17		[Favourites]: allows access to programming parameters for initial set-up instructions and many detailed application instructions.
18		[Status]: shows operational information.
19		Frequency
20		Motor current
21		Speed, RPM

Remote control

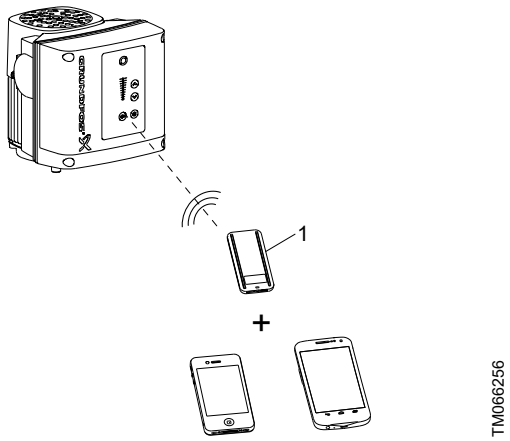
Grundfos GO

Grundfos GO, up to 15 hp medium speed and 10 hp low speed

The pump is designed for wireless radio or infrared communication with Grundfos GO.

Grundfos GO enables setting of functions and gives access to status overviews, technical product information and actual operating parameters.

Grundfos GO offers the following mobile interface, MI.



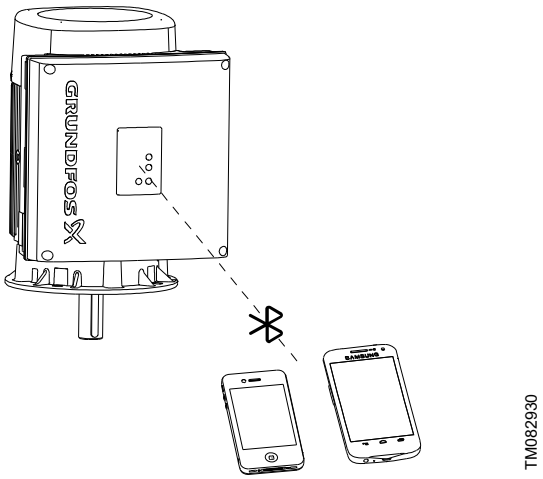
Grundfos GO communicating with the pump via radio or infrared connection, IR

Pos.	Description
1	Grundfos MI 301: Separate module enabling radio or infrared communication. You can use the module in conjunction with an Android or iOS-based smart device with Bluetooth connection.

Grundfos GO, from 20-30 hp medium speed and 15-30 hp low speed

The product is designed for wireless communication with Grundfos GO using Bluetooth (BLE).

Grundfos GO enables you to set functions and gives you access to status overviews, technical product information and current operating parameters.



Communication

When Grundfos GO initiates communication with the pump, the indicator light in the middle of Grundfos Eye flashes green. See section Priority of settings.

Furthermore, on pumps fitted with an advanced control panel a text appears in the display saying that a wireless device is trying to establish connection. Press **OK** on the pump in order to establish connection with Grundfos GO or press **Home** to reject connection.

Establish communication using one of these communication types:

- radio communication
- infrared communication
- Bluetooth communication

Communication with E-pumps

Communication with E-pumps is possible via a central building management system, remote control (Grundfos GO) or operating panel.

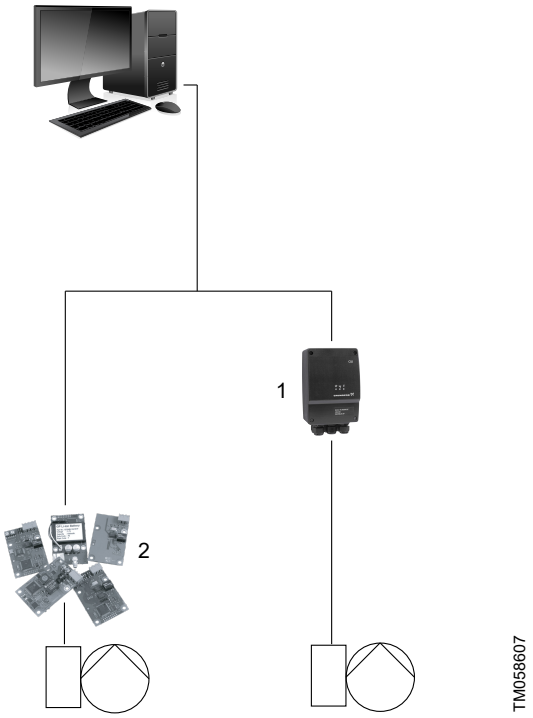
Central building management system

The operator can communicate with an E-pump at a distance by means of the CIU or CIM. Communication can take place via a central building management system allowing the operator to monitor and change control modes and setpoint settings.

The CIU unit can be used for all E-pumps and CIM module can only be used for pumps with MGE/MLE motors. Both can be ordered as accessory. For ordering details, see section CIU communication interface units and CIM communication interface modules.

Integrated communication modules

- E-pumps with CUE: Pumps with firmware version 1.4 or newer are integrated with BACnet MS/TP. Older firmware versions can be upgraded.
- E-pumps with MLE/MGE: Pumps rated at 20-30 hp (15 - 22 kW) medium speed or 15-30 hp (11 - 22 kW) low speed are integrated with Modbus RTU and Ethernet/IP.



Structure of a central building management system

Pos.	Description
1	CIU 100: LonWorks CIU 150: PROFIBUS DP CIU 200: Modbus RTU CIU 250: GSM CIU 270: GRM CIU 300: BACnet MS/TP CIU 500: Modbus TCP CIU 500: PROFINET IO
2	CIM 100: LonWorks CIM 150: PROFIBUS DP CIM 200: Modbus RTU CIM 260: 3G/4G cellular CIM 280: GRM GiC 3G/4G CIM 300: BACnet MS/TP CIM 500: PROFINET CIM 500: Modbus TCP CIM 500: BACnet IP CIM 500: EtherNet/IP CIM 500: GRM IP

Related information

CIU communication interface units

CIM communication interface modules

10. Selection of product

Key application data sheet

Our "Key application data sheet" can be used to gather the information typically needed in order to make the most suitable pump configuration.

Consider the following aspects when configuring a pump:

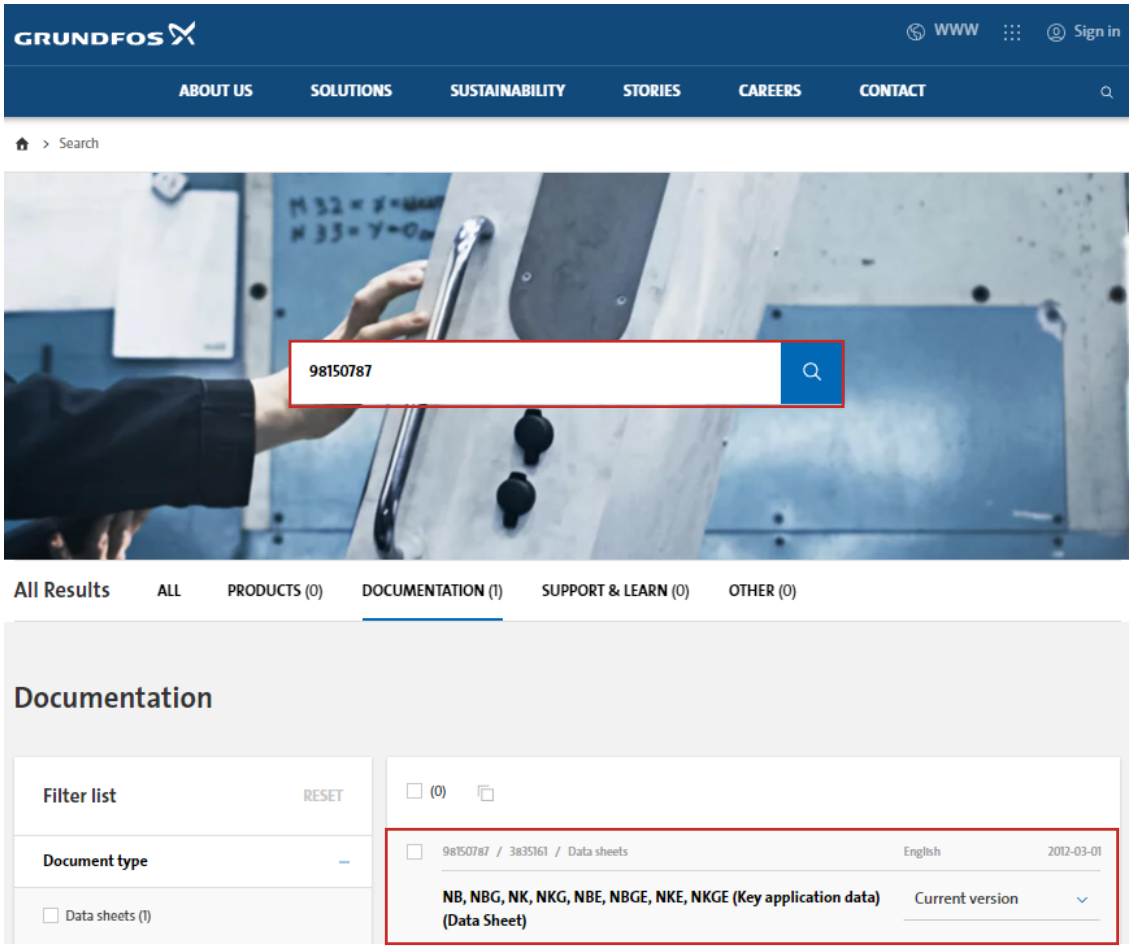
- the pumped liquid
- viscosity and density
- solids in the liquid
- operating temperatures and pressures
- customer-specific requirements.

These and other operating conditions listed in the data sheet are important for choosing the right pump material, shaft seal and shaft seal arrangement.

The data sheet can be seen as a check list and can be filled in by the customer alone or together with a Grundfos representative.

We recommend that you always fill in this data sheet as it saves a lot of time for the customer and for Grundfos.

The "Key application data sheet" can be found via the Grundfos.com web page.



TM1040614

How to find the "Key application data sheet" via the Grundfos.com web page.

Pump size

Select the pump size on the basis of these conditions:

- required flow rate and pressure at the draw-off point
- pressure loss as a result of height differences
- friction loss in the pipes. It may be necessary to account for pressure loss in connection with long pipes, bends or valves, etc.
- optimum efficiency at the estimated duty point.

Efficiency

If you expect the pump to always operate at the same duty point, select a pump which operates at a duty point corresponding to the optimum efficiency of the pump.

In case of controlled operation or varying consumption, select a pump whose optimum efficiency falls within the duty range covering the greater part of the duty time.

Material

Select the material variant on the basis of the liquid to be pumped. See section Pumped liquids.

Related information

11. Pumped liquids

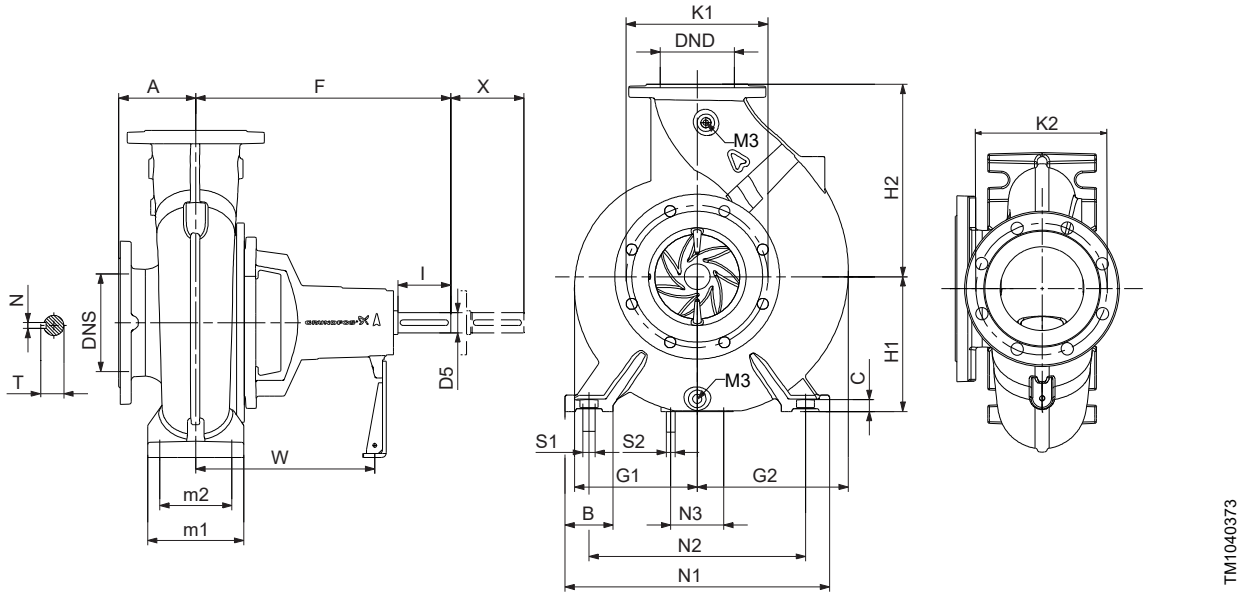
11. Pumped liquids

We recommend NB, NK pumps for thin, clean and non-explosive liquids not containing solid particles or fibres, such as water and water with glycol, pool water, sea water or brackish water.

Liquids with temperatures ranging from -13 to +284 °F (-25 to +140 °C) are covered in this data booklet.

12. NK bare-shaft pumps

NK, center-line outlet



M3	Drain plug or priming plu

Type	Pole	Pump [inch]											
		DNS	DND	A	F	H1	H2	M3	G1	G2	Class 125		Class 300	
											K1	K2	K1	K2
012-070	2	2.0	1.3	3.1	12.8	5.3	7.0	NPT1/4"	4.7	5.2	4.8	3.5	5.0	3.9
	4	2.0	1.3	3.1	12.8	5.3	7.0	NPT1/4"	4.7	5.2	4.8	3.5	5.0	3.9
015-070	2	2.5	1.5	3.1	14.2	5.3	7.0	NPT1/4"	4.8	5.6	5.5	3.9	5.9	4.5
	4	2.5	1.5	3.1	14.2	5.3	7.0	NPT1/4"	4.8	5.6	5.5	3.9	5.9	4.5
015-090	2	2.5	1.5	4.0	15.2	7.0	9.0	NPT1/4"	6.6	6.6	5.5	3.9	5.9	4.5
	4	2.5	1.5	4.0	14.2	7.0	9.0	NPT1/4"	6.6	6.6	5.5	3.9	5.9	4.5
015-095	2	2.5	1.5	4.0	15.2	7.0	9.0	NPT1/4"	6.7	6.6	5.5	3.9	5.9	4.5
	4	2.5	1.5	4.0	14.2	7.0	9.0	NPT1/4"	6.7	6.6	5.5	3.9	5.9	4.5
020-095	2	2.5	2.0	4.0	15.8	7.0	9.0	NPT1/4"	6.6	6.7	5.5	4.8	5.9	5.0
	4	2.5	2.0	4.0	14.2	7.0	9.0	NPT1/4"	6.6	6.7	5.5	4.8	5.9	5.0
020-110	4	2.5	2.0	4.0	14.2	7.0	9.0	NPT1/4"	6.5	7.0	5.5	4.8	5.9	5.0
020-135	4	3.0	2.0	5.0	18.5	9.0	11.0	NPT1/4"	8.1	8.7	6.0	4.8	6.6	5.0
025-070	2	3.0	2.5	4.0	14.2	6.3	8.0	NPT1/4"	5.0	5.8	6.0	5.5	6.6	5.9
	4	3.0	2.5	4.0	12.8	6.3	8.0	NPT1/4"	5.0	5.8	6.0	5.5	6.6	5.9
025-095	2	3.0	2.5	4.0	20.1	8.0	10.0	NPT1/4"	6.7	7.5	6.0	5.5	6.6	5.9
	4,6	3.0	2.5	4.0	14.2	8.0	10.0	NPT1/4"	6.7	7.5	6.0	5.5	6.6	5.9
025-110	4,6	3.0	2.5	5.0	18.5	8.0	11.0	NPT1/4"	7.2	7.8	6.0	5.5	6.6	5.9
030-070	2	4.0	3.0	4.0	14.2	6.3	9.0	NPT1/4"	5.4	6.6	7.5	6.0	7.9	6.6
	4	4.0	3.0	4.0	12.8	6.3	9.0	NPT1/4"	5.4	6.6	7.5	6.0	7.9	6.6
030-095	2	4.0	3.0	5.0	16.5	8.0	11.0	NPT1/4"	6.9	8.3	7.5	6.0	7.9	6.6
	4,6	4.0	3.0	5.0	15.0	8.0	11.0	NPT1/4"	6.9	8.3	7.5	6.0	7.9	6.6
030-110	4,6	4.0	3.0	5.0	18.5	8.0	12.5	NPT1/4"	7.2	8.2	7.5	6.0	7.9	6.6
030-135	4,6	4.0	3.0	5.0	18.5	10.0	12.5	NPT1/4"	8.4	9.7	7.5	6.0	7.9	6.6
040-070	2	5.0	4.0	5.0	15.2	7.0	10.0	NPT1/4"	5.5	7.1	8.5	7.5	9.3	7.9
	4,6	5.0	4.0	5.0	14.2	7.0	10.0	NPT1/4"	5.5	7.1	8.5	7.5	9.3	7.9

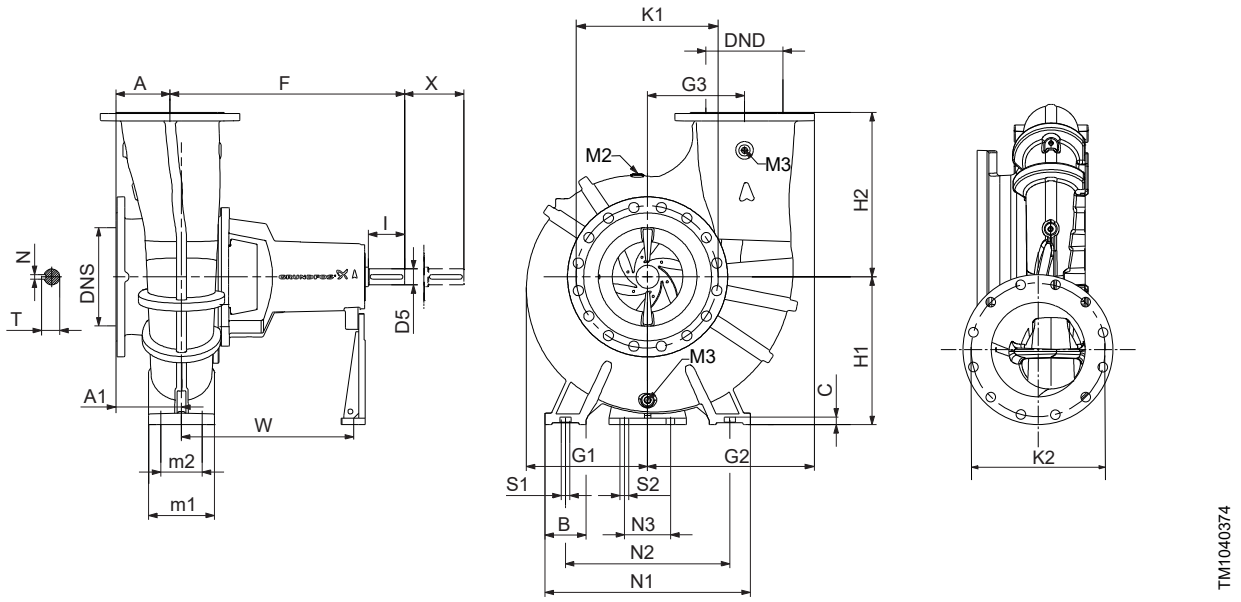
Type	Pole	Pump [inch]												
		DNS	DND	A	F	H1	H2	M3	G1	G2	Class 125		Class 300	
											K1	K2	K1	K2
040-095	2	5.0	4.0	5.5	16.5	9.0	11.0	NPT1/4"	7.2	9.0	8.5	7.5	9.3	7.9
	4,6	5.0	4.0	5.5	15.0	9.0	11.0	NPT1/4"	7.2	9.0	8.5	7.5	9.3	7.9
040-110	4,6	5.0	4.0	5.5	18.5	9.0	12.5	NPT1/4"	7.4	9.0	8.5	7.5	9.3	7.9
040-135	4,6	5.0	4.0	5.5	18.5	10.0	12.5	NPT1/4"	8.4	9.8	8.5	7.5	9.3	7.9
040-150	4,6	5.0	4.0	5.5	20.9	11.0	14.0	NPT1/4"	10.9	12.0	8.5	7.5	9.3	7.9
050-070	2	6.0	5.0	5.0	14.2	8.0	11.0	NPT1/4"	6.4	8.5	9.5	8.5	10.6	9.3
	4,6	6.0	5.0	5.0	14.2	8.0	11.0	NPT1/4"	6.4	8.5	9.5	8.5	10.6	9.3
050-095	4,6	6.0	5.0	5.5	16.5	10.0	14.0	NPT1/4"	7.4	10.1	9.5	8.5	10.6	9.3
050-110	4,6	6.0	5.0	5.5	18.5	10.0	14.0	NPT1/4"	8.3	10.8	9.5	8.5	10.6	9.3
050-135	4,6	6.0	5.0	5.5	20.9	11.0	14.0	NPT1/4"	8.9	10.7	9.5	8.5	10.6	9.3
050-150	4,6	6.0	5.0	5.5	20.9	12.5	15.8	NPT1/4"	10.9	13.4	9.5	8.5	10.6	9.3
060-095	4,6	8.0	6.0	6.3	16.5	11.0	14.8	NPT1/4"	9.1	11.8	11.8	9.5	13.0	10.6
060-110	4,6	8.0	6.0	6.3	20.9	11.0	14.8	NPT1/4"	8.9	11.5	11.8	9.5	13.0	10.6
060-135	4,6	8.0	6.0	6.3	20.9	11.0	15.8	NPT1/4"	10.2	12.5	11.8	9.5	13.0	10.6
060-150	4,6	8.0	6.0	6.3	26.4	12.5	17.8	NPT1/4"	11.3	14.0	11.8	9.5	13.0	10.6

Type	Pole	Supporting feet [inch]										Shaft [inch]				
		B	m1	m2	N1	N2	N3	W	S1	S2	C	D5 [inch/mm]	l	X [27)]	T	N
012-070	2	2.0	3.9	2.8	9.5	7.5	4.3	9.1	M12	M12	0.6	0.6/16	2.0	3.9	0.7	0.2
	4	2.0	3.9	2.8	9.5	7.5	4.3	9.1	M12	M12	0.6	0.6/16	2.0	3.9	0.7	0.2
015-070	2	2.0	3.9	2.8	9.5	7.5	4.3	10.5	M12	M12	0.5	0.9/24	2.0	3.9	1.1	0.3
	4	2.0	3.9	2.8	9.5	7.5	4.3	10.5	M12	M12	0.5	0.6/16	2.0	3.9	0.7	0.2
015-090	2	2.6	4.9	3.7	12.6	9.8	4.3	11.2	M12	M12	0.7	0.9/24	2.0	3.9	1.1	0.3
	4	2.6	4.9	3.7	12.6	9.8	4.3	10.3	M12	M12	0.7	0.9/24	2.0	3.9	1.1	0.3
015-095	2	2.6	4.9	3.7	12.6	9.8	4.3	11.2	M12	M12	0.7	0.9/24	2.0	3.9	1.1	0.3
	4	2.6	4.9	3.7	12.6	9.8	4.3	10.3	M12	M12	0.7	0.9/24	2.0	3.9	1.1	0.3
020-095	2	2.6	4.9	3.7	12.6	9.8	4.3	10.8	M12	M12	0.8	1.3/32	3.2	3.9	1.4	0.4
	4	2.6	4.9	3.7	12.6	9.8	4.3	10.3	M12	M12	0.8	0.9/24	2.0	3.9	1.1	0.3
020-110	4	2.6	4.9	3.7	12.6	9.8	4.3	10.3	M12	M12	0.7	0.9/24	2.0	3.9	1.1	0.3
020-135	4	2.6	4.9	3.7	13.6	11.0	4.3	13.4	M12	M12	0.7	1.3/32	3.2	5.5	1.4	0.4
025-070	2	2.6	4.9	3.7	11.0	8.4	4.3	10.4	M12	M12	0.6	0.9/24	2.0	5.5	1.1	0.3
	4	2.6	4.9	3.7	11.0	8.4	4.3	10.4	M12	M12	0.6	0.6/16	2.0	5.5	0.7	0.2
025-095	2	3.2	6.3	4.6	14.2	11.0	4.3	15.1	M16	M12	0.9	1.3/32	3.2	3.9	1.4	0.4
	4,6	3.2	6.3	4.6	14.2	11.0	4.3	10.4	M16	M12	0.9	0.9/24	2.0	3.9	1.1	0.3
025-110	4,6	3.2	6.3	4.7	14.2	11.0	4.3	13.4	M16	M12	0.7	1.3/32	3.2	5.5	1.4	0.4
030-070	2	2.6	4.9	3.7	11.0	8.4	4.3	10.4	M12	M12	0.7	0.9/24	2.0	5.5	1.1	0.3
	4	2.6	4.9	3.7	11.0	8.4	4.3	9.0	M12	M12	0.7	0.6/16	2.0	5.5	0.7	0.2
030-095	2	3.2	6.3	4.7	15.8	12.4	4.3	11.6	M16	M12	0.8	1.3/32	3.2	5.5	1.4	0.4
	4,6	3.2	6.3	4.7	15.8	12.4	4.3	11.1	M16	M12	0.8	0.9/24	2.0	5.5	1.1	0.3
030-110	4,6	3.2	6.3	4.7	15.8	12.4	4.3	13.4	M16	M12	0.8	1.3/32	3.2	5.5	1.4	0.4
030-135	4,6	3.0	6.3	4.7	15.8	12.4	4.3	13.4	M16	M12	0.6	1.3/32	3.2	5.5	1.4	0.4
040-070	2	2.6	4.9	3.7	13.6	11.0	4.3	11.2	M12	M12	0.7	0.9/24	2.0	5.5	1.1	0.3
	4,6	2.6	4.9	3.7	13.6	11.0	4.3	10.3	M12	M12	0.7	0.9/24	2.0	5.5	1.1	0.3
040-095	2	3.2	6.3	4.7	15.8	12.4	4.3	11.6	M16	M12	1.0	1.3/32	3.2	5.5	1.4	0.4
	4,6	3.2	6.3	4.7	15.8	12.4	4.3	11.1	M16	M12	1.0	0.9/24	2.0	5.5	1.1	0.3
040-110	4,6	3.2	6.3	4.7	15.8	12.4	4.3	13.4	M16	M12	0.8	1.3/32	3.2	5.5	1.4	0.4
040-135	4,6	3.2	6.3	4.6	15.8	12.4	4.3	13.4	M16	M12	0.9	1.3/32	3.2	5.5	1.4	0.4
040-150	4,6	3.9	7.9	5.9	19.7	15.8	4.3	14.5	M20	M12	0.9	1.7/42	4.3	7.1	1.8	0.5
050-070	2	3.2	6.3	4.7	14.2	11.0	4.3	10.4	M16	M12	0.7	0.9/24	2.0	5.5	1.1	0.3
	4,6	3.2	6.3	4.7	14.2	11.0	4.3	10.4	M16	M12	0.7	0.9/24	2.0	5.5	1.1	0.3
050-095	4,6	3.2	6.3	4.7	15.8	12.4	4.3	11.6	M16	M12	1.1	1.3/32	3.2	5.5	1.4	0.4
050-110	4,6	3.4	6.3	4.7	15.8	12.4	4.3	13.4	M16	M12	0.9	1.3/32	3.2	7.1	1.4	0.4

Type	Pole	Supporting feet [inch]										Shaft [inch]				
		B	m1	m2	N1	N2	N3	W	S1	S2	C	D5 [inch/mm]	l	X [27)]	T	N
050-135	4,6	3.9	7.9	5.9	19.7	15.8	4.3	14.5	M20	M12	0.9	1.7/42	4.3	7.1	1.8	0.5
050-150	4,6	3.9	7.9	5.9	19.7	15.8	4.3	14.5	M20	M12	1.0	1.7/42	4.3	7.1	1.8	0.5
060-095	4,6	3.9	7.9	5.9	19.7	15.8	4.3	11.6	M20	M12	0.7	1.3/32	3.2	7.1	1.4	0.4
060-110	4,6	3.9	7.9	5.9	19.7	15.8	4.3	14.5	M20	M12	0.9	1.7/42	4.3	7.1	1.8	0.5
060-135	4,6	3.9	7.9	5.9	21.7	17.7	4.3	14.5	M20	M12	0.9	1.7/42	4.3	7.1	1.8	0.5
060-150	4,6	3.9	7.9	5.9	21.7	17.7	5.5	19.8	M20	M16	0.9	1.9/48	4.3	7.1	2.0	0.6

27) X is the minimum pull-back length of the bearing bracket required for service of impeller and shaft seal.

NK, tangential outlet



M3	Drain plug or priming plug	

Type	Pole	Pump [inch]													
		DNS	DND	A	A1	F	H1	H2	M3	G1	G2	G3	Class 125		Class 300	
													K1	K2	K1	K2
080-135	4,6	10.0	8.0	6.3	6.3	20.9	13.8	14.0	NPT1/4"	12.4	17.2	10.4	14.3	11.8	15.3	13.0
080-150	4,6	10.0	8.0	7.3	7.3	26.4	15.8	15.8	NPT1/4"	14.2	18.2	11.4	14.3	11.8	15.3	13.0
100-150	4,6	12.0	10.0	6.5	7.9	28.1	17.8	19.8	NPT1/4"	14.5	19.6	11.6	17.0	14.3	17.8	15.3

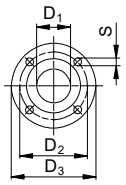
Type	Pole	Supporting feet [inch]										Shaft [inch]				
		B	m1	m2	N1	N2	N3	W	S1	S2	C	D5 [inch/mm]	I	X [28)]	T	N
080-135	4,6	4.9	7.9	5.9	24.6	19.7	4.3	14.4	M20	M12	1.1	1.7/42	4.3	7.1	1.8	0.5
080-150	4,6	4.9	7.9	5.9	24.6	19.7	5.5	19.7	M20	M16	1.1	1.9/48	4.3	7.9	2.0	0.6
100-150	4,6	4.9	7.9	5.9	24.6	19.7	5.5	20.0	M20	M16	0.9	1.9/48	4.3	7.9	2.0	0.6

28) X is the minimum pull-back length of the bearing bracket required for service of impeller and shaft seal.

13. Pump flange dimensions

Fixed pump flanges, ASME/ANSI B16.1

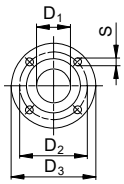
ASME/ANSI B16.1 is the standard used for cast iron pump flanges and flange fittings, classes 125 and 250.



	Class 125										
	Nominal diameter [inch]										
D_1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12
D_2	3 1/2	3 7/8	4 3/4	5 1/2	6	7 1/2	8 1/2	9 1/2	11 3/4	14 1/4	17
D_3	4 5/8	5	6	7	7 1/2	9	10	11	13 1/2	16	19
S	4 x ∅5/8	4 x ∅5/8	4 x ∅3/4	4 x ∅3/4	4 x ∅3/4	8 x ∅3/4	8 x ∅7/8	8 x ∅7/8	8 x ∅7/8	12 x ∅1	12 x ∅1
Thickness	0.51	0.59	0.67	0.72	0.78	0.98	0.97	1.03	1.13	1.22	1.25

Loose pump flanges, ASME/ANSI B16.42

ASME/ANSI B16.42 is the standard used for ductile iron flanges and flanged fittings, classes 150 and 300.

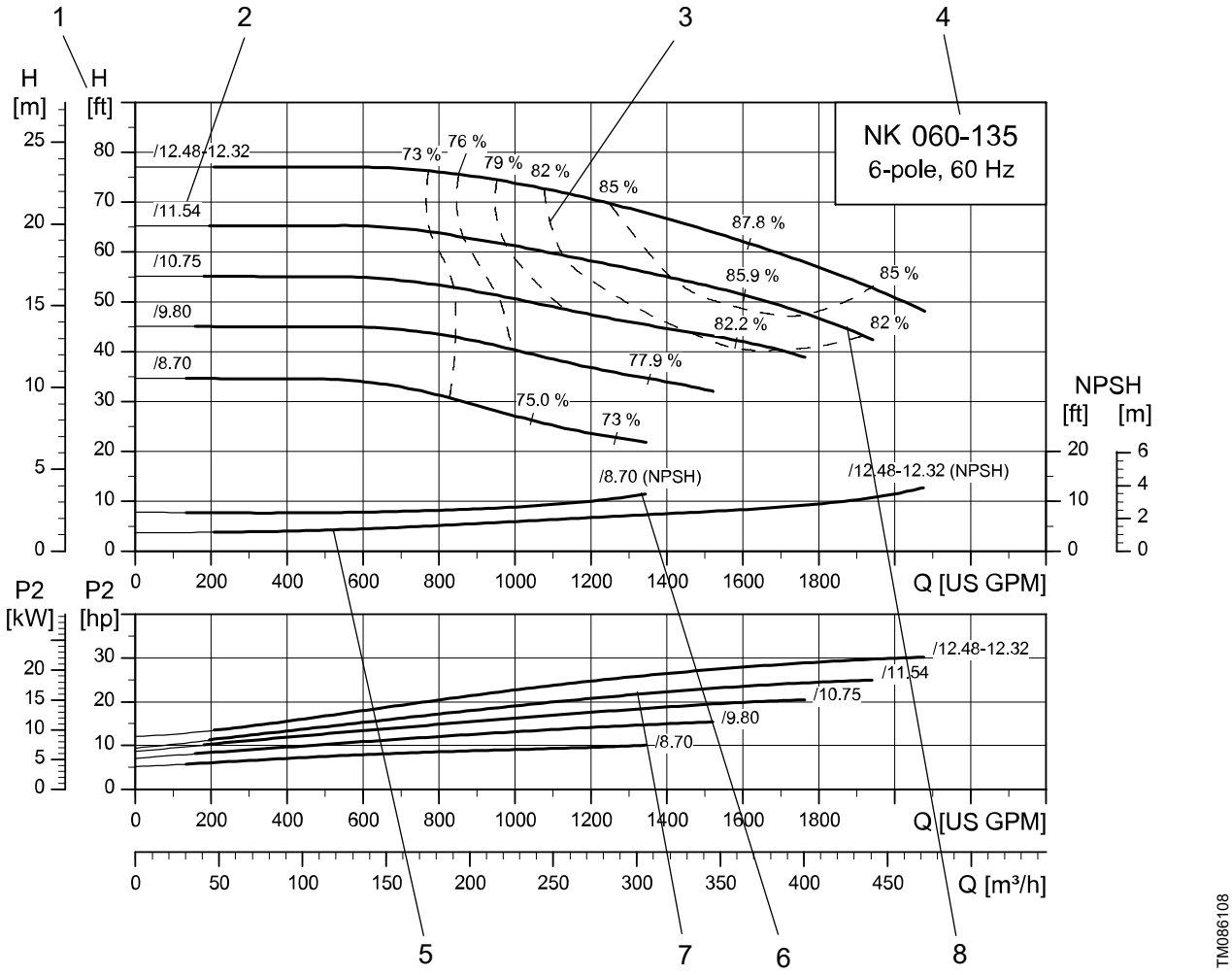


	Class 300									
	Nominal diameter [inch]									
D_1	1 1/2	2	2 1/2	3	4	5	6	8	10	12
D_2	4 1/2	5	5 7/8	6 5/8	7 7/8	9 1/4	10 5/8	13	15 1/4	17 3/4
D_3	6 1/8	6 1/2	7 1/2	8 1/4	10	11	12 1/2	15	17 1/2	20 1/2
S	4 x ∅7/8	8 x ∅3/4	8 x ∅7/8	8 x ∅7/8	8 x ∅7/8	8 x ∅7/8	12 x ∅7/8	12 x ∅1	16 x ∅1 1/8	16 x ∅1 1/4
Reference thickness [29)]	0.71	0.81	0.94	0.98	0.98	1.02	1.10	1.34	1.57	1.81

29) The thickness of the loose flanges is not fully aligned with the standard.

14. Introduction to curves and technical data

How to read the curve charts



Pos.	Description
1	Total pump head, H [ft] or H [m] is equal to H_{total}
2	Impeller diameter [inch]
3	Hydraulic efficiency curves are shown as dashed lines, eta [%]
4	Pump size, pole number and frequency
5	The NPSH curve is shown for maximum impeller size.
6	The NPSH curve is shown for minimum impeller size.
7	The power curve indicates pump input power P2 [hp]
8	QH curve for the individual pump. The bold curve indicates the recommended performance range.

The shown pump performance curves in section Performance curves represent the pump in combination with a NEMA Premium Baldor motor or a NEMA Super Premium MLE motor.

Curve conditions

The guidelines below apply to the curves shown in the performance charts shown in section Performance curves.

- Tolerances are according to HI 14.6:2016.
- The curves show pump performance with different impeller diameters at the nominal speed.
- The bold part of the curves shows the recommended operating range.
- We do not recommend the thin parts as the possible operating range here might suggest the selection of a smaller or larger pump size.
- Do not use the pumps at minimum flow rates below 0.1 x Q_{max} because of the danger of overheating the pump.
- The curves apply to the pumping of water at a temperature of 68 °F (20 °C) and a kinematic viscosity of 1 mm^2/s (1 cSt).
- Eta: The dashed lines show values of the hydraulic efficiency of the pump.
- NPSH: The curves show maximum values measured under the same conditions as the performance curves.
- In case of a specific gravity other than that of water at 68 °F (0.036 lb/in^3), the outlet pressure is proportional to the specific gravity.
- When pumping liquids with a specific gravity higher than 1000 kg/m^3 (0.036 lb/in^3), motors with correspondingly higher outputs must be used.

Calculation of total head

The total pump head consists of the height difference between the measuring points + the differential head + the dynamic head.

$H_{total} = H_{geo} + H_{stat} + H_{dyn}$

H_{geo}	Height difference between measuring points.
H_{stat}	Differential head between the inlet and outlet sides of the pump.
H_{dyn}	Calculated values based on the velocity of the pumped liquid on the inlet and outlet sides of the pump.

Pump performance testing

NB, NK testers are all capable of performing hydraulic performance tests according to HI 14.6:2016 requirements.

The standard HI 14.6:2016 sets standards for "rotodynamic pumps, Hydraulic performance acceptance tests, Grades 1, 2 and 3".

Performance acceptance grades

Six pump-performance-test acceptance grades, 3B, 2B, 2U, 1B, 1E and 1U are defined in HI 14.6:2016.

Acceptance grade	Mandatory measurements		Optional measurements	
	Q	H	P1	Eta-tot
3B	± 9 %	± 7 %	+ 9 %	- 7 %
2B	± 8 %	± 5 %	+ 8 %	- 5 %
2U	+ 16 %	+ 10 %	+ 16 %	
1B	± 5 %	± 3 %	+ 4 %	- 3 %
1E	± 5 %	± 3 %	+ 4 %	≥ 0 %
1U	+ 10 %	+ 6 %	+ 10 %	

Q:	Flow
H:	Head
P1:	Total consumed power
Eta-tot:	Total efficiency

These tolerance grades can be used in the contract between the pump manufacturer and the purchaser, or they can be used in a default tolerance factor which will apply if no specific tolerance grade has been agreed between the manufacturer and the customer.

The performance acceptance grades are explained in section Specifying acceptance grades and Acceptance grades and tolerances, showing the performance grades related to an ordinary pump curve.

The guarantee points

According to HI 14.6:2016 the acceptance-grade tolerance applies to one guarantee point.

A guarantee point is defined by a guaranteed flow and a guaranteed head.

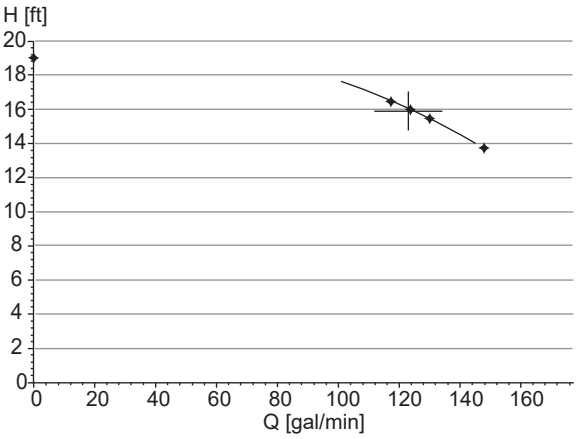
In addition, either minimum total efficiency or maximum total input power may be guaranteed at the specified conditions.

This means that the standard sets guidelines for a duty point guaranteed for the following:

- Q and H - or
- Q, H and total efficiency (Eta-total) - or
- Q, H and total consumed power (P1).

The guarantee point is defined by a minimum of five measured test points.

Example on a duty point test living up to HI 14.6:2016 requirements

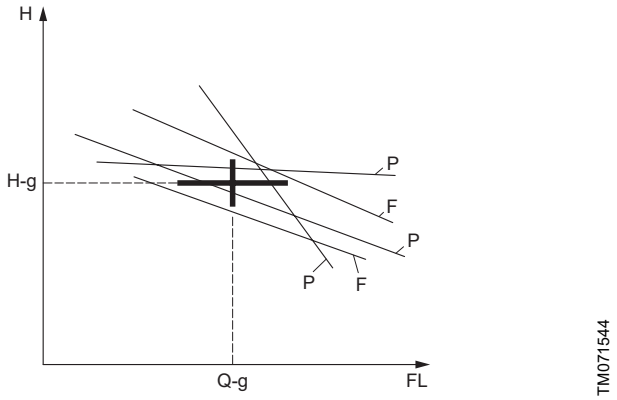


Five measured test points are used to verify one guarantee point

Evaluation of performance

The test must show that the measured pump curve touches or passes through a tolerance surrounding the guarantee point, as defined by the selected acceptance grade.

Guarantee-point evaluation must be made at the rated speed, which for NB pumps means 60 Hz.



Pump curves that either pass or fail to cross the tolerance cross of the guarantee point

Pos.	Description
Q-g	Q-guaranteed
H-g	H-guaranteed
P	Pass
F	Fail
H	Head
FL	Flow

Performance-test types

A duty point test can be made for NB, NK pumps.

Tests carried out on pumps

- Tests are saved for at least five years and can be traced using the pump's unique serial number.
- It is not possible to change acceptance grade on an already tested and supplied pump - if this should be required a re-test of the pump is needed.
- Witness testing can be arranged.

Duty-point-verification test, Grades 2B, 3B, 2U, 1B, 1E and 1U

This test method offers the possibility to perform a duty-point verification of the following:

- Q and H - or
- Q, H and total efficiency (Eta-tot) - or
- Q, H and total consumed power (P1).

Acceptance grade	Mandatory measurements		Optional measurements	
	Q	H	P1	Eta-tot
2B	Standard		Refer to factory	
3B	Refer to factory		Refer to factory	
2U				
1B	Refer to factory		Refer to factory	
1E				
1U				

What Grundfos is able to guarantee for the different acceptance grades will be evaluated case by case. Contact your local sales company on this.

Grundfos makes duty-point verification according to HI 14.6:2016 for one guarantee point at full speed, 60 Hz. The customer must tell Grundfos which duty point to verify. If no duty point is specified by the customer, the performance is validated in BEP (best efficiency point).

The requested duty point is verified by five measured points. If more points are to be tested in addition to the five test points to verify duty point, this must be stated in the order.

A maximum of 9 evenly distributed test points are available.

Grade 2B duty-point verification

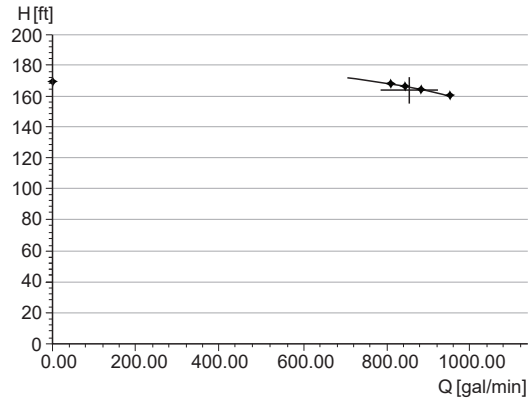
The following example illustrates performance testing according to Grade 2B.

Flow and head are mandatory and efficiency or power consumption, P1, is optional.

Tolerances for a Grade 2B test are as follows:

- Flow: ± 8 %
- Head: ± 5 %
- Efficiency: - 5 %, only equal to or better than the guaranteed value
- P1: + 8 %

Q and H are tested and verified



TM078005

Measured values for flow and head

Grade 1B duty-point verification

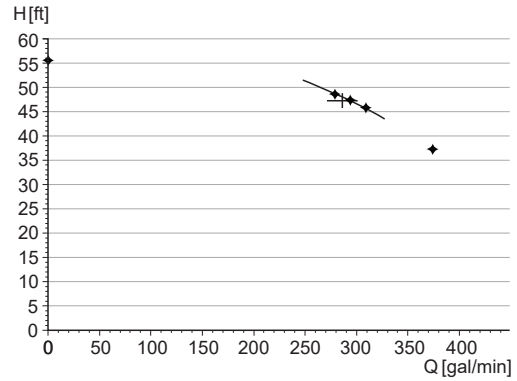
The following example illustrates performance testing according to Grade 1B.

Flow and head are mandatory and efficiency or power consumption, P1, is optional.

Tolerances for a Grade 1B test are as follows:

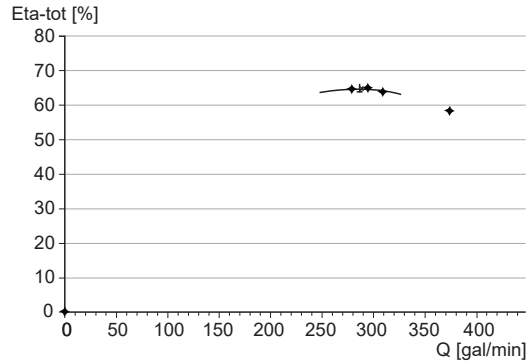
- Flow: ± 5 %
- Head: ± 3 %
- Efficiency: - 3 %, only equal to or better than the guaranteed value
- P1: + 4 %

Q, H and Eta-tot are tested and verified



TM078003

Measured values for flow and head



TM078004

Measured values for total efficiency

Grade 1U duty-point verification

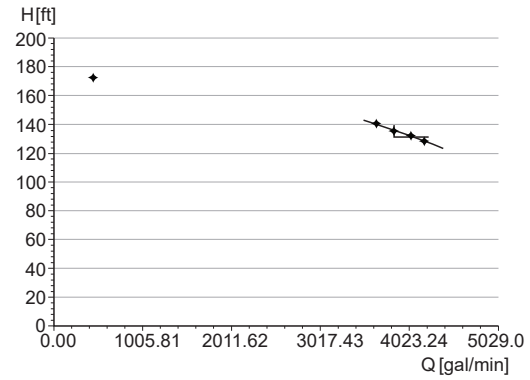
The following example illustrates performance testing according to Grade 1U.

Flow and head are mandatory and efficiency or power consumption, P1, is optional.

Tolerances for a Grade 1U test are as follows:

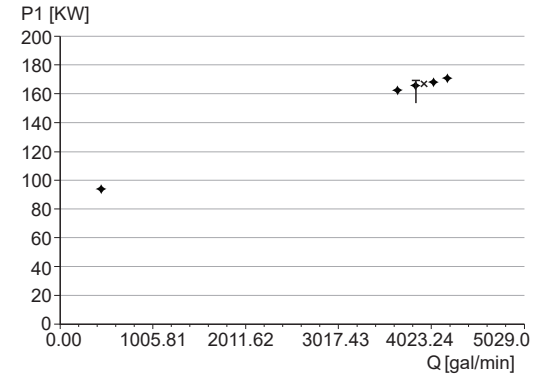
- Flow: + 10 %
- Head: + 6 %
- Efficiency: 0 %, only equal to or better than the guaranteed value
- P1: + 10 %

Q, H and P1 are tested and verified



TM078061

Measured values for flow and head



TM078062

Measured values for consumed power

Static high pressure test

All produced pumps undergo a static high pressure test of 1.5 x PN (pressure rating of the pump).

Specifying acceptance grades

The graphs in section Acceptance grades and tolerances show the tolerances as stated in the standard, related to an ordinary pump curve. The graphs also show which pump performance to expect if the customer, having the same pump to start with, orders a pump with the same guarantee point for different tolerances (B, E or U) within the acceptance grades.

In some cases it will not be possible to fulfil the same guarantee point for a unilateral tolerance as it will for a bilateral tolerance. This is indicated by the lowered curve for "E" and "U" grades.

If the requested guarantee point is the same for a Grade U pump as for a Grade B pump, the consequence of the production tolerances could result in a larger pump being required to obtain the requested duty point.

What Grundfos is able to guarantee for the different acceptance grades will be evaluated case by case. Contact your local sales company on this.

Acceptance grades and tolerances

Acceptance grade B

This acceptance grade refers to grades with a bilateral tolerance on flow and head and with a tolerance on efficiency.

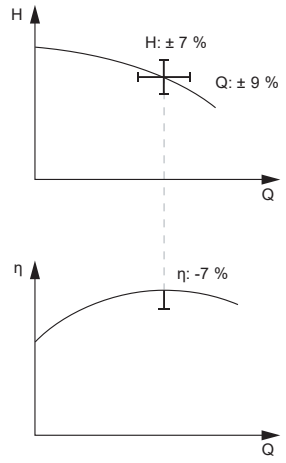
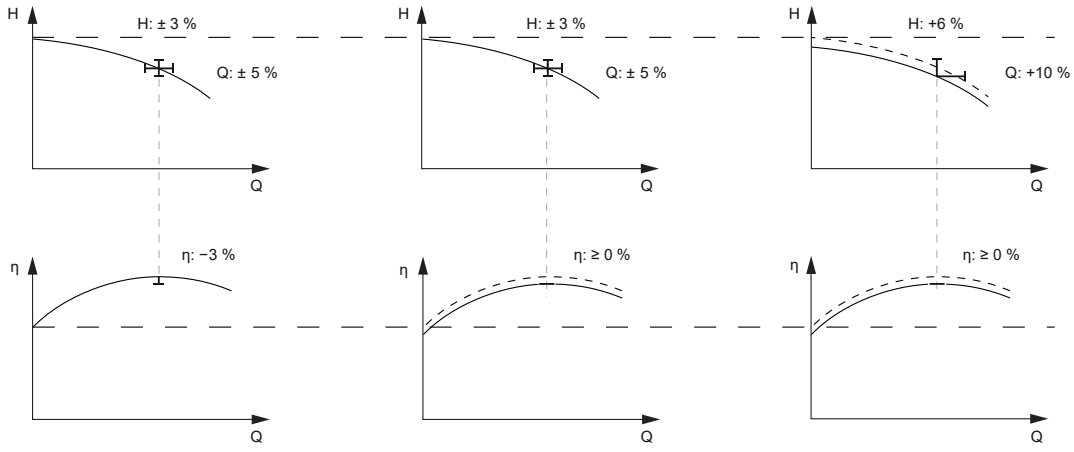
Acceptance grade E

This acceptance grade refers to a grade with a bilateral tolerance on flow and head but without tolerance on efficiency.

Acceptance grade U

This acceptance grade refers to a grade with a unilateral tolerance on flow and head. For the 2U grade there is a tolerance on efficiency. For the 1U grade there is no tolerance on efficiency.

Note that if the acceptance grade changes from Grade 1B to 1U, the customer does not necessarily get a better pump with a higher efficiency. More likely, he gets a pump where the performance is always to the positive side of the guarantee point.

	Acceptance grade		
	B	E	U
Grade 3			TM071546
Grade 2			TM071547
Grade 1			TM071548

15. Performance curves

Overview

NBE, NKE pumps with speed-controlled motors

Pump size	Medium speed, 4000 RPM, CUE 200-240V	Low speed, 2000/2200 RPM, CUE 200-240V	Medium speed, 4000 RPM, MLE 200-240V, MLE & CUE 460V	Low speed 2000/2200 RPM, MLE & CUE 460V
NBE, NKE 012-070	See *NBE, NKE 012-070*	See *NBE, NKE 012-070*	See *NBE, NKE 012-070*	See *NBE, NKE 012-070*
NBE, NKE 015-070	See *NBE, NKE 015-070*	See *NBE, NKE 015-070*	See *NBE, NKE 015-070*	See *NBE, NKE 015-070*
NBE, NKE 015-090	See *NBE, NKE 015-090*	See *NBE, NKE 015-090*	See *NBE, NKE 015-090*	See *NBE, NKE 015-090*
NBE, NKE 015-095	See *NBE, NKE 015-095*	See *NBE, NKE 015-095*	See *NBE, NKE 015-095*	See *NBE, NKE 015-095*
NBE, NKE 020-095	See *NBE, NKE 020-095*	See *NBE, NKE 020-095*	See *NBE, NKE 020-095*	See *NBE, NKE 020-095*
NBE, NKE 020-110	-	See *NBE, NKE 020-110*	-	See *NBE, NKE 020-110*
NBE, NKE 020-135	-	See *NBE, NKE 020-135*	-	See *NBE, NKE 020-135*
NBE, NKE 025-070	See *NBE, NKE 025-070*	See *NBE, NKE 025-070*	See *NBE, NKE 025-070*	See *NBE, NKE 025-070*
NBE, NKE 025-095	See *NBE, NKE 025-095*	See *NBE, NKE 025-095*	See *NBE, NKE 025-095*	See *NBE, NKE 025-095*
NBE, NKE 025-110	-	See *NBE, NKE 025-110*	-	See *NBE, NKE 025-110*
NBE, NKE 030-070	See *NBE, NKE 030-070*	See *NBE, NKE 030-070*	See *NBE, NKE 030-070*	See *NBE, NKE 030-070*
NBE, NKE 030-095	See *NBE, NKE 030-095*	See *NBE, NKE 030-095*	See *NBE, NKE 030-095*	See *NBE, NKE 030-095*
NBE, NKE 030-110	-	See *NBE, NKE 030-110*	-	See *NBE, NKE 030-110*
NBE, NKE 030-135	-	See *NBE, NKE 030-135*	-	See *NBE, NKE 030-135*
NBE, NKE 040-070	See *NBE, NKE 040-070*	See *NBE, NKE 040-070*	See *NBE, NKE 040-070*	See *NBE, NKE 040-070*
NBE, NKE 040-095	-	See *NBE, NKE 040-095*	See *NBE, NKE 040-095*	See *NBE, NKE 040-095*
NBE, NKE 040-110	-	See *NBE, NKE 040-110*	-	See *NBE, NKE 040-110*
NBE, NKE 040-135	-	See *NBE, NKE 040-135*	-	See *NBE, NKE 040-135*
NKE 040-150	-	See *NKE 040-150*		See *NKE 040-150*
NBE, NKE 050-070	See *NBE, NKE 050-070*	See *NBE, NKE 050-070*	See *NBE, NKE 050-070*	See *NBE, NKE 050-070*
NBE, NKE 050-095	-	See *NBE, NKE 050-095*	-	See *NBE, NKE 050-095*
NBE, NKE 050-110	-	See *NBE, NKE 050-110*	-	See *NBE, NKE 050-110*
NBE, NKE 050-135	-	See *NBE, NKE 050-135*		See *NBE, NKE 050-135*
NBE, NKE 060-095	-	See *NBE, NKE 060-095*	-	See *NBE, NKE 060-095*
NBE, NKE 060-110	-	See *NBE, NKE 060-110*	-	See *NBE, NKE 060-110*
NKE 080-135	-	See *NKE 080-135*		See *NKE 080-135*

Pump size	Medium speed, 4000 RPM, CUE 575V	Low speed, 2000/2200 RPM, CUE 575V
NBE, NKE 012-070	See *NBE, NKE 012-070*	See *NBE, NKE 012-070*
NBE, NKE 015-070	See *NBE, NKE 015-070*	See *NBE, NKE 015-070*
NBE, NKE 015-090	See *NBE, NKE 015-090*	See *NBE, NKE 015-090*
NBE, NKE 015-095	See *NBE, NKE 015-095*	See *NBE, NKE 015-095*
NBE, NKE 020-095	See *NBE, NKE 020-095*	See *NBE, NKE 020-095*
NBE, NKE 020-110	-	See *NBE, NKE 020-110*
NBE, NKE 020-135	-	See *NBE, NKE 020-135*
NBE, NKE 025-070	See *NBE, NKE 025-070*	See *NBE, NKE 025-070*
NBE, NKE 025-095	See *NBE, NKE 025-095*	See *NBE, NKE 025-095*
NBE, NKE 025-110	-	See *NBE, NKE 025-110*
NBE, NKE 030-070	See *NBE, NKE 030-070*	See *NBE, NKE 030-070*
NBE, NKE 030-095	See *NBE, NKE 030-095*	See *NBE, NKE 030-095*
NBE, NKE 030-110	-	See *NBE, NKE 030-110*
NBE, NKE 030-135	-	See *NBE, NKE 030-135*
NBE, NKE 040-070	See *NBE, NKE 040-070*	See *NBE, NKE 040-070*
NBE, NKE 040-095	See *NBE, NKE 040-095*	See *NBE, NKE 040-095*
NBE, NKE 040-110	-	See *NBE, NKE 040-110*
NBE, NKE 040-135	-	See *NBE, NKE 040-135*
NBE, NKE 040-150	-	See *NKE 040-150*

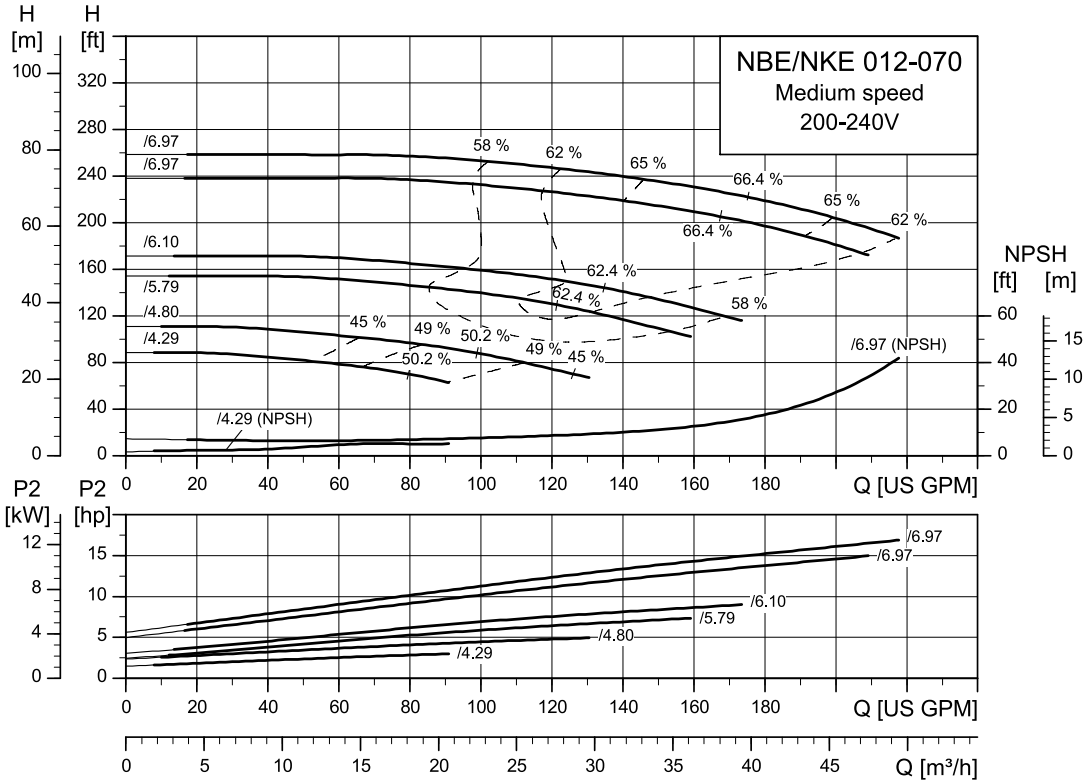
Pump size	Medium speed, 4000 RPM, CUE 575V	Low speed, 2000/2200 RPM, CUE 575V
NBE, NKE 050-070	See *NBE, NKE 050-070*	See *NBE, NKE 050-070*
NBE, NKE 050-095	-	See *NBE, NKE 050-095*
NBE, NKE 050-110	-	See *NBE, NKE 050-110*
NBE, NKE 050-135	-	See *NBE, NKE 050-135*
NBE, NKE 060-095	-	See *NBE, NKE 060-095*
NBE, NKE 060-110	-	See *NBE, NKE 060-110*
NBE, NKE 080-135	-	See *NKE 080-135*

NB, NK pumps with fixed-speed motors

Pump size	2-pole	4-pole	6-pole
NB, NK 012-070	See *NB, NK 012-070*	See *NB, NK 012-070*	-
NB, NK 015-070	See *NB, NK 015-070*	See *NB, NK 015-070*	-
NB, NK 015-090	See *NB, NK 015-090*	See *NB, NK 015-090*	-
NB, NK 015-095	See *NB, NK 015-095*	See *NB, NK 015-095*	-
NB, NK 020-095	See *NB, NK 020-095*	See *NB, NK 020-095*	-
NB, NK 020-110	-	See *NB, NK 020-110*	-
NB, NK 020-135	-	See *NB, NK 020-135*	-
NB, NK 025-070	See *NB, NK 025-070*	See *NB, NK 025-070*	-
NB, NK 025-095	See *NB, NK 025-095*	See *NB, NK 025-095*	See *NB, NK 025-095*
NB, NK 025-110	-	See *NB, NK 025-110*	See *NB, NK 025-110*
NB, NK 030-070	See *NB, NK 030-070*	See *NB, NK 030-070*	-
NB, NK 030-095	See *NB, NK 030-095*	See *NB, NK 030-095*	See *NB, NK 030-095*
NB, NK 030-110	-	See *NB, NK 030-110*	See *NB, NK 030-110*
NB, NK 030-135	-	See *NB, NK 030-135*	See *NB, NK 030-135*
NB, NK 040-070	See *NB, NK 040-070*	See *NB, NK 040-070*	See *NB, NK 040-070*
NB, NK 040-095	See *NB, NK 040-095*	See *NB, NK 040-095*	See *NB, NK 040-095*
NB, NK 040-110		See *NB, NK 040-110*	See *NB, NK 040-110*
NB, NK 040-135	-	See *NB, NK 040-135*	See *NB, NK 040-135*
NK 040-150	-	See *NK 040-150*	See *NK 040-150*
NB, NK 050-070	See *NB, NK 050-070*	See *NB, NK 050-070*	See *NB, NK 050-070*
NB, NK 050-095	-	See *NB, NK 050-095*	See *NB, NK 050-095*
NB, NK 050-110	-	See *NB, NK 050-110*	See *NB, NK 050-110*
NB, NK 050-135	-	See *NB, NK 050-135*	See *NB, NK 050-135*
NK 050-150	-	See *NK 050-150*	See *NK 050-150*
NB, NK 060-095	-	See *NB, NK 060-095*	See *NB, NK 060-095*
NB, NK 060-110	-	See *NB, NK 060-110*	See *NB, NK 060-110*
NK 060-135	-	See *NK 060-135*	See *NK 060-135*
NK 060-150	-	See *NK 060-150*	See *NK 060-150*
NK 080-135	-	See *NK 080-135*	See *NK 080-135*
NK 080-150	-	See *NK 080-150*	See *NK 080-150*
NK 100-150	-	See *NK 100-150*	See *NK 100-150*

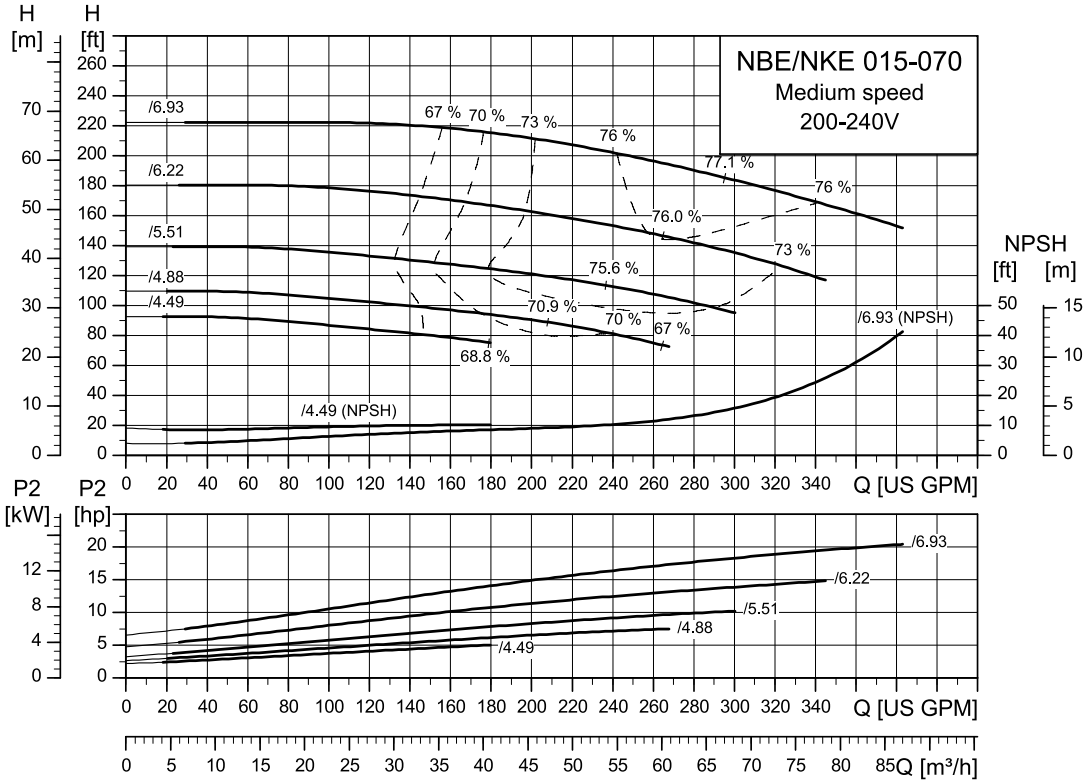
Medium speed, 4000 RPM, CUE 200-240V

NBE, NKE 012-070



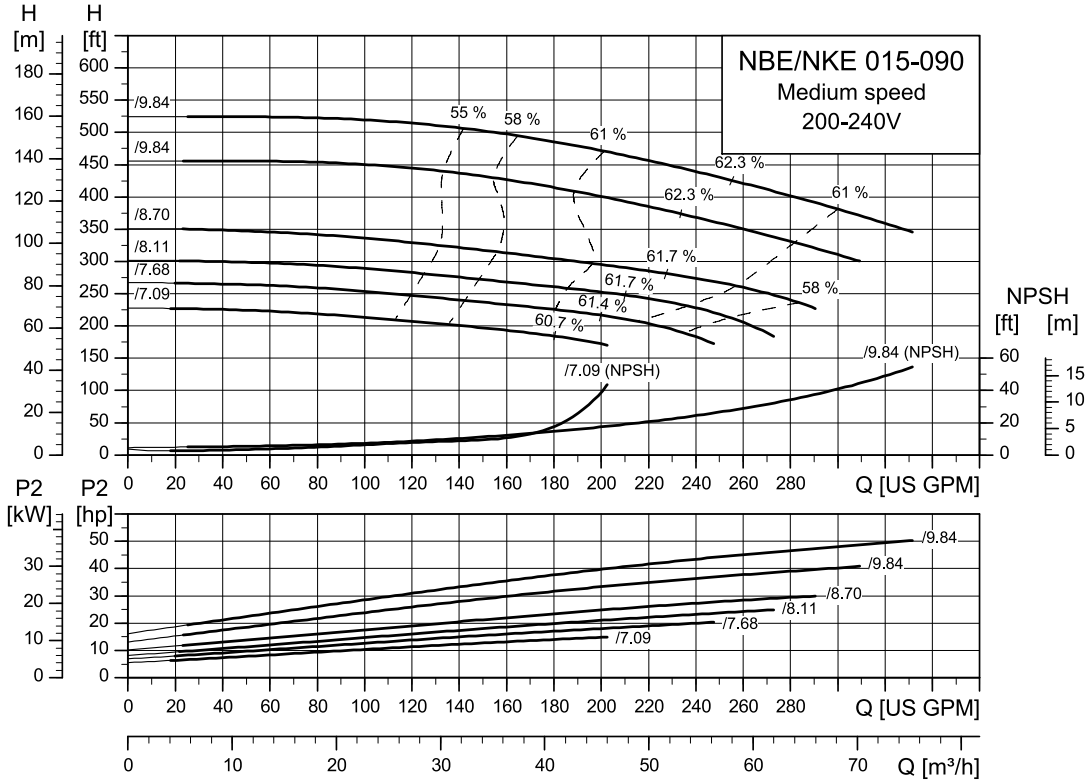
TM089435

NBE, NKE 015-070



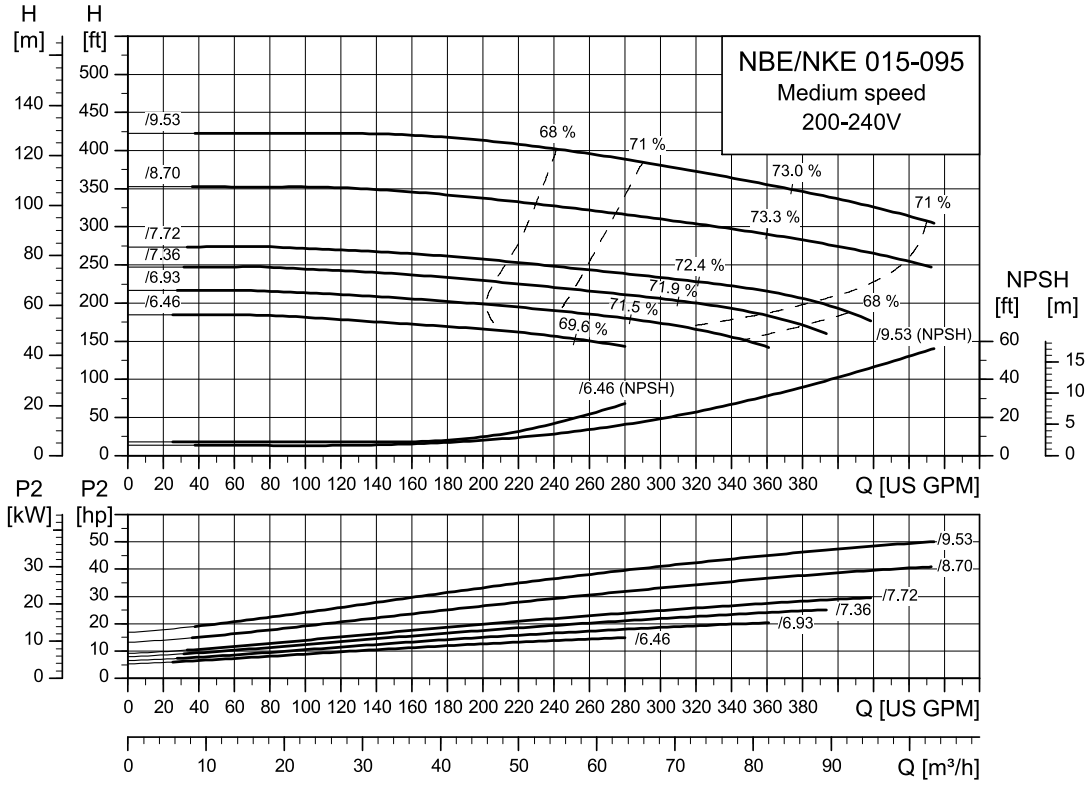
TM089436

NBE, NKE 015-090



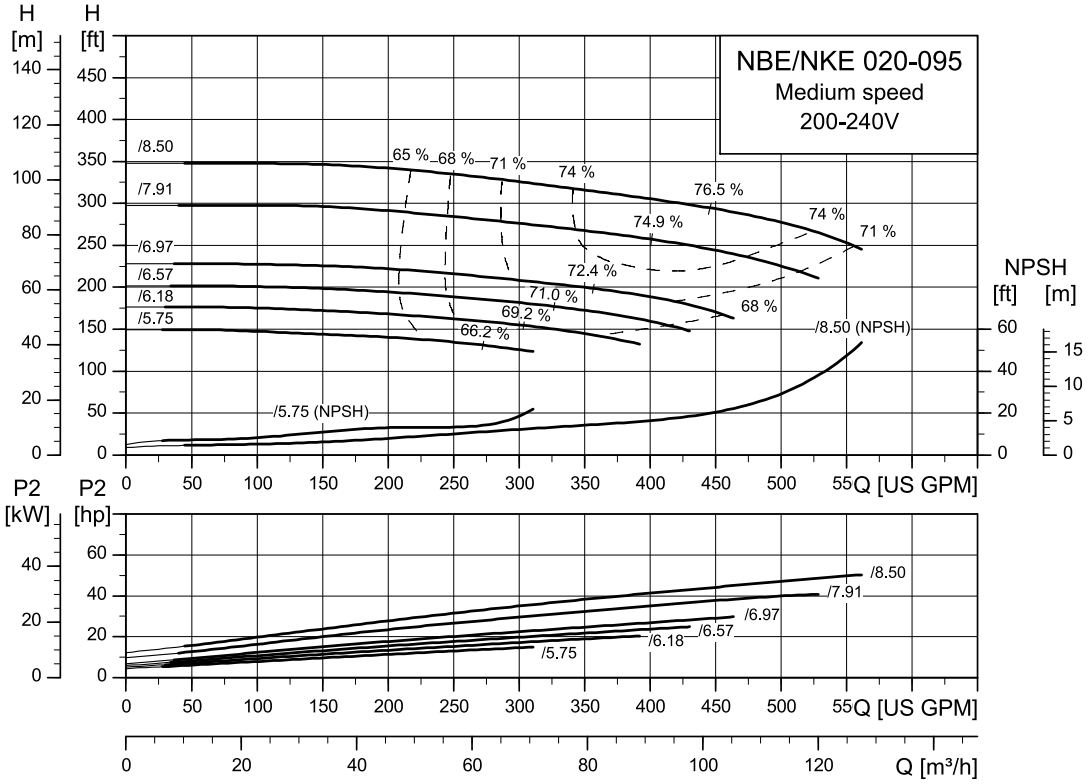
TM089437

NBE, NKE 015-095



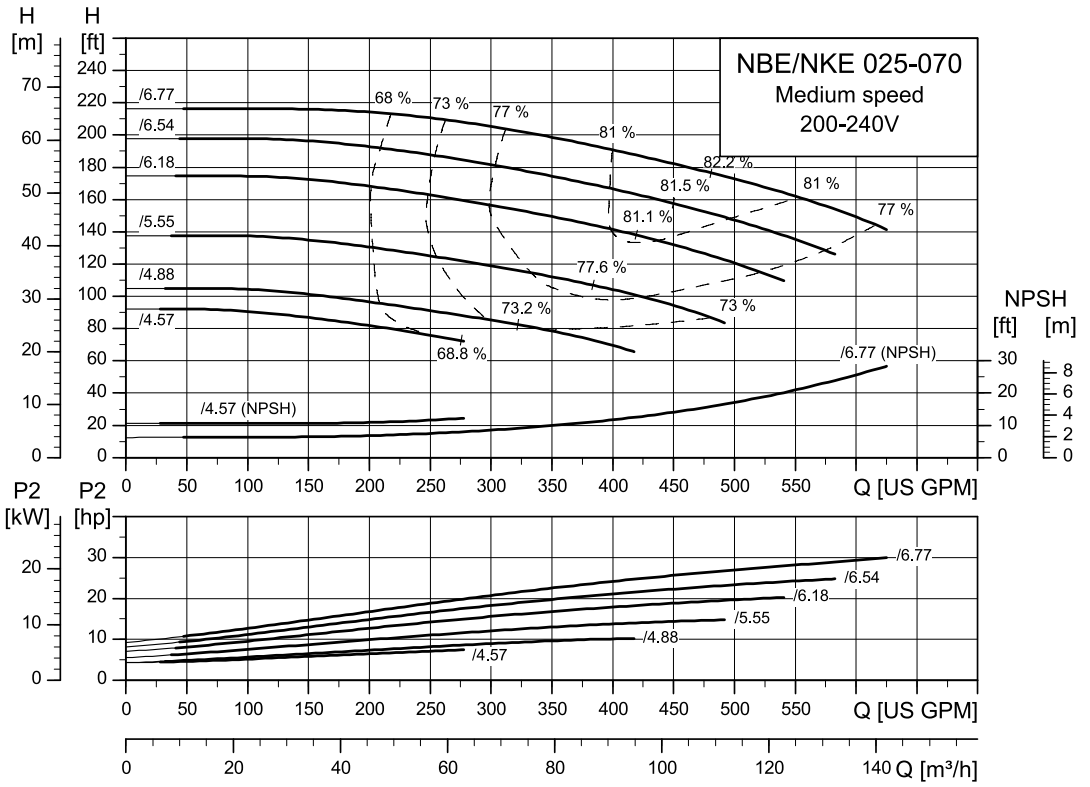
TM089438

NBE, NKE 020-095



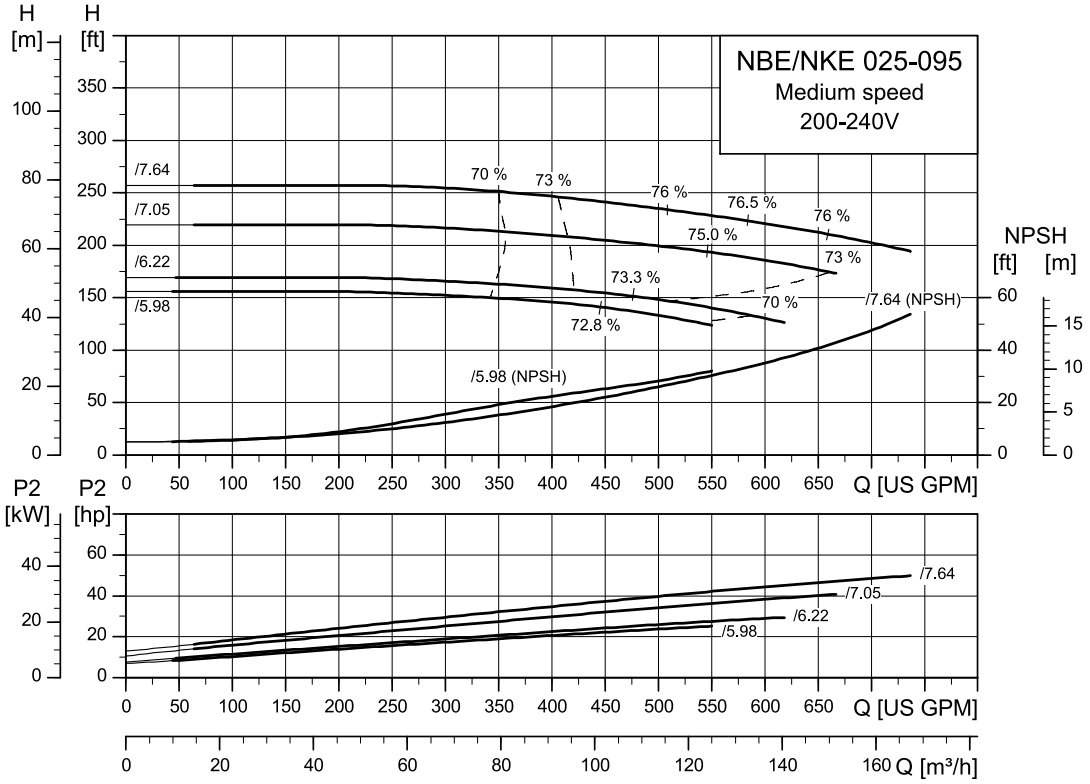
TM089439

NBE, NKE 025-070



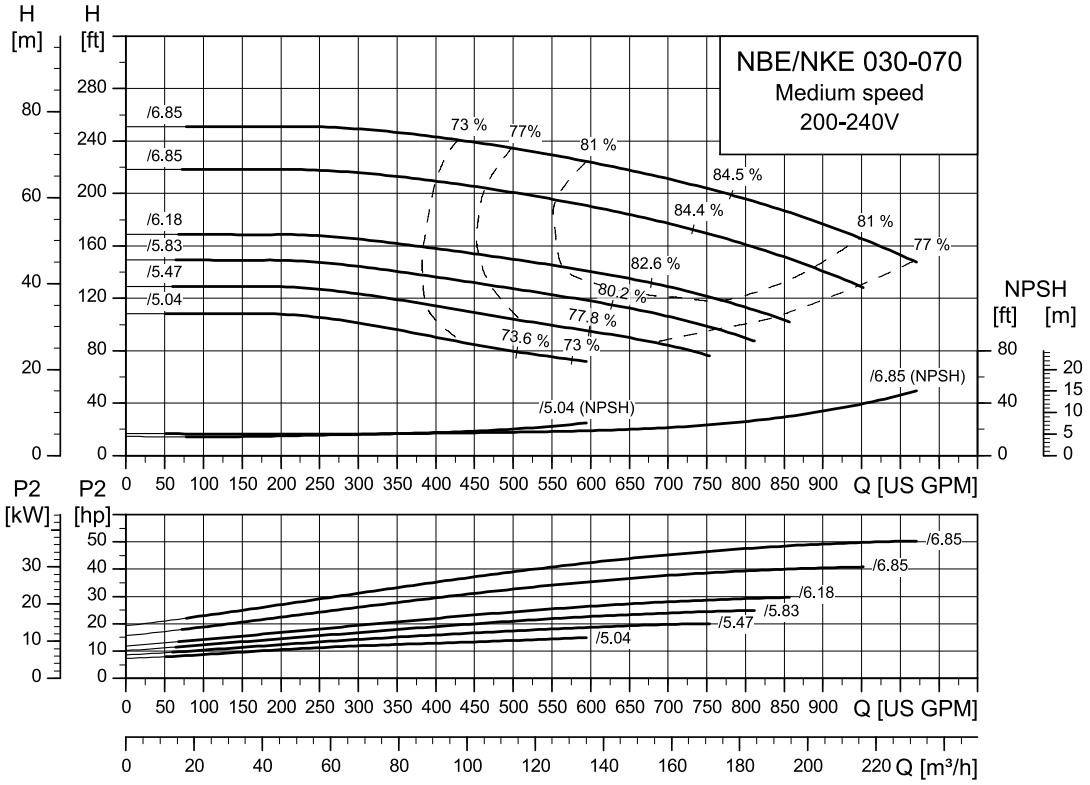
TM089440

NBE, NKE 025-095



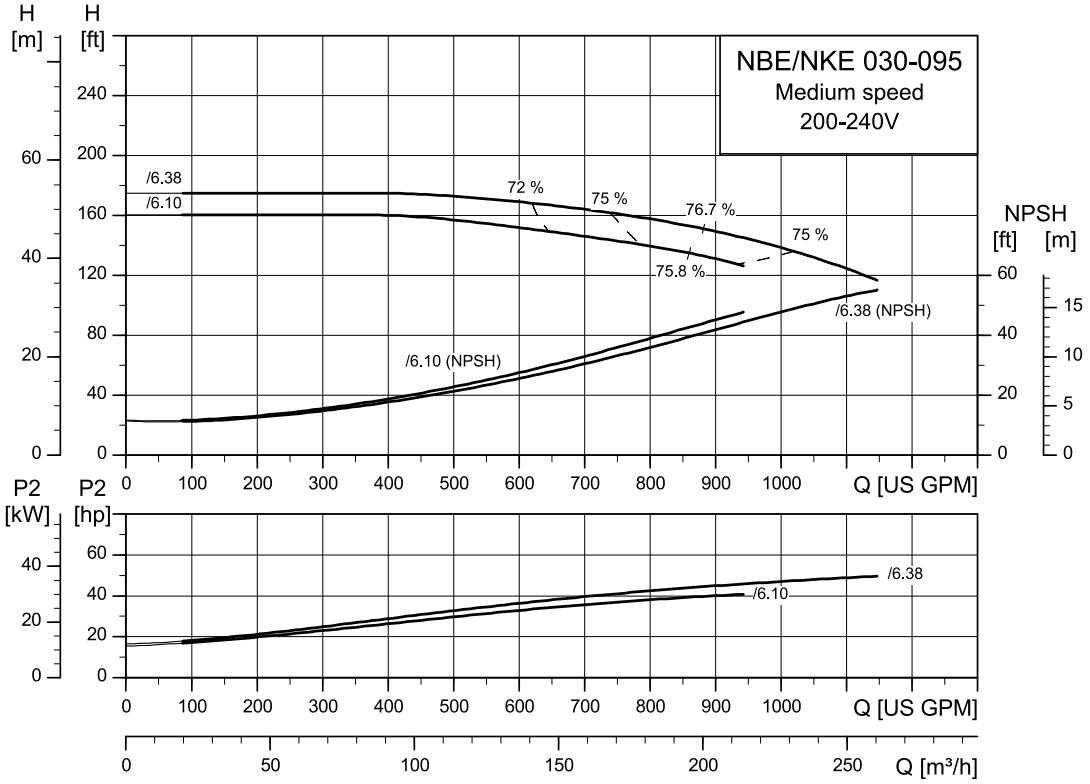
TM089471

NBE, NKE 030-070



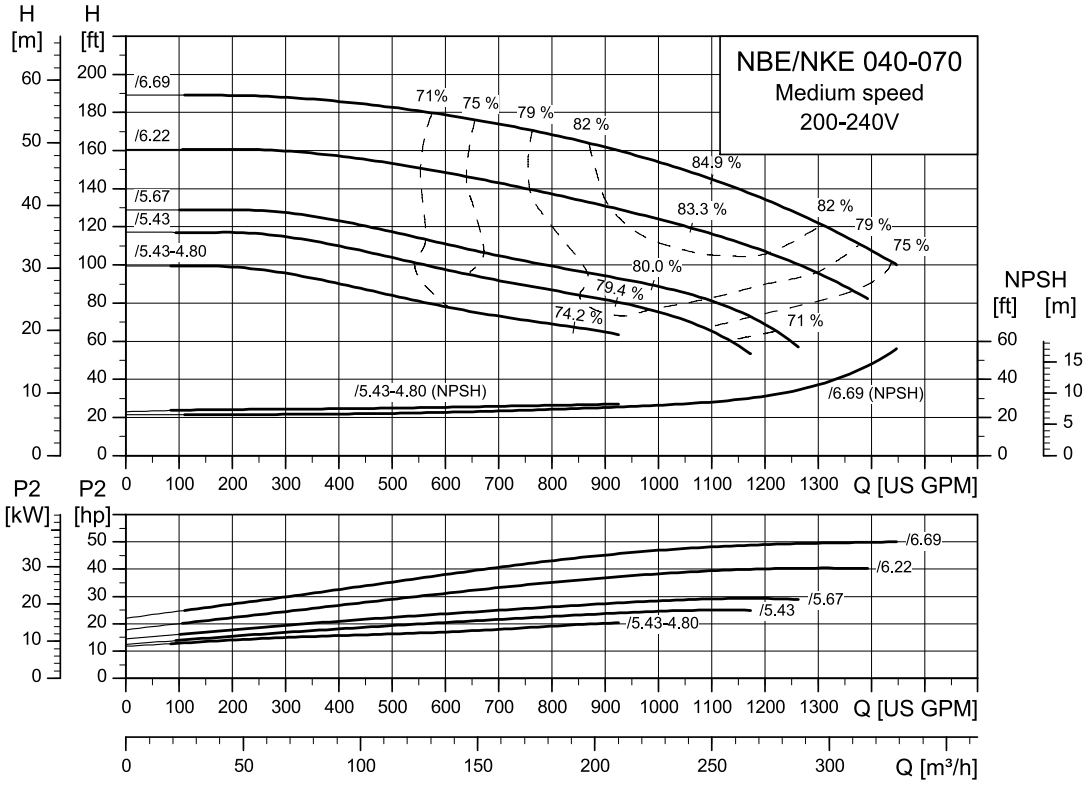
TM089441

NBE, NKE 030-095



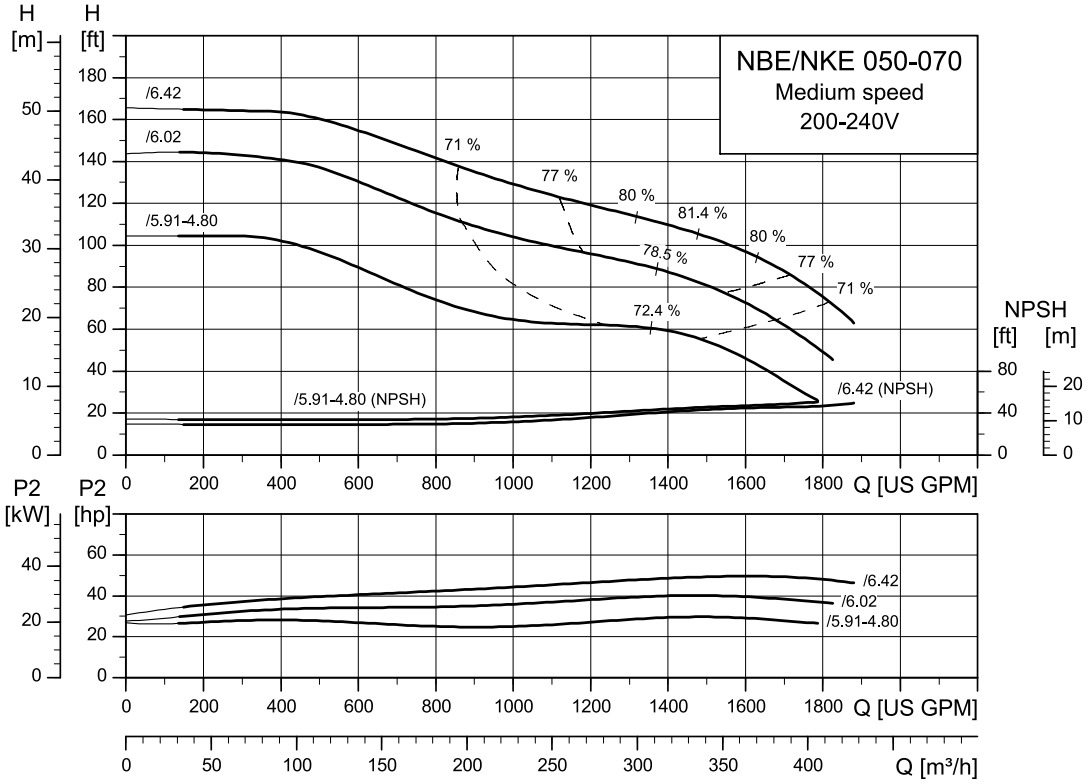
TM089444

NBE, NKE 040-070



TM089442

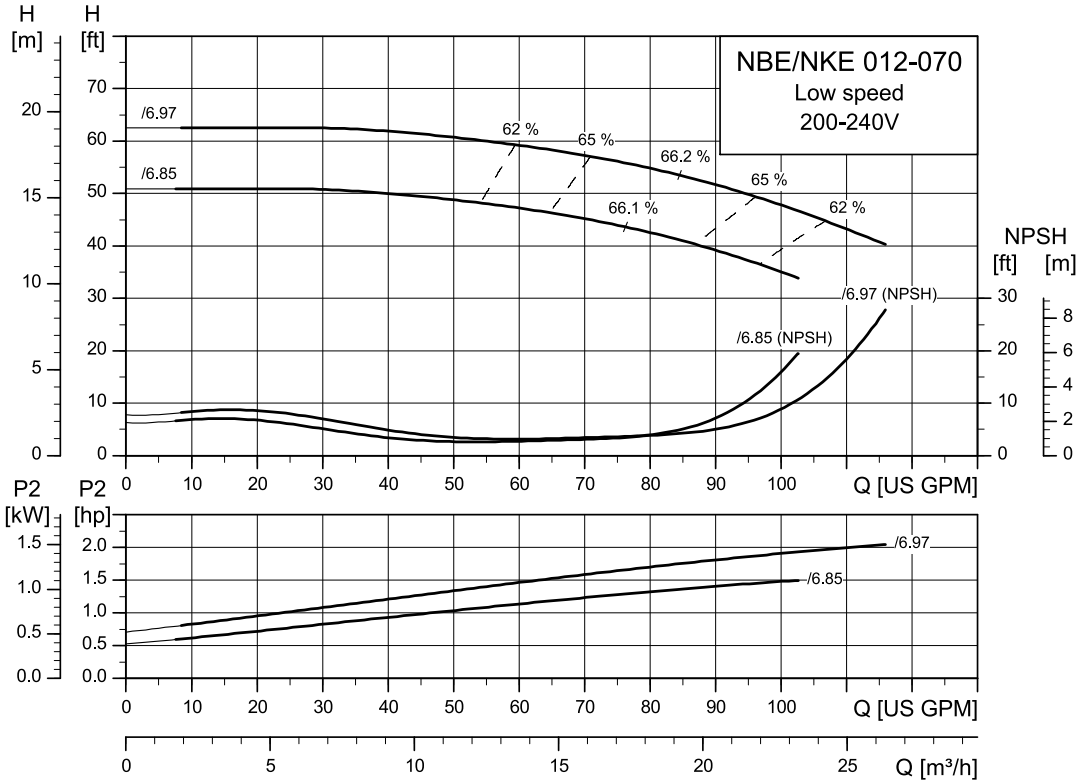
NBE, NKE 050-070



TM089443

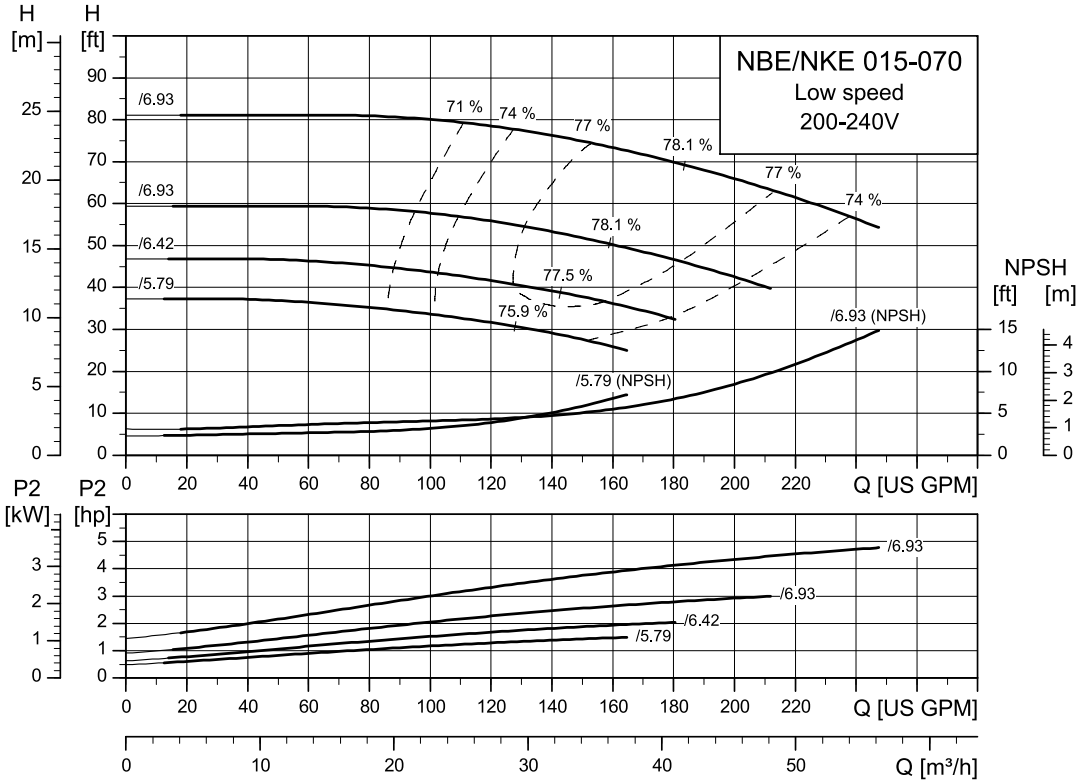
Low speed, 2000/2200 RPM, CUE 200-240V

NBE, NKE 012-070



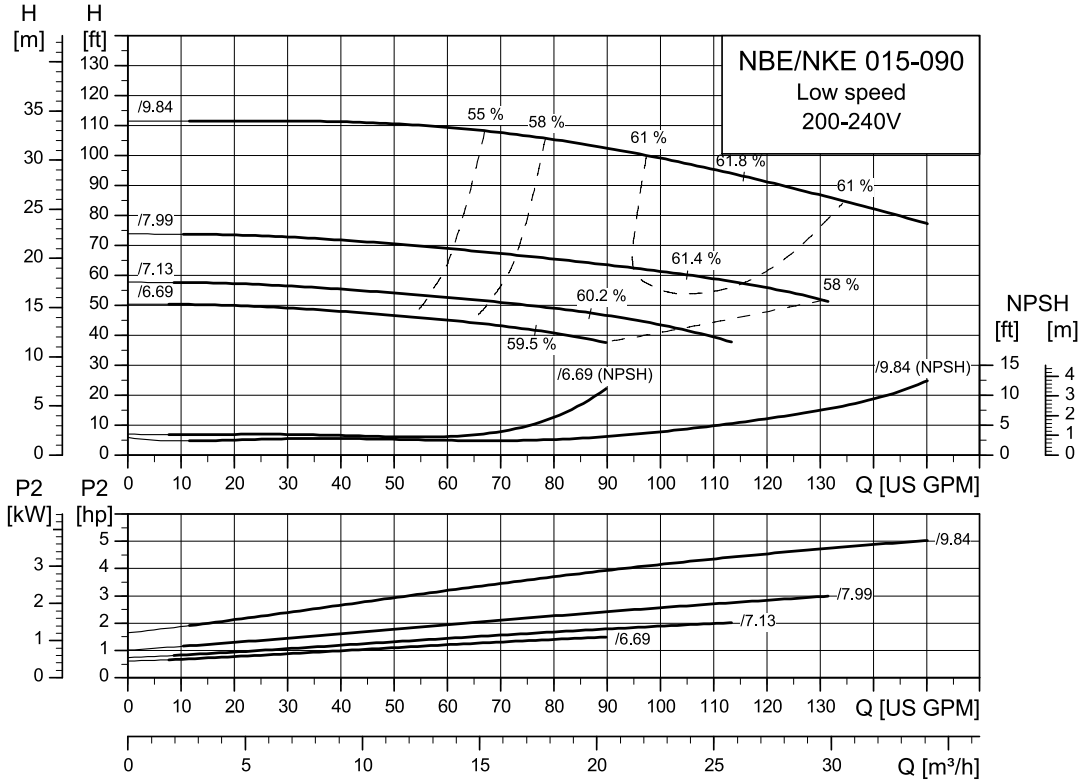
TM089445

NBE, NKE 015-070



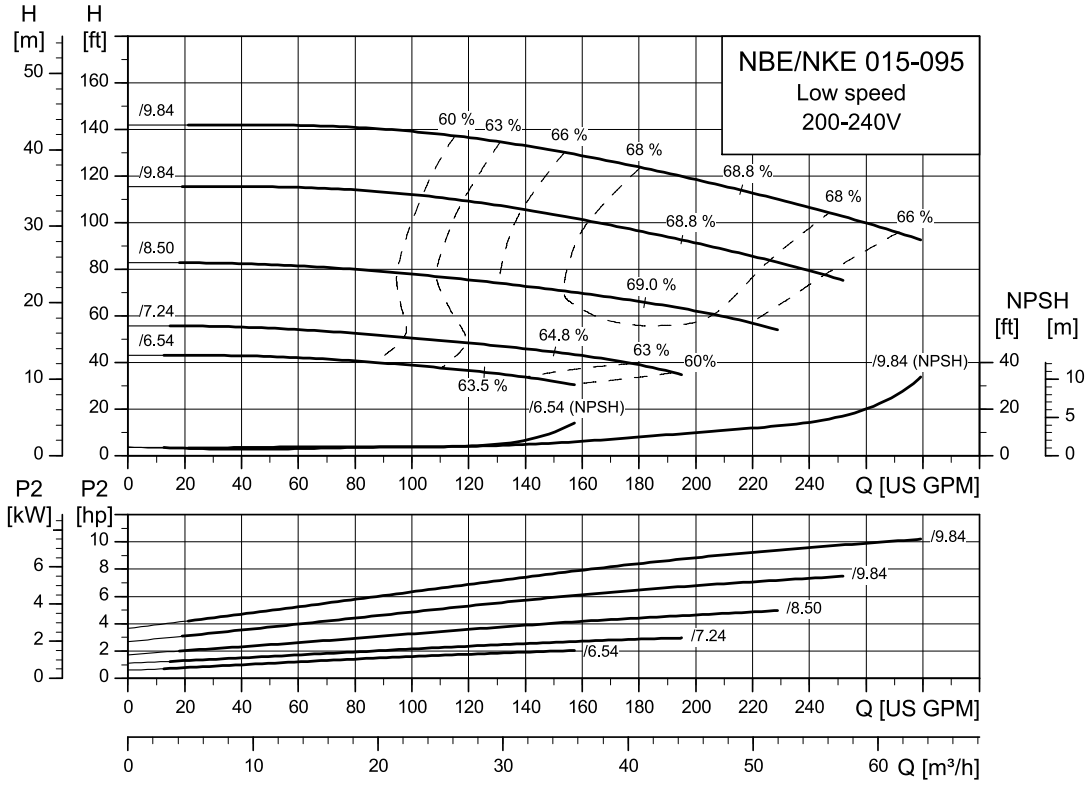
TM089446

NBE, NKE 015-090



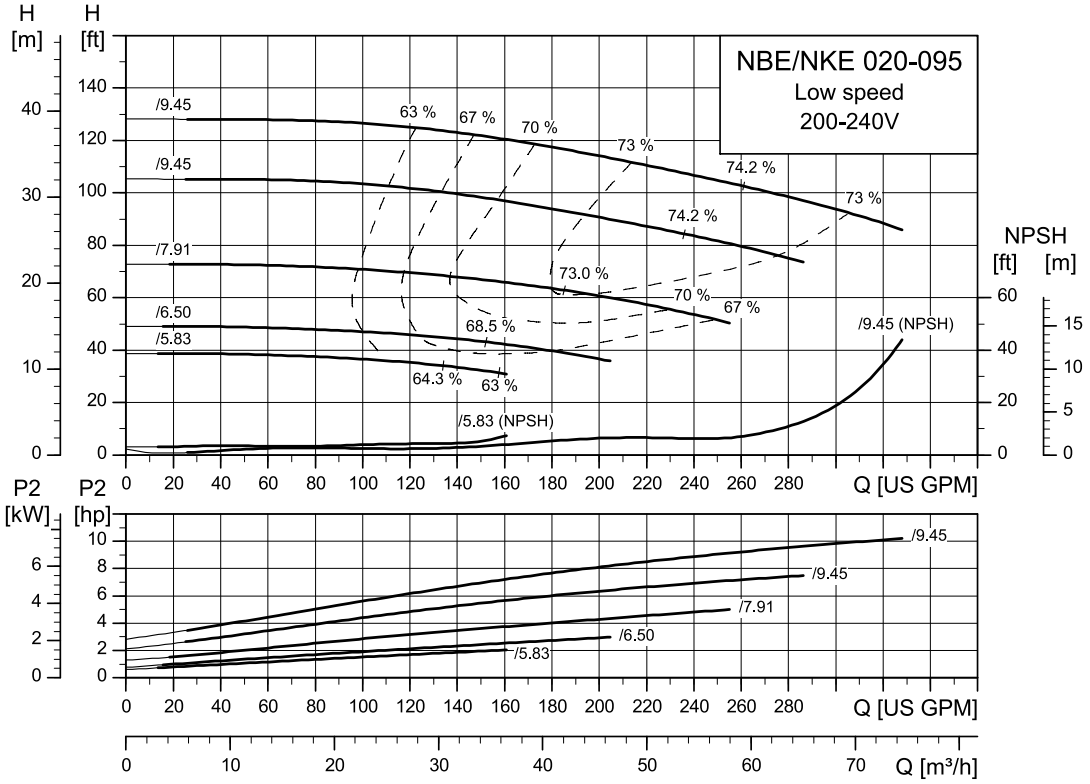
TM089447

NBE, NKE 015-095



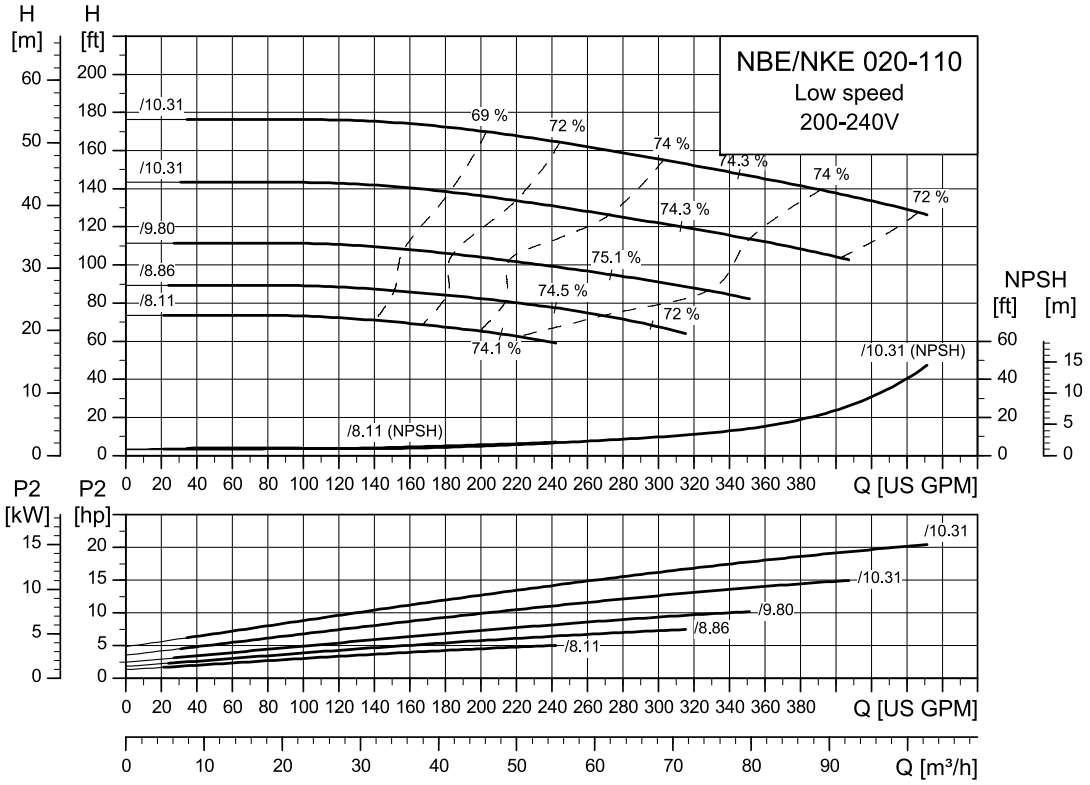
TM089448

NBE, NKE 020-095



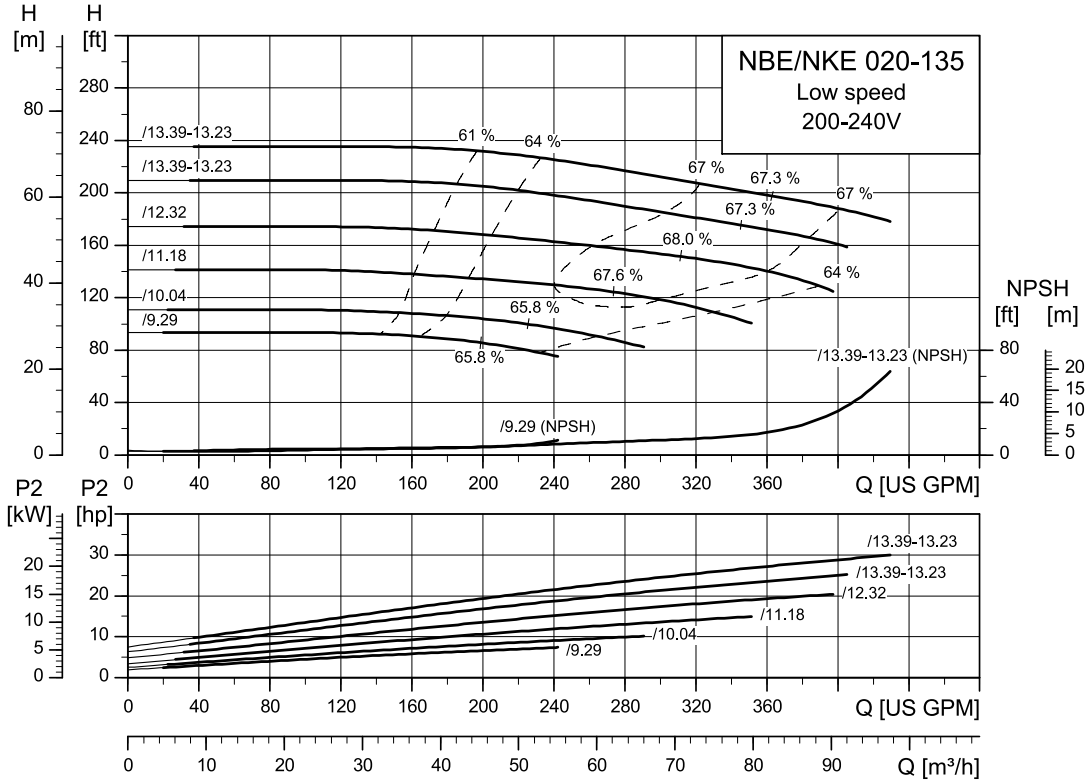
TM089449

NBE, NKE 020-110



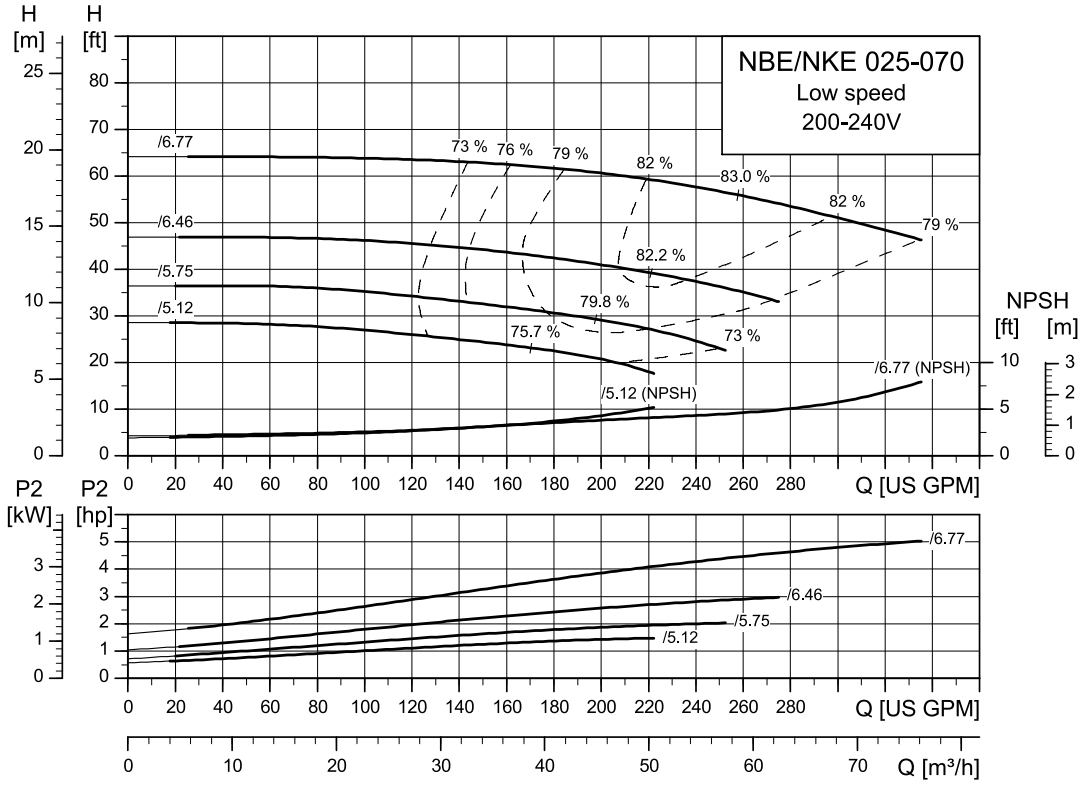
TM089450

NBE, NKE 020-135



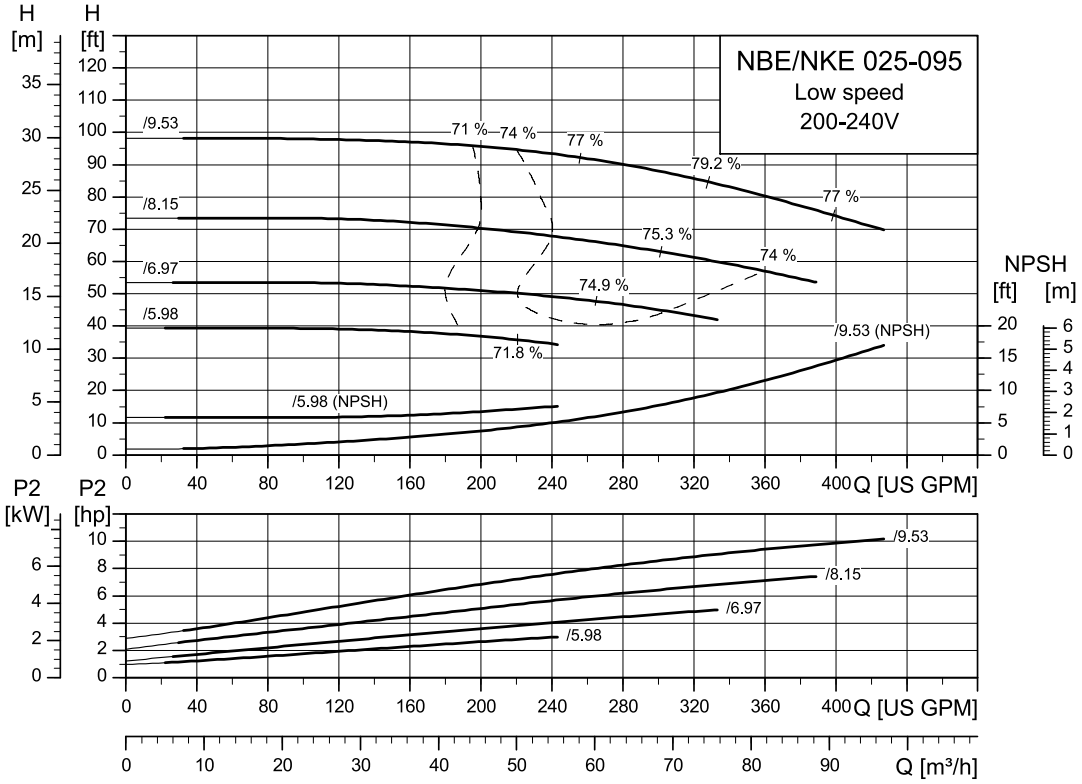
TM089451

NBE, NKE 025-070



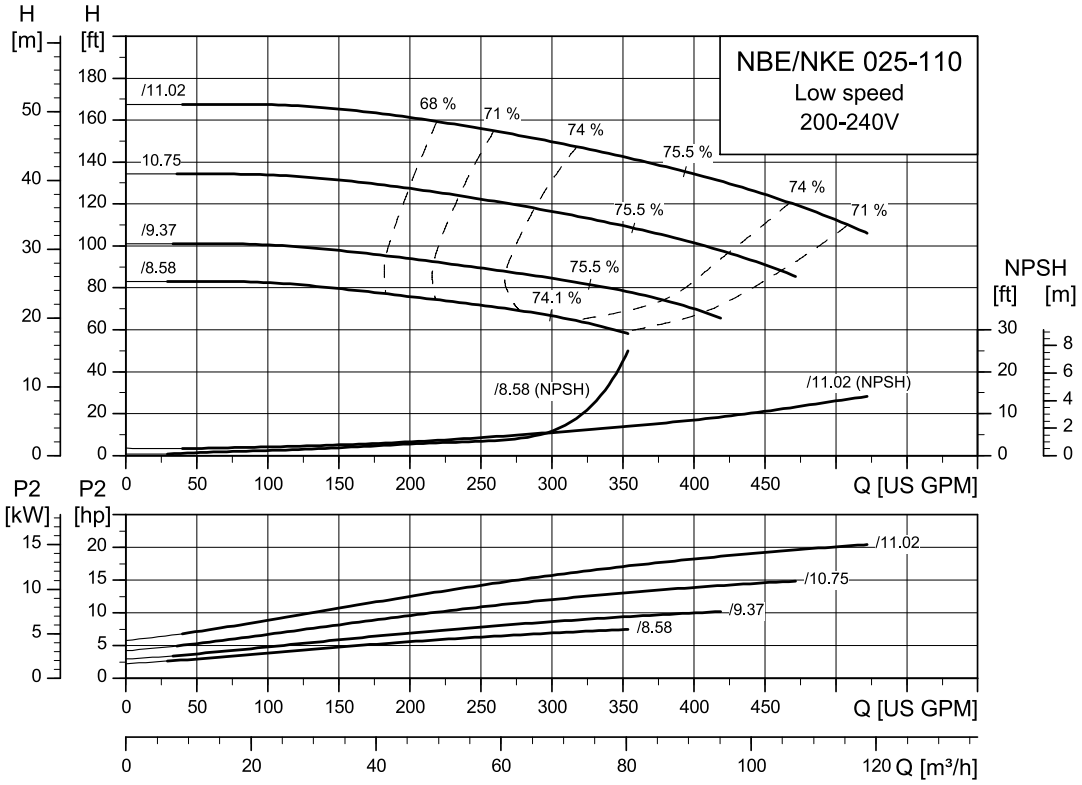
TM089452

NBE, NKE 025-095



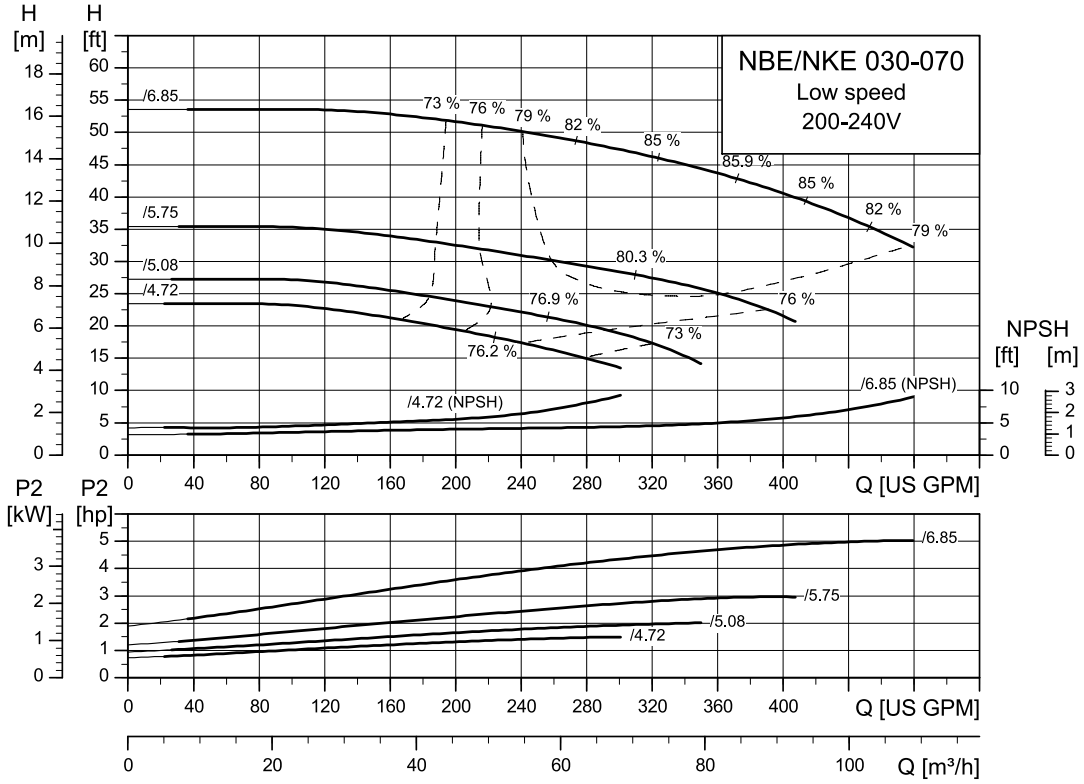
TM089453

NBE, NKE 025-110



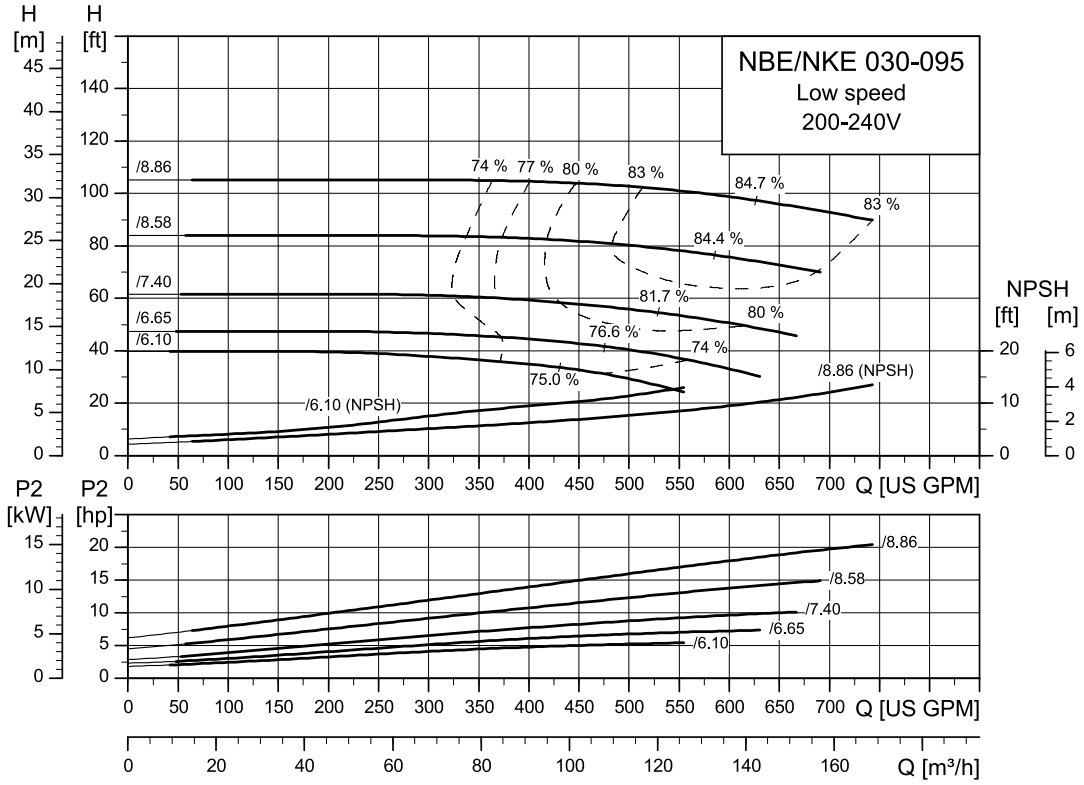
TM089454

NBE, NKE 030-070



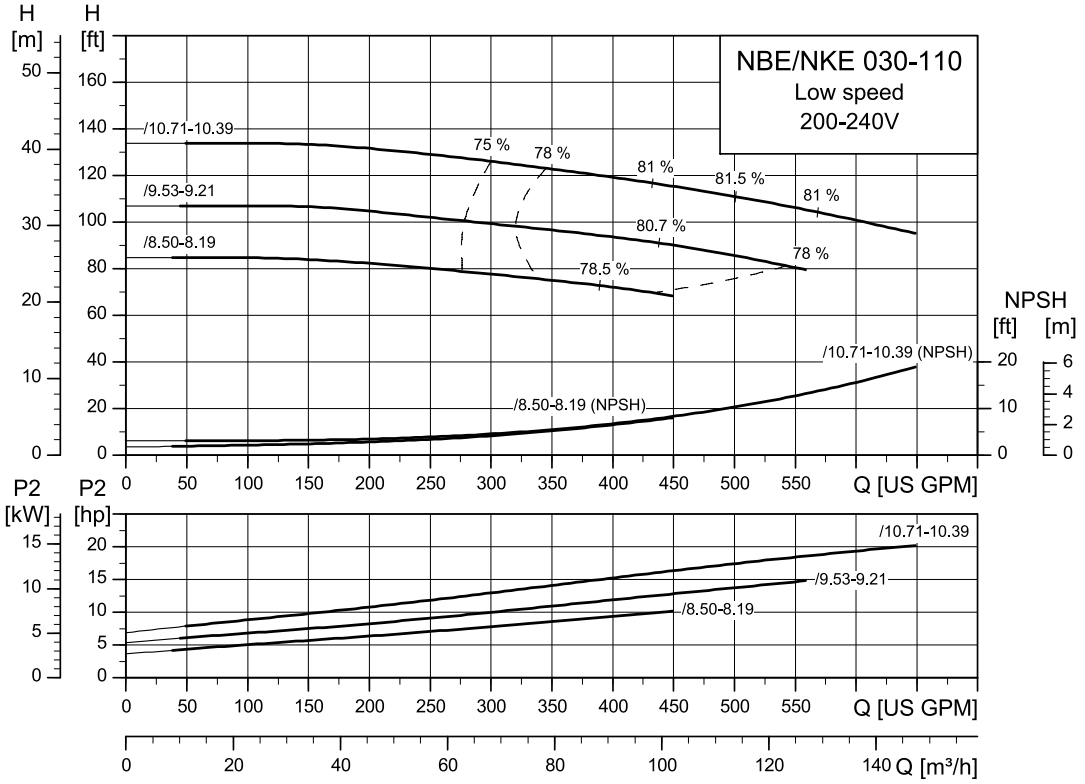
TM089455

NBE, NKE 030-095



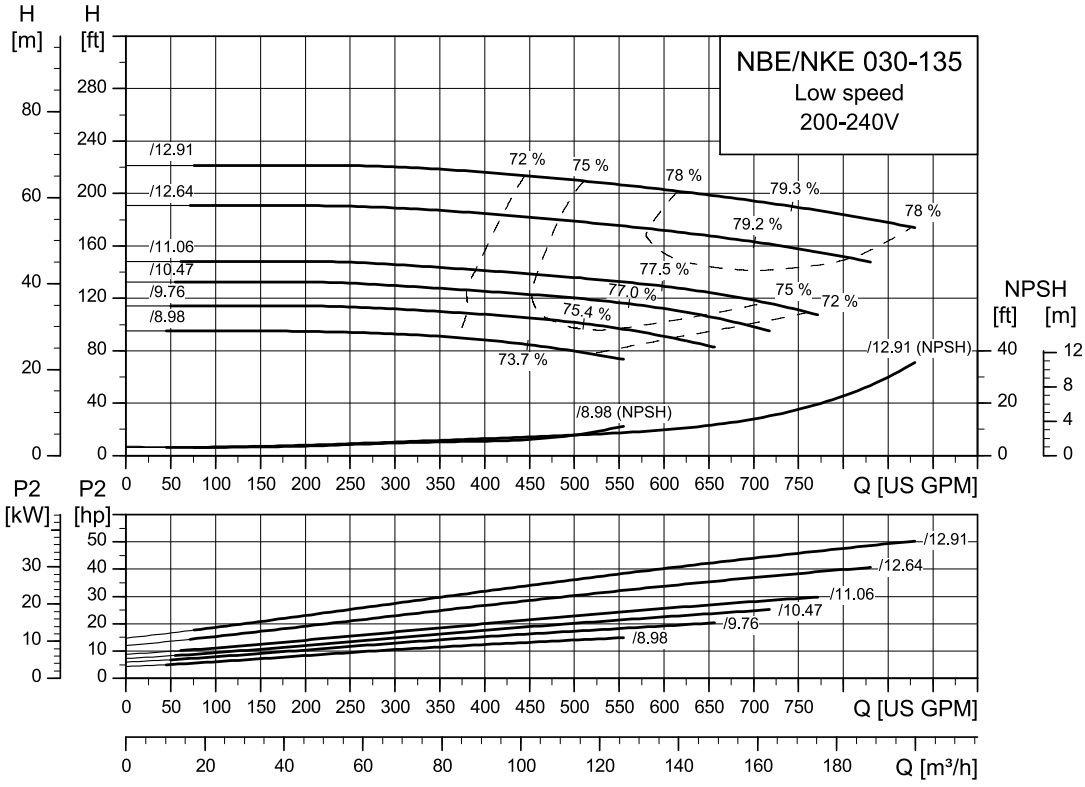
TM089456

NBE, NKE 030-110



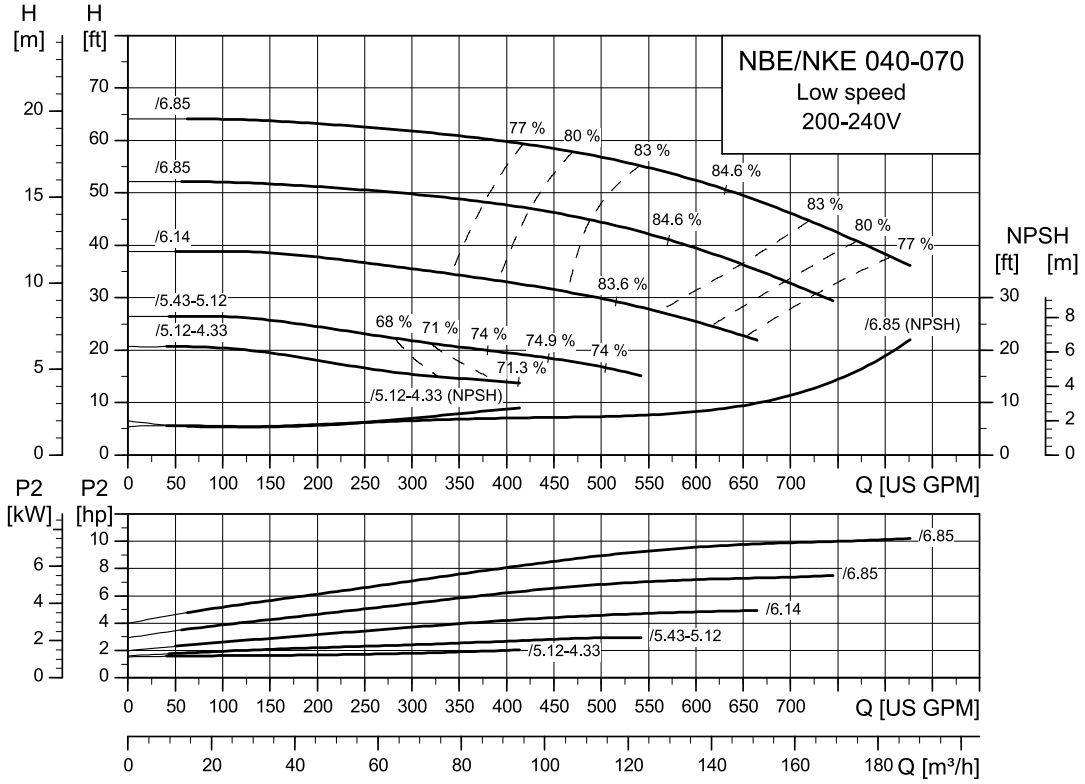
TM089457

NBE, NKE 030-135



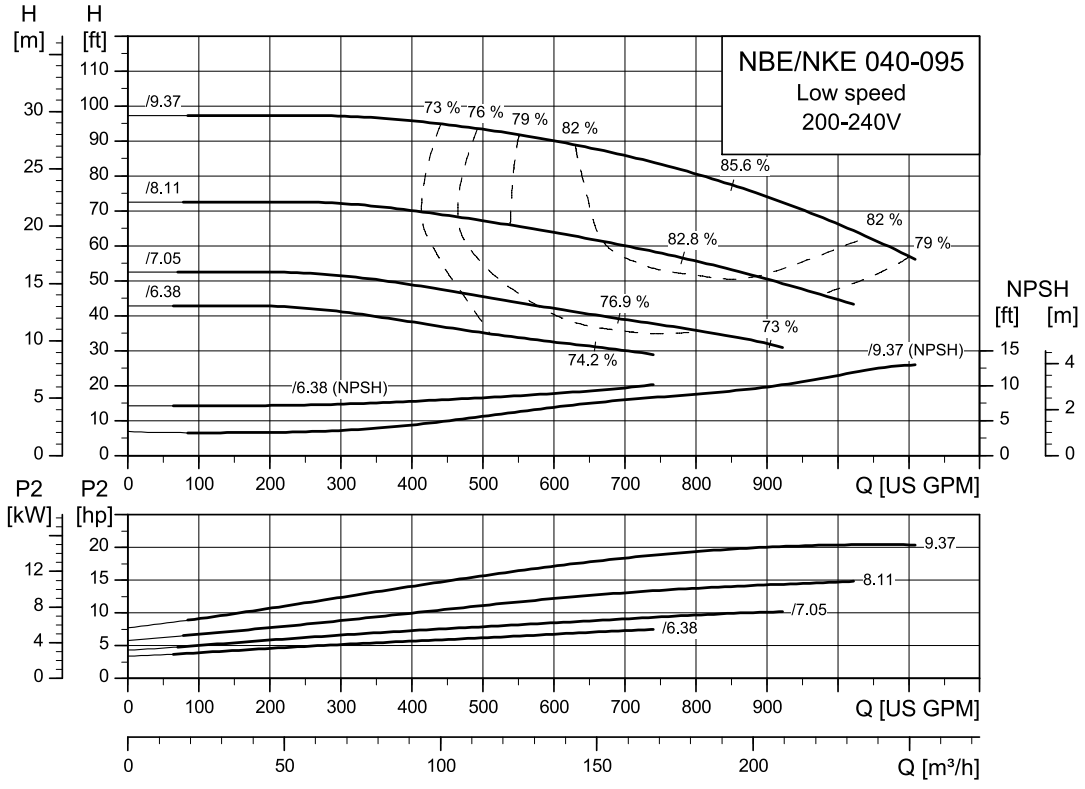
TM089458

NBE, NKE 040-070



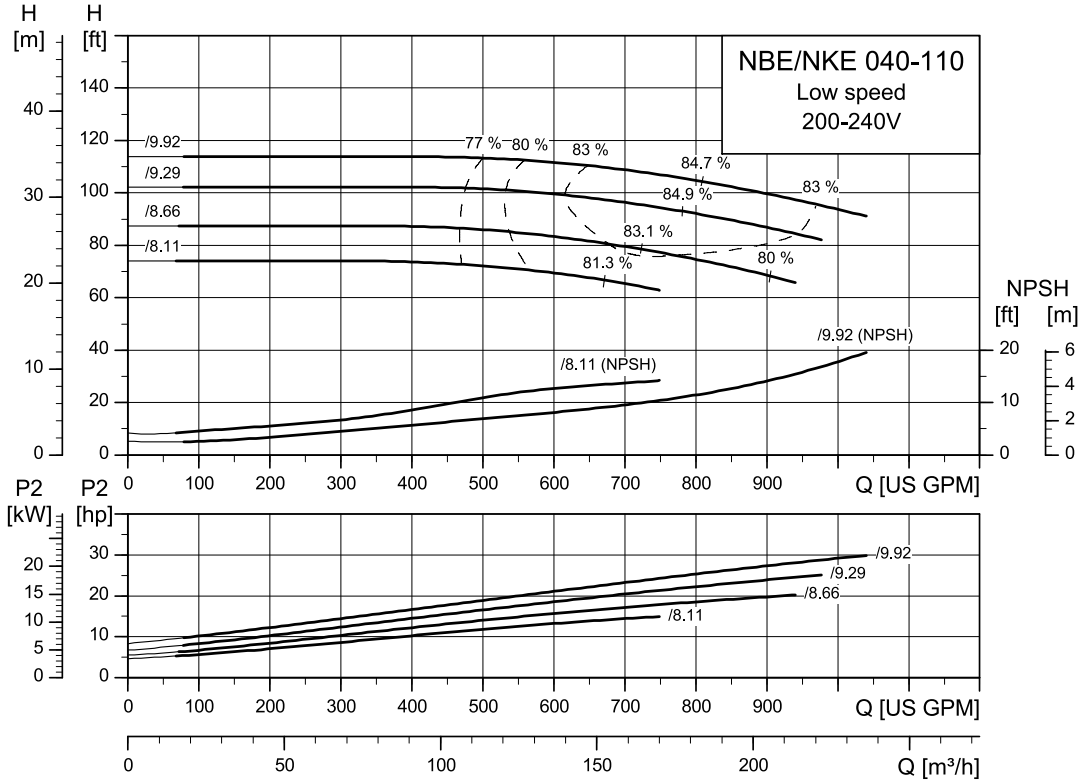
TM089459

NBE, NKE 040-095



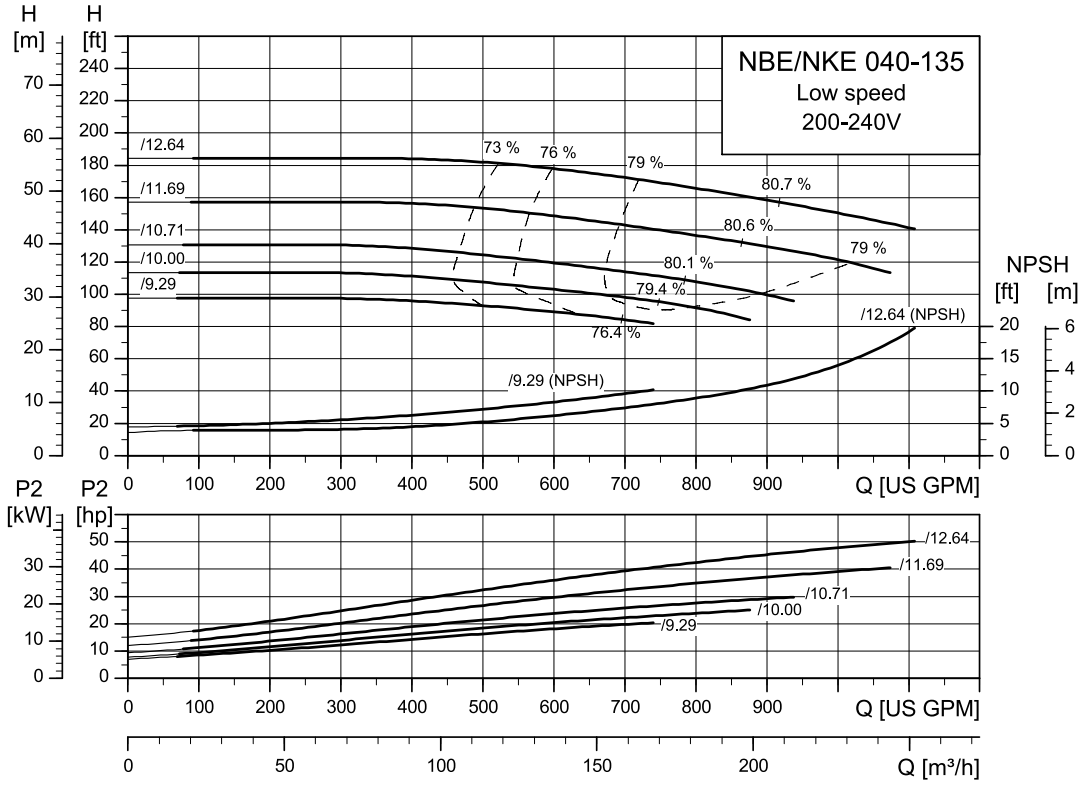
TM089460

NBE, NKE 040-110



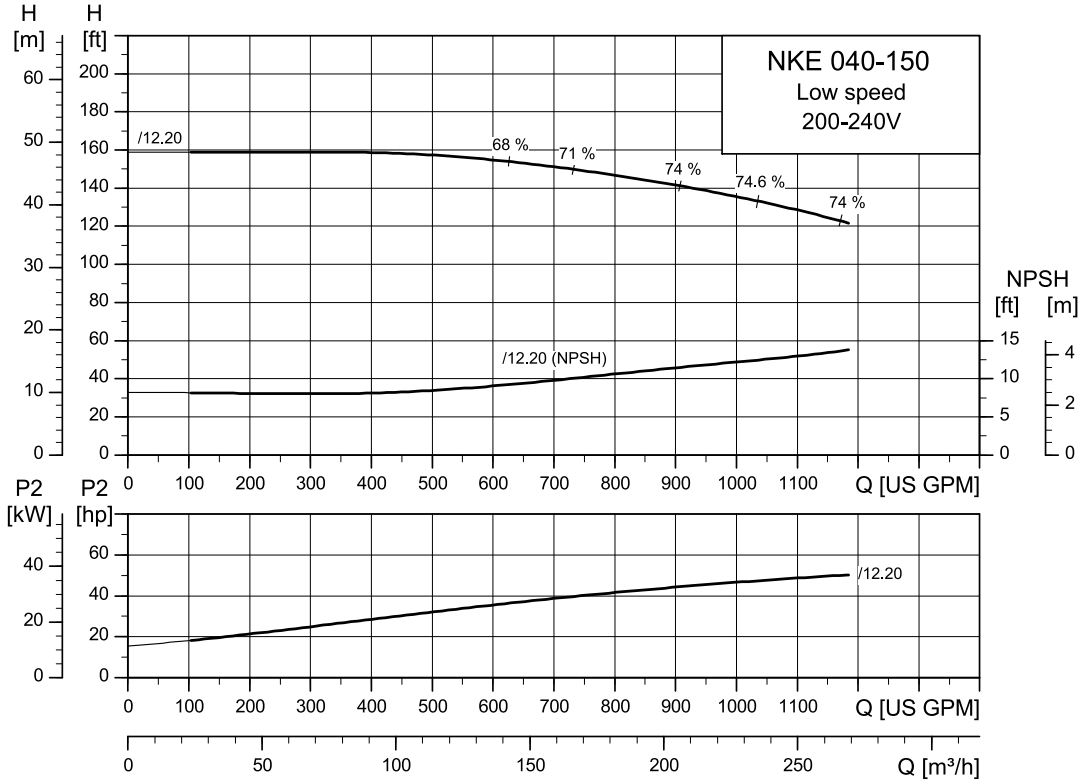
TM089461

NBE, NKE 040-135



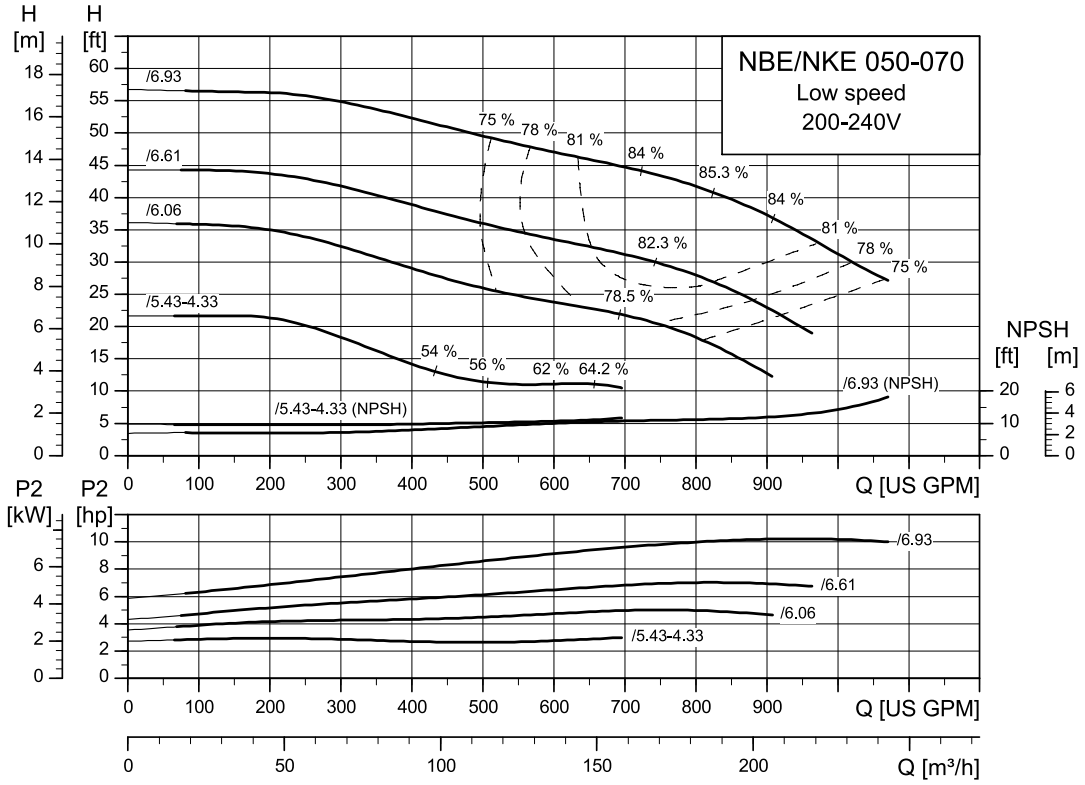
TM089462

NKE 040-150



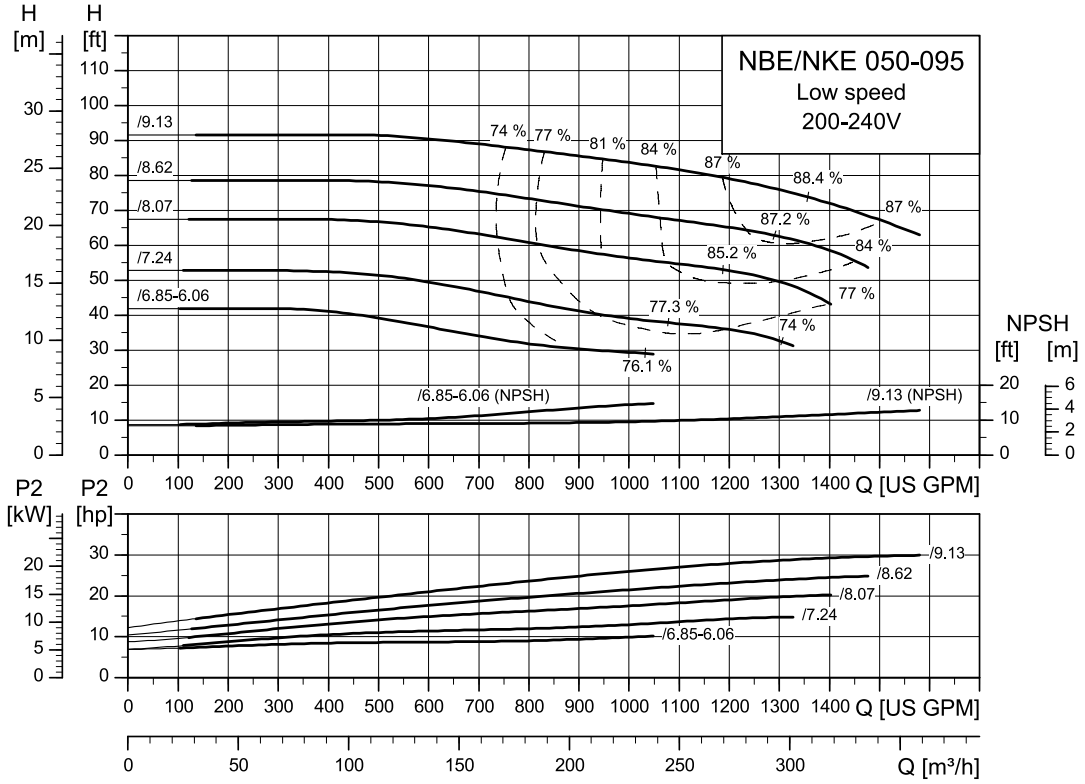
TM089463

NBE, NKE 050-070



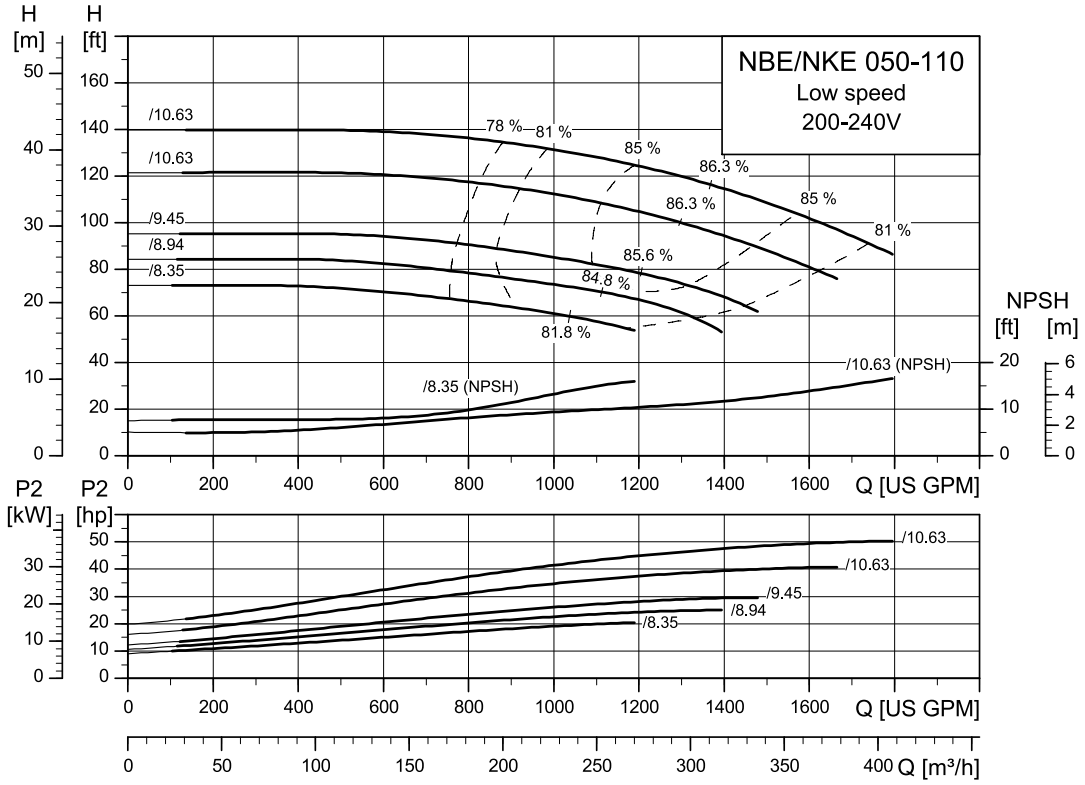
TM089464

NBE, NKE 050-095



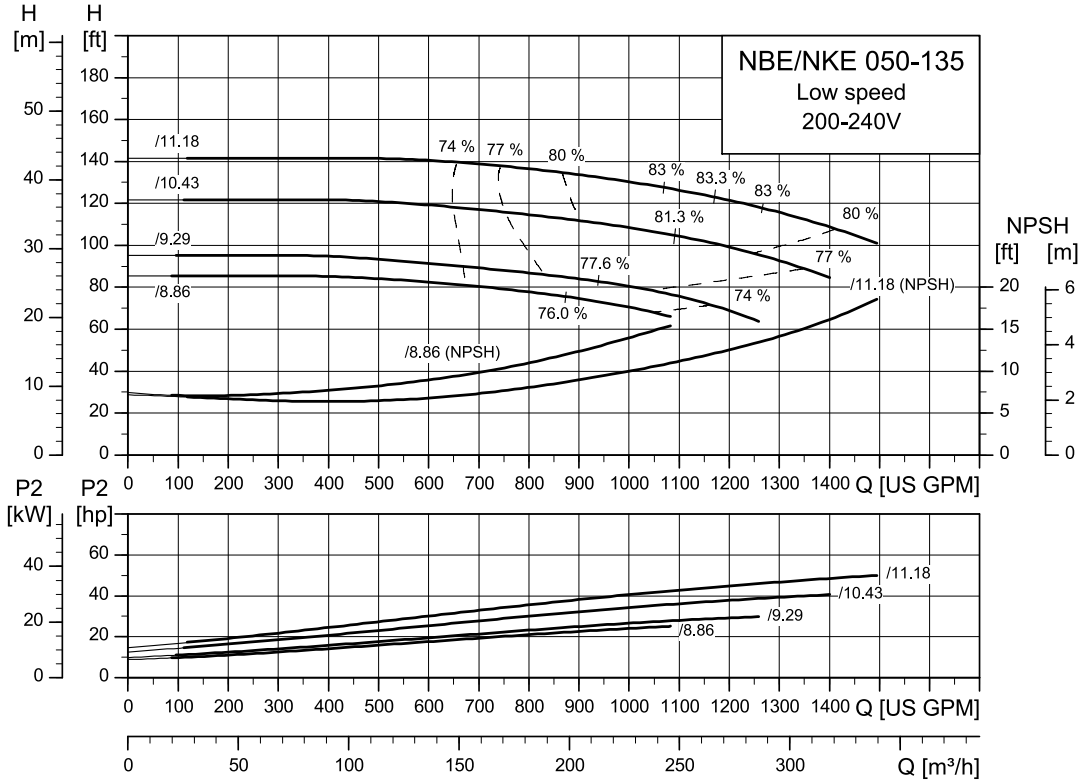
TM089465

NBE, NKE 050-110



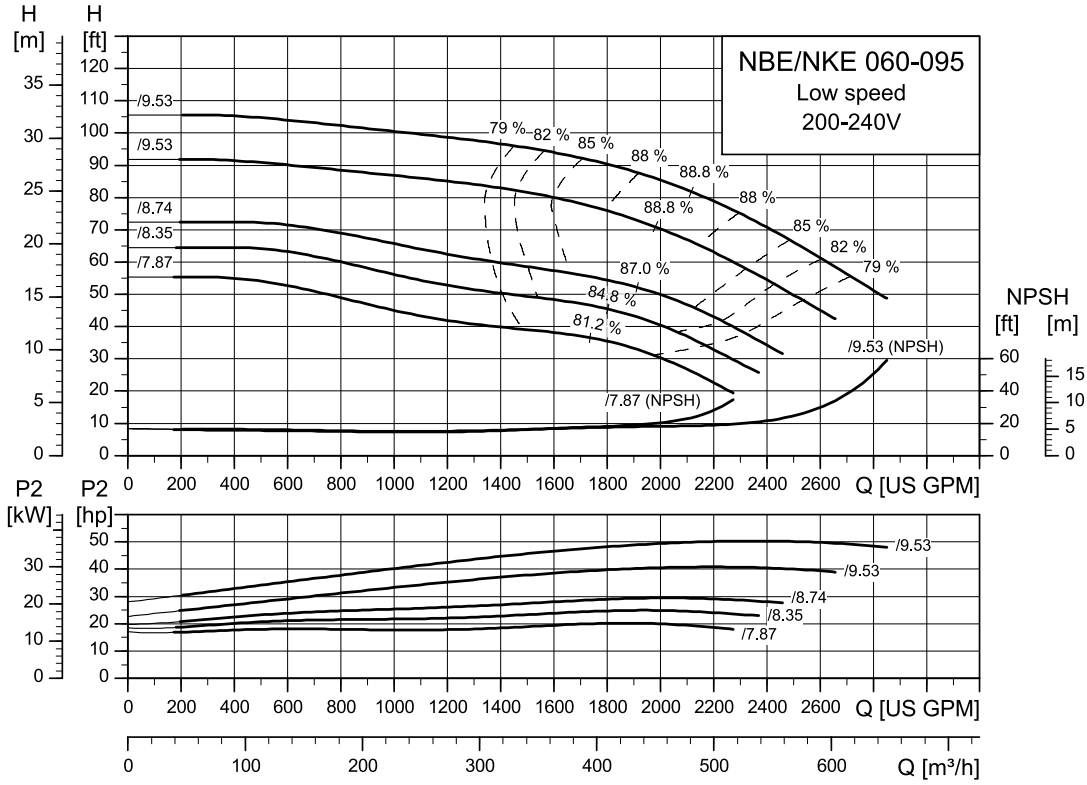
TM089466

NBE, NKE 050-135



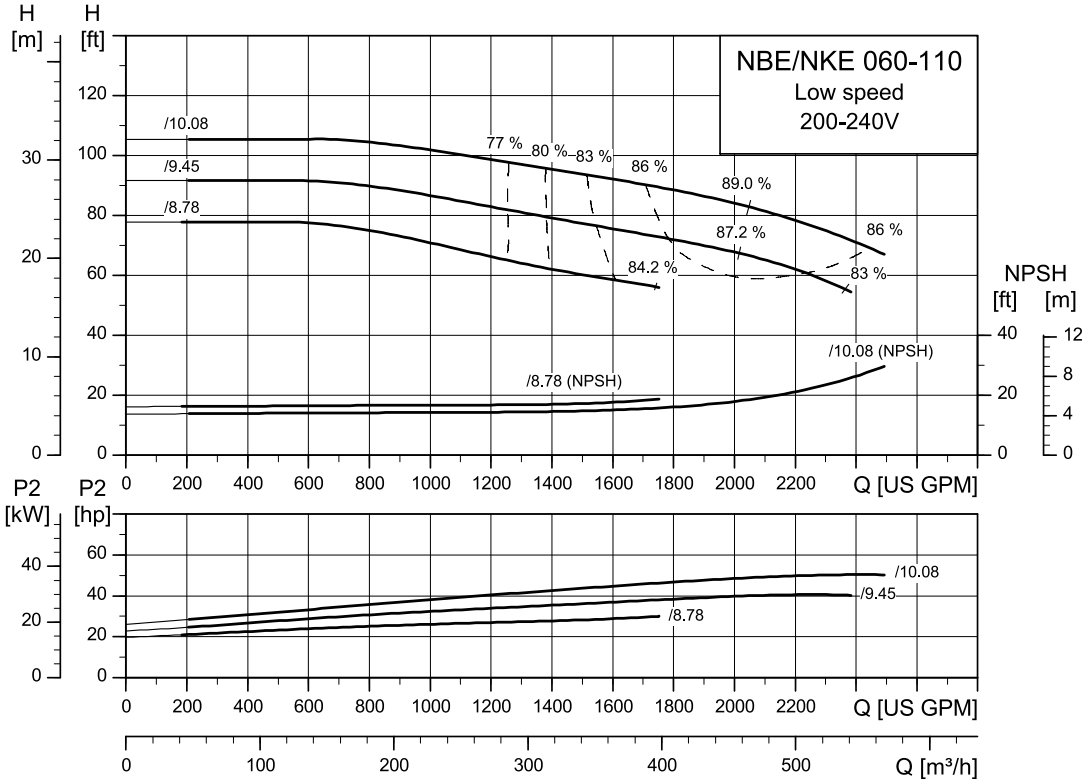
TM089467

NBE, NKE 060-095



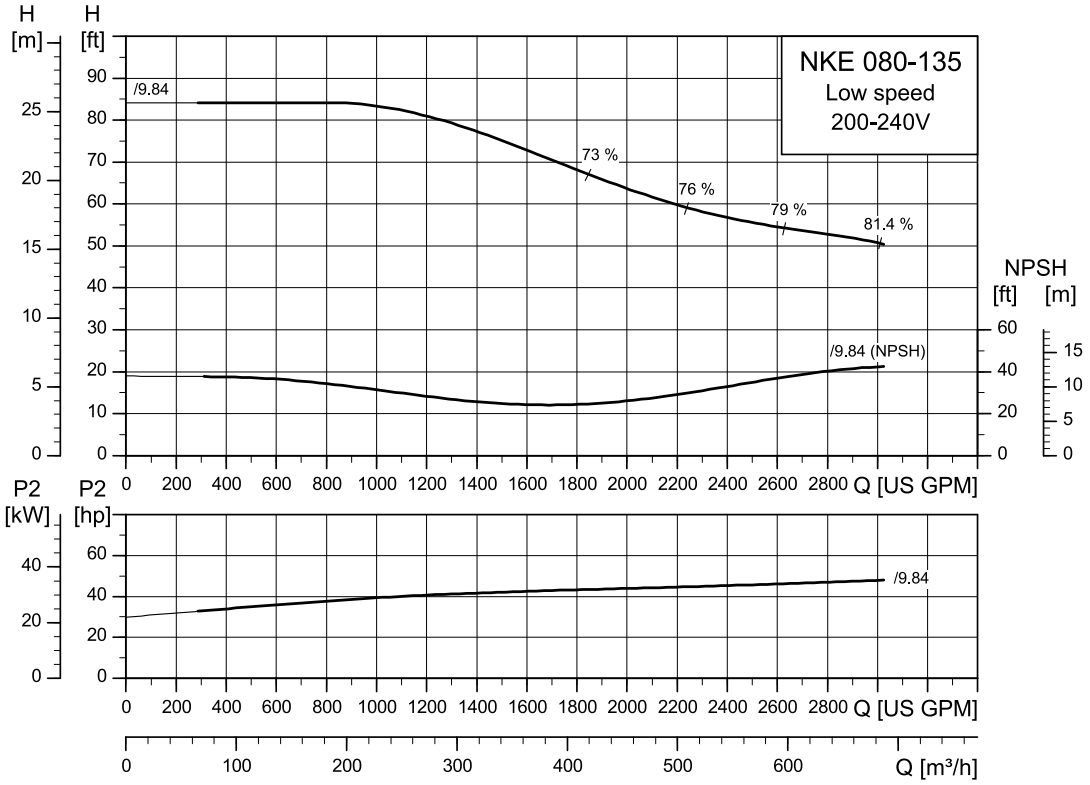
TM089468

NBE, NKE 060-110



TM089469

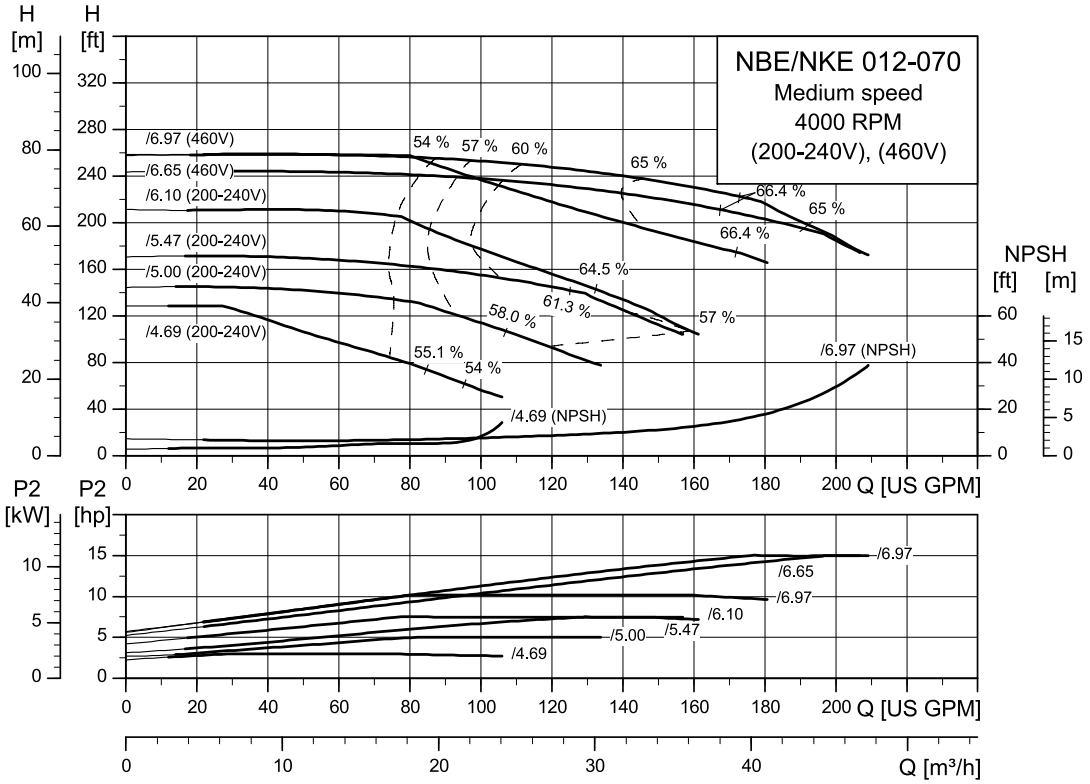
NKE 080-135



TM089470

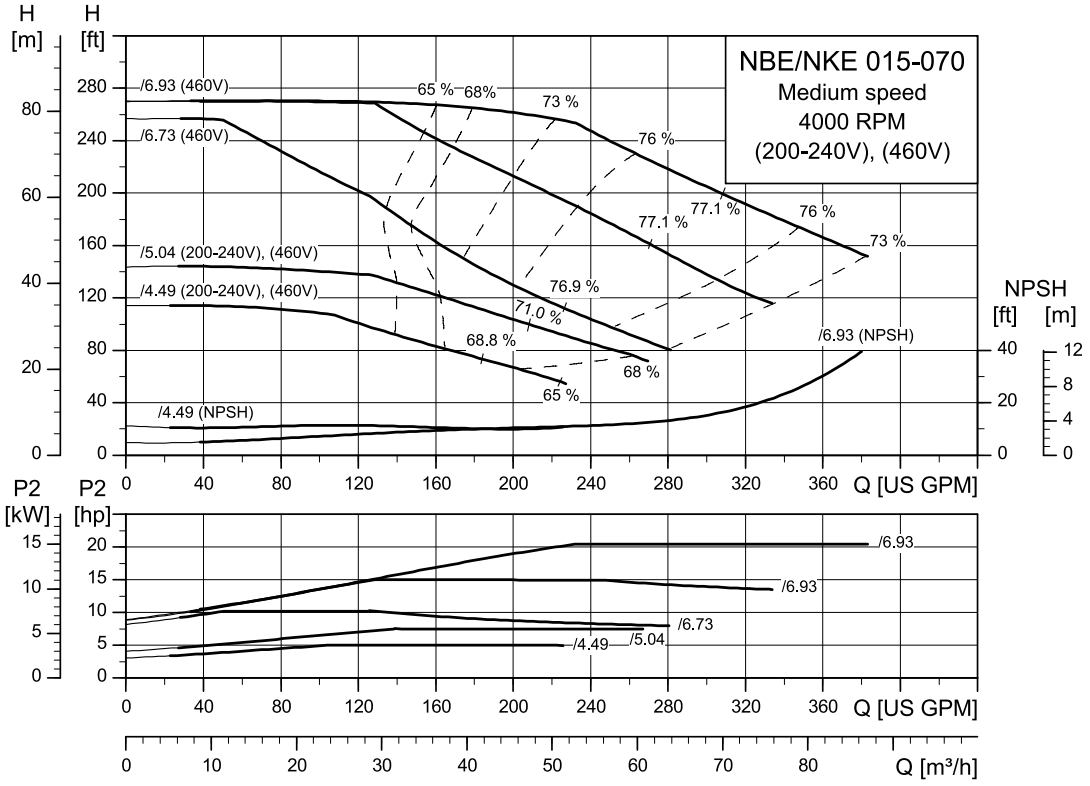
Medium speed, 4000 RPM, MLE 200-240V, MLE & CUE 460V

NBE, NKE 012-070



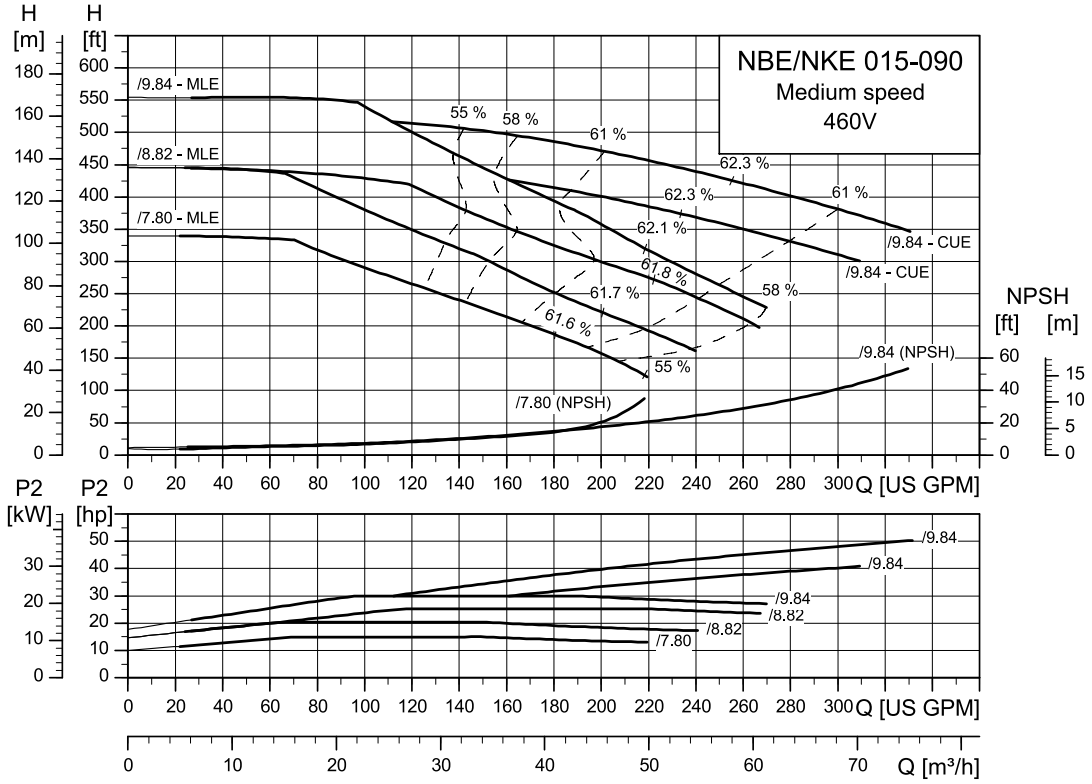
TM087686

NBE, NKE 015-070



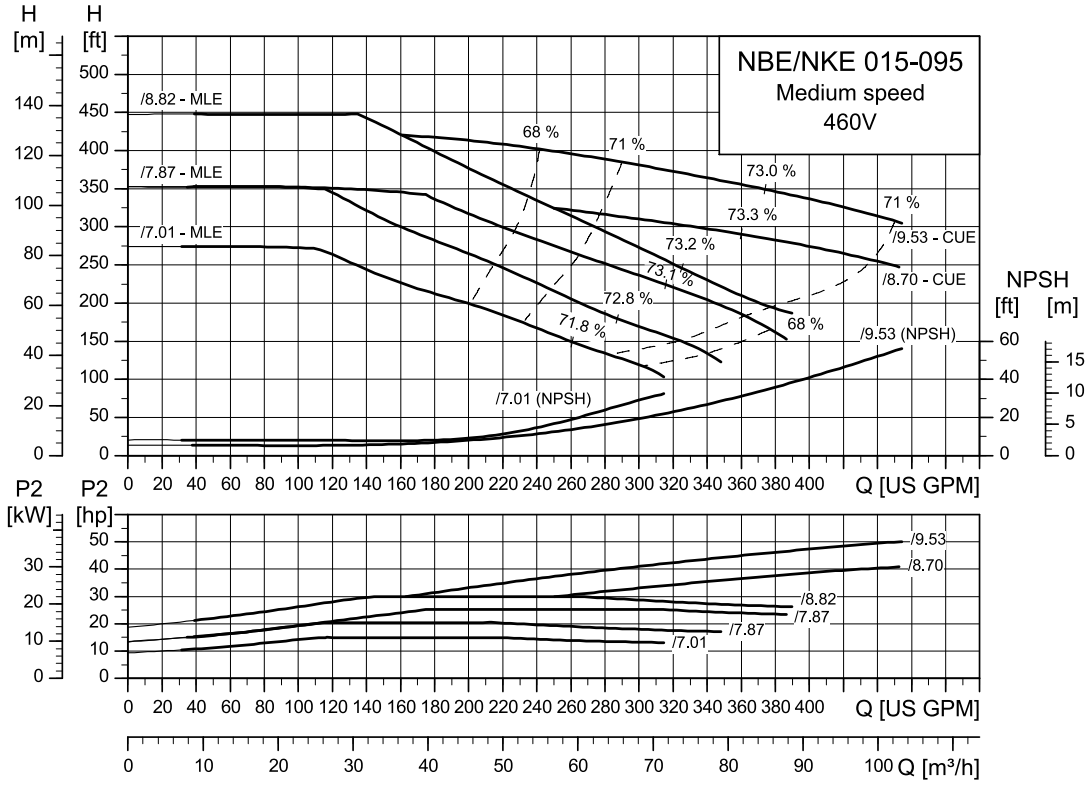
TM087687

NBE, NKE 015-090



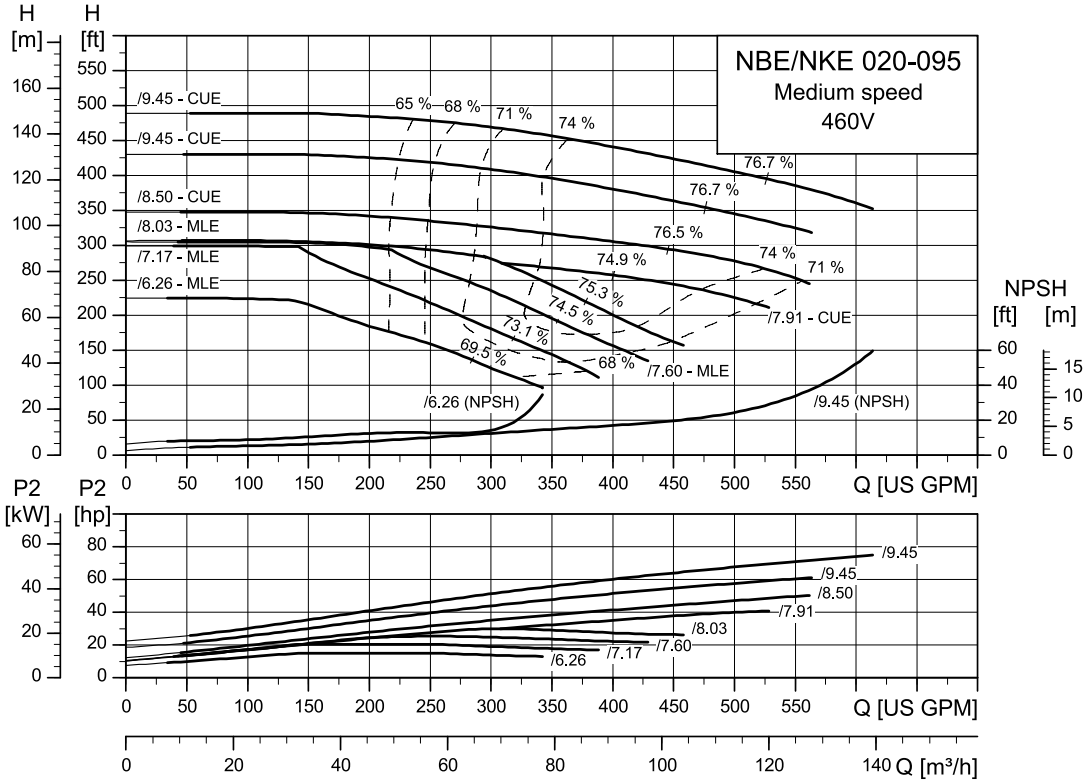
TM087692

NBE, NKE 015-095



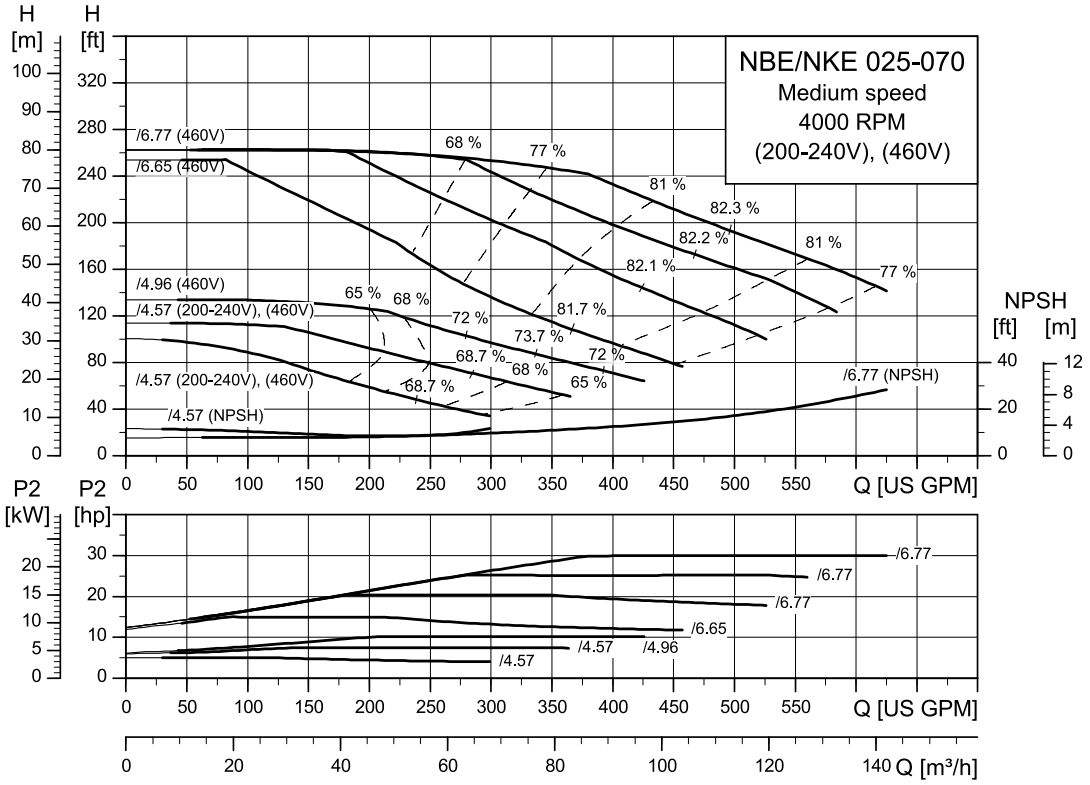
TM087693

NBE, NKE 020-095



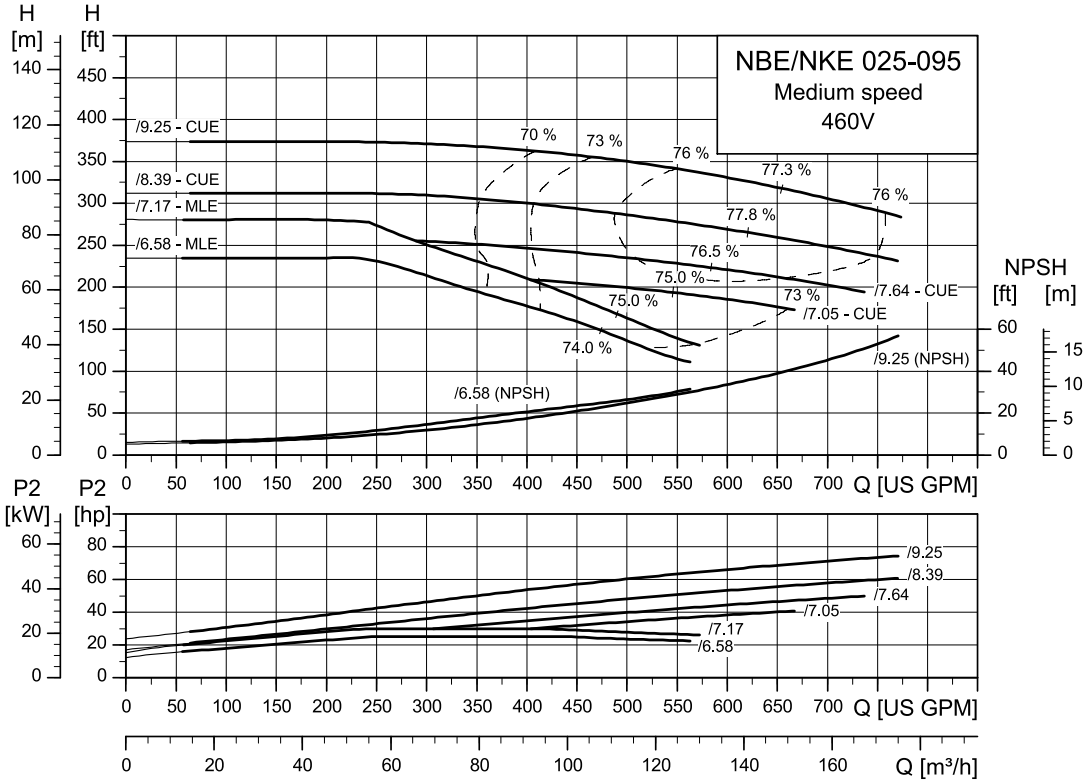
TM087694

NBE, NKE 025-070



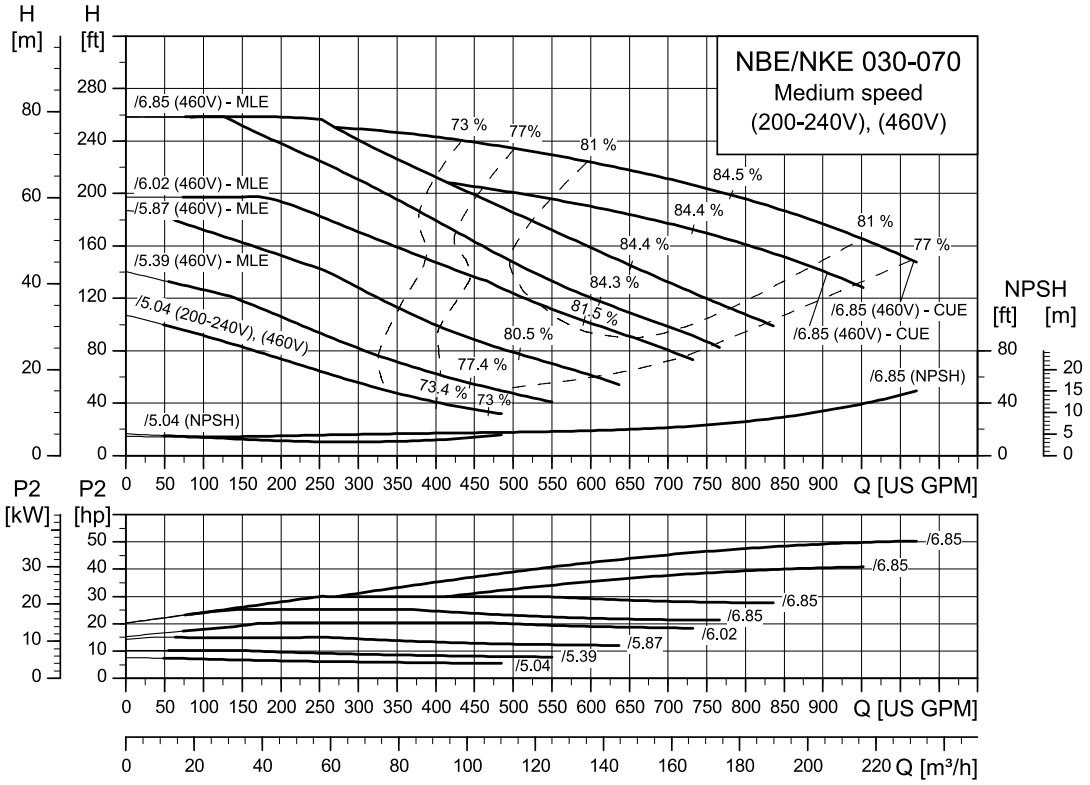
TM087688

NBE, NKE 025-095



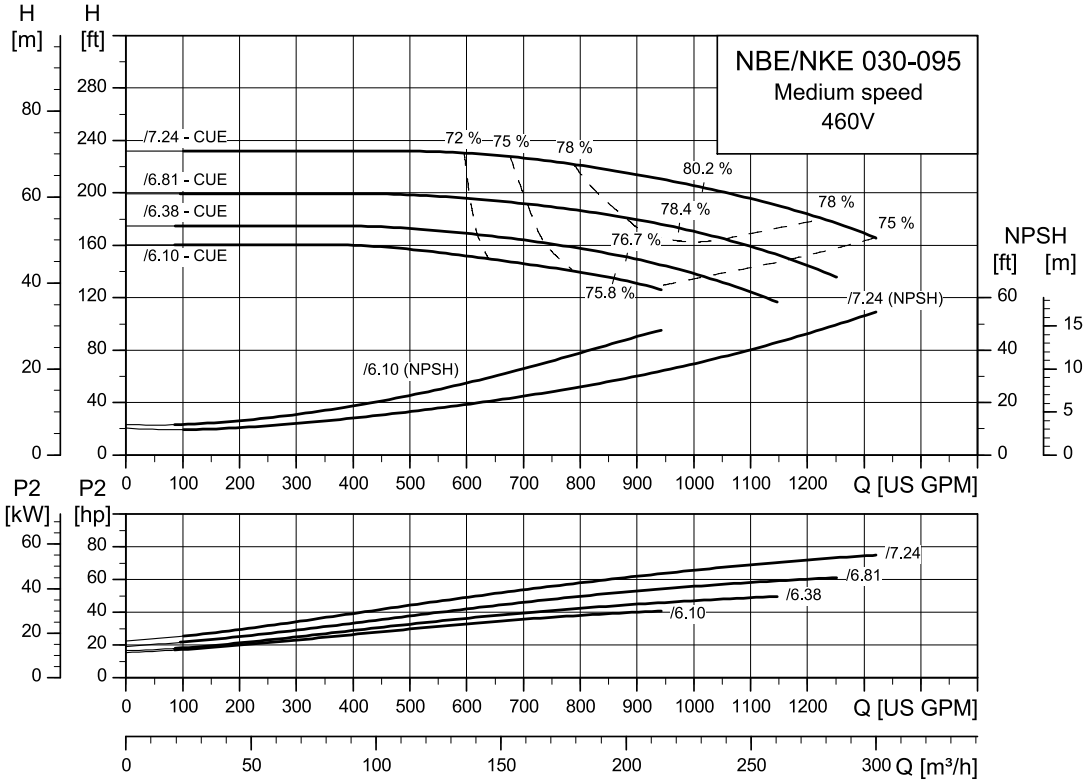
TM087695

NBE, NKE 030-070



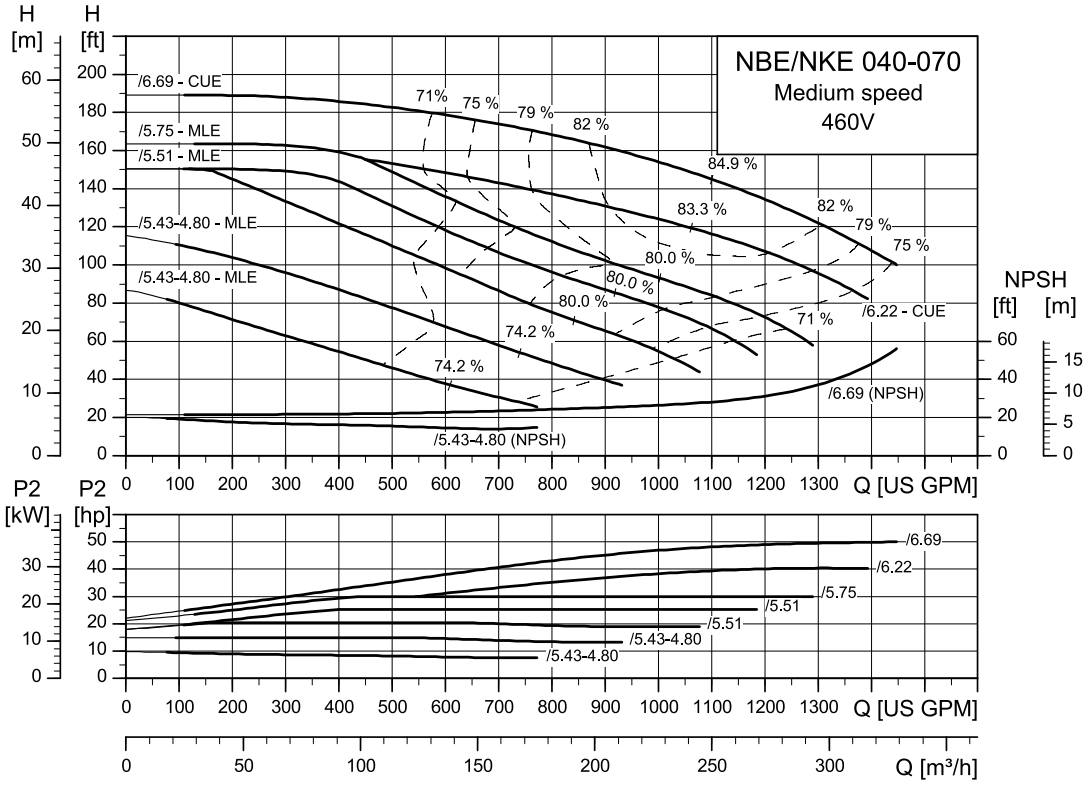
TM087689

NBE, NKE 030-095



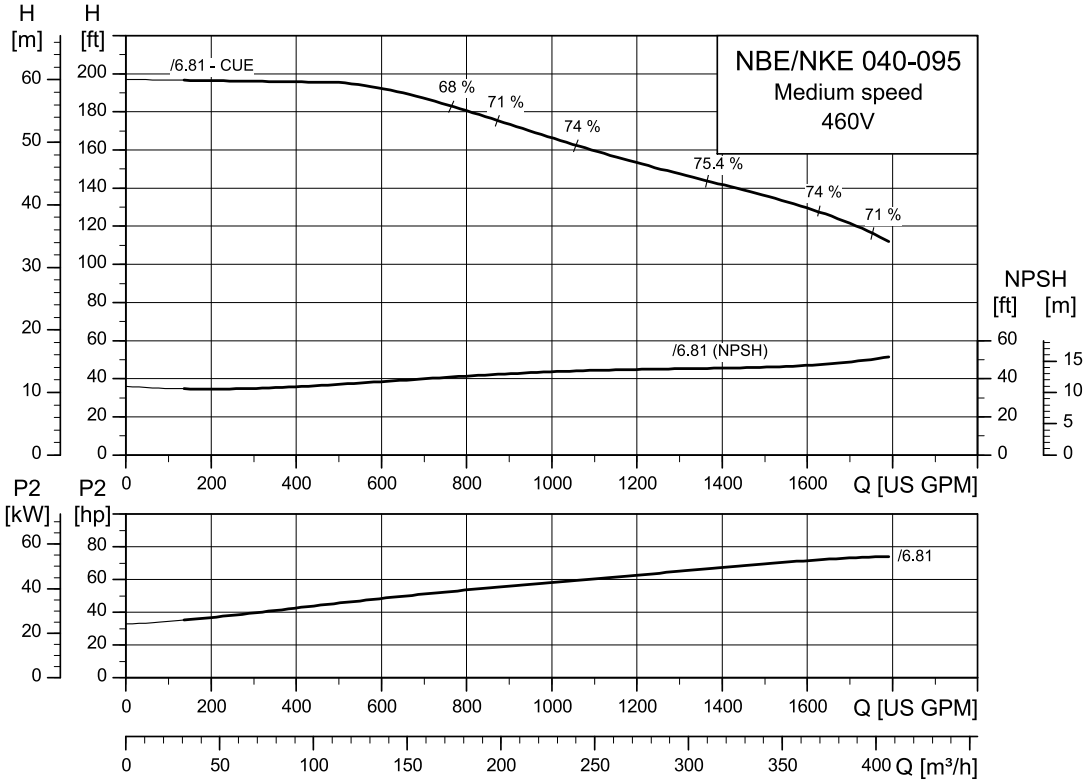
TM089510

NBE, NKE 040-070



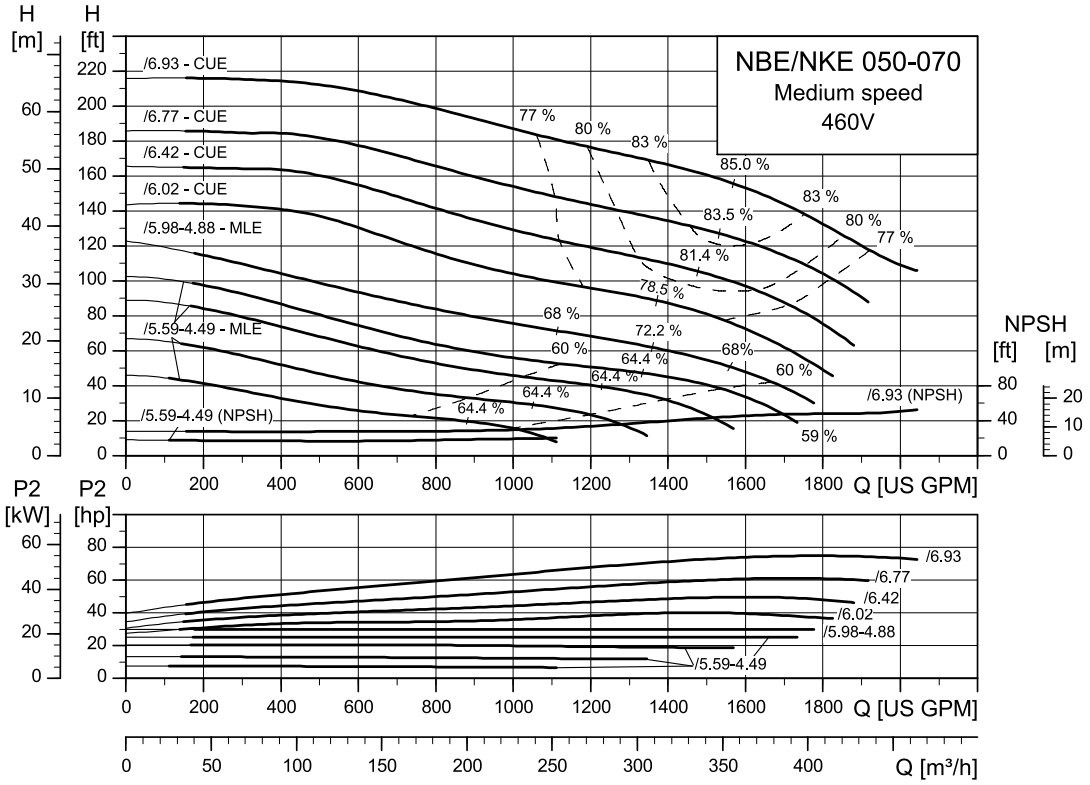
TM087690

NBE, NKE 040-095



TM089511

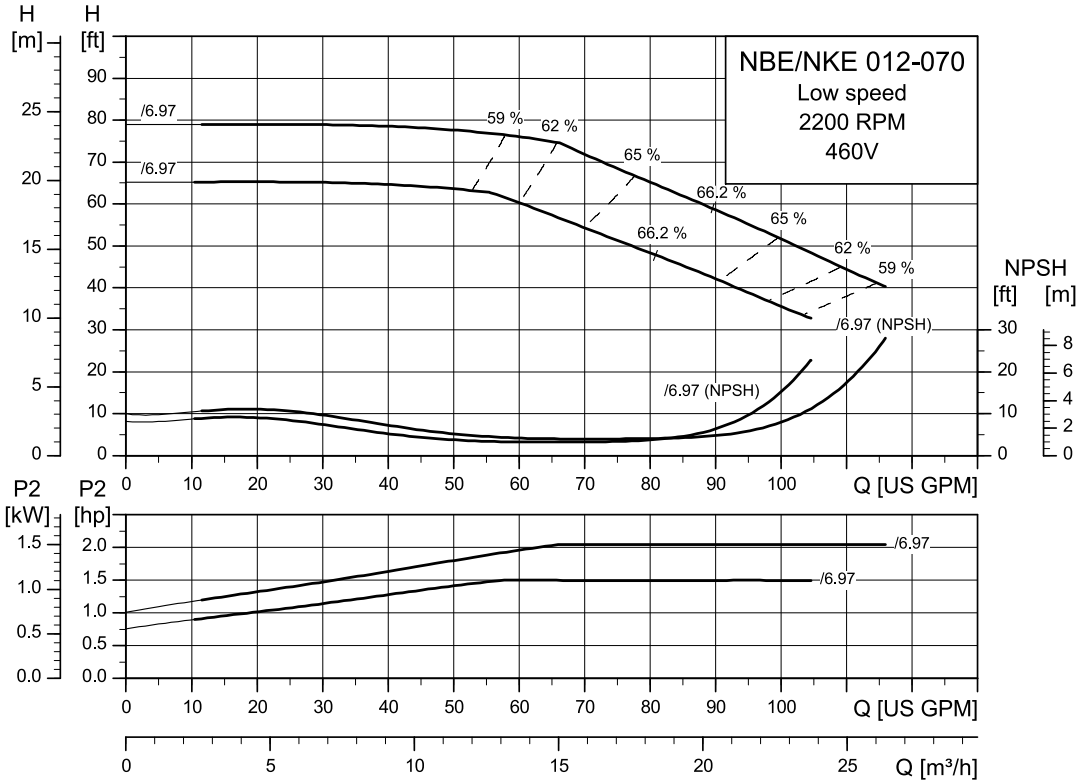
NBE, NKE 050-070



TM087691

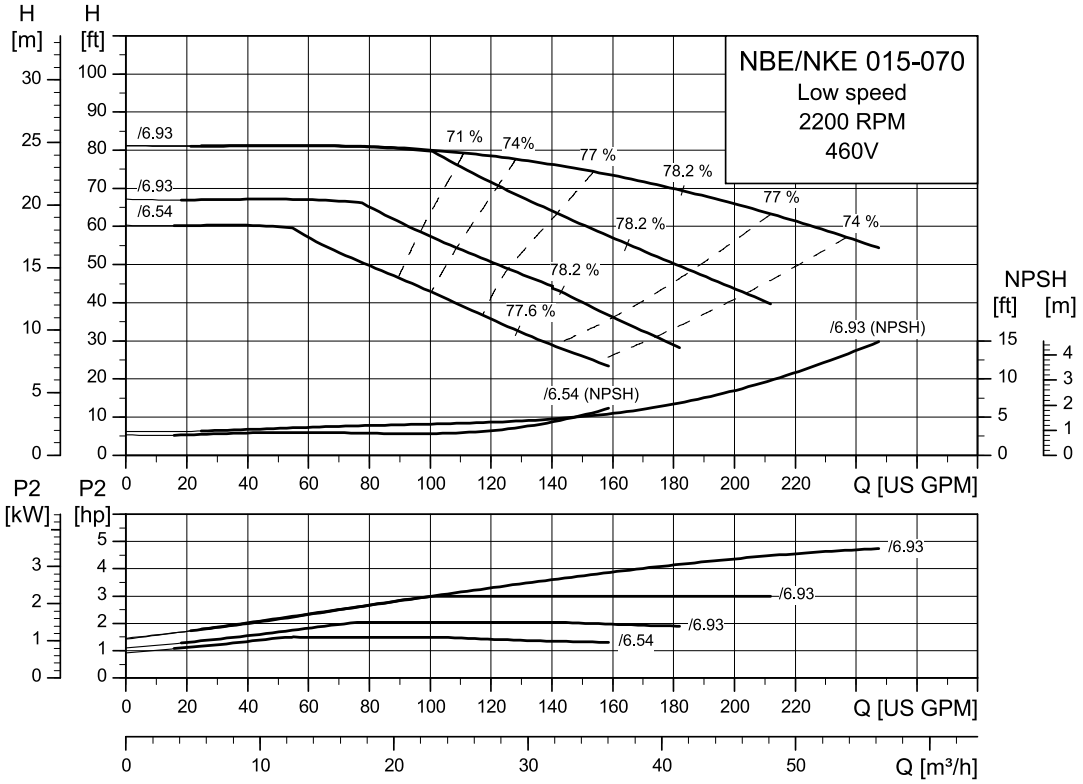
Low speed, 2000/2200 RPM, MLE & CUE 460V

NBE, NKE 012-070



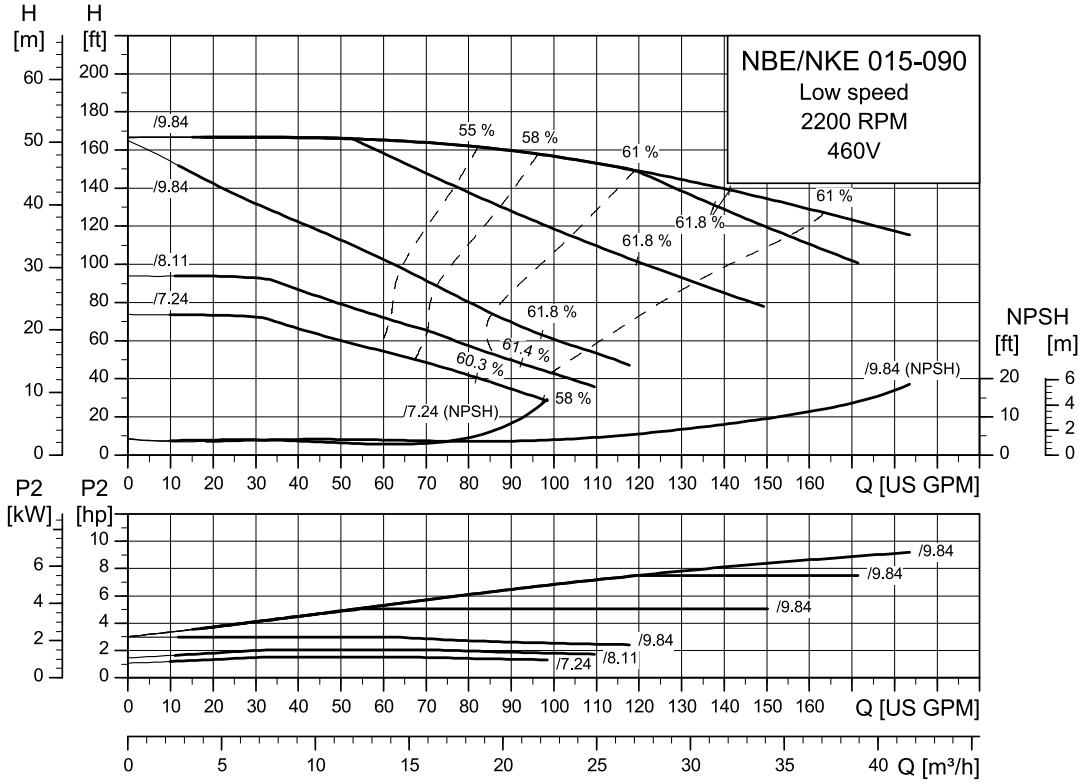
TM087708

NBE, NKE 015-070



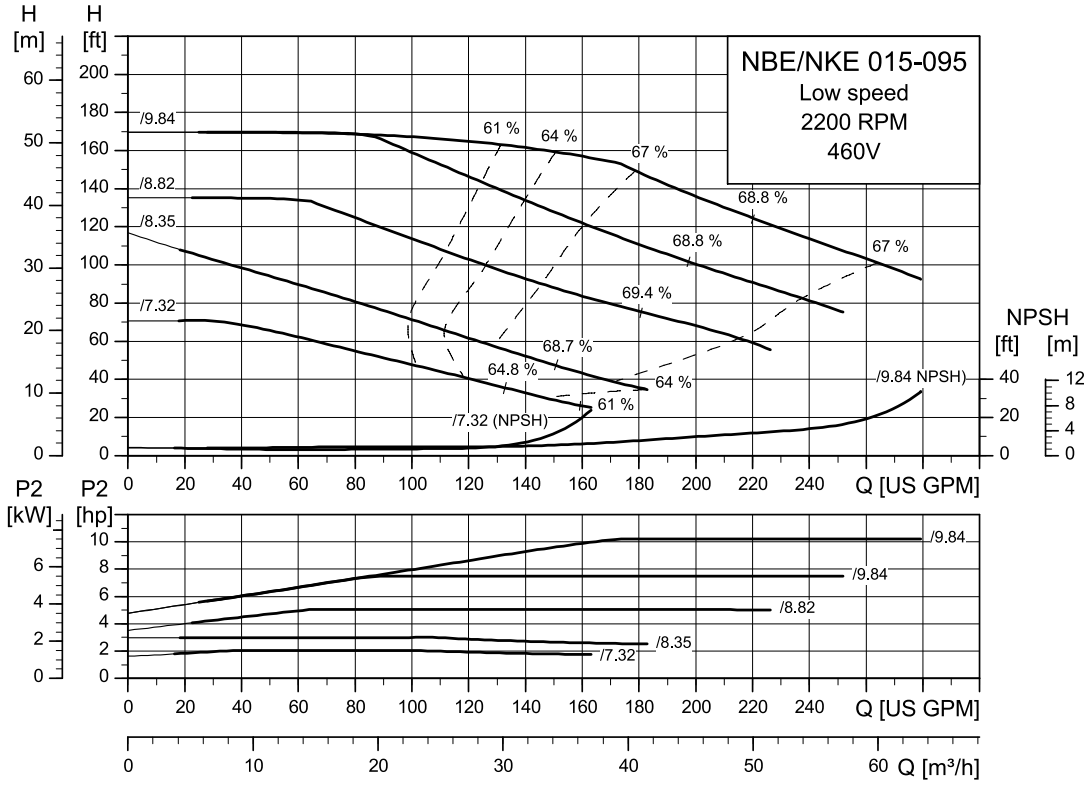
TM087696

NBE, NKE 015-090



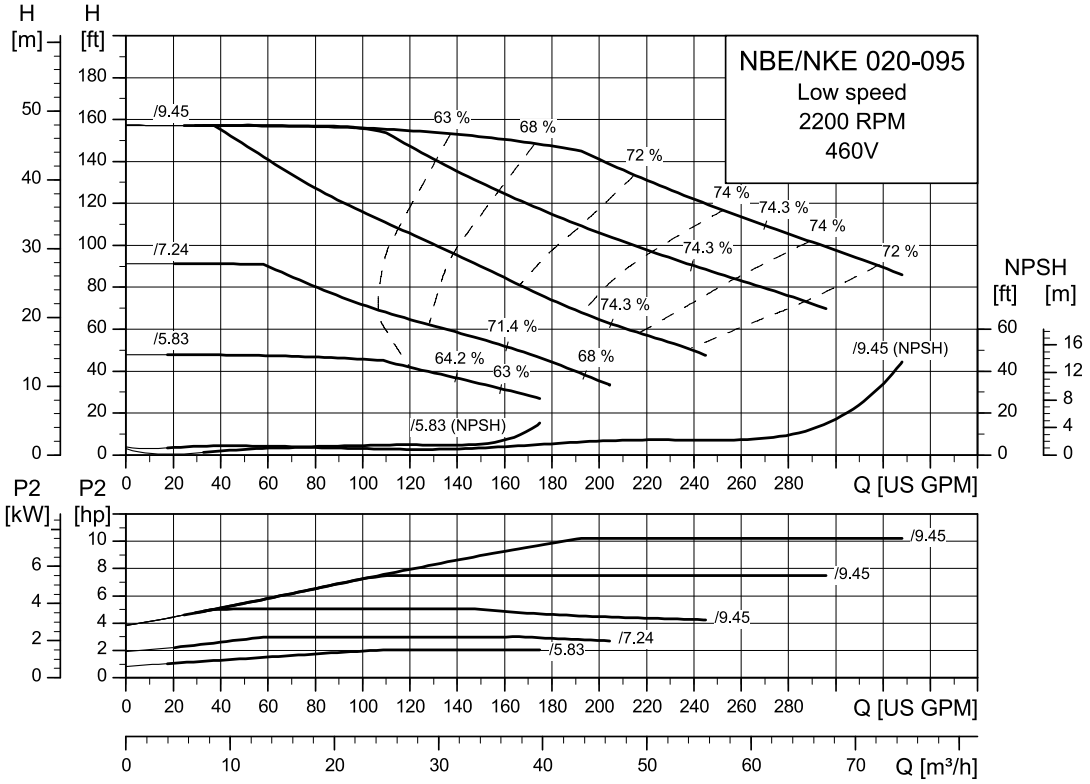
TM087697

NBE, NKE 015-095



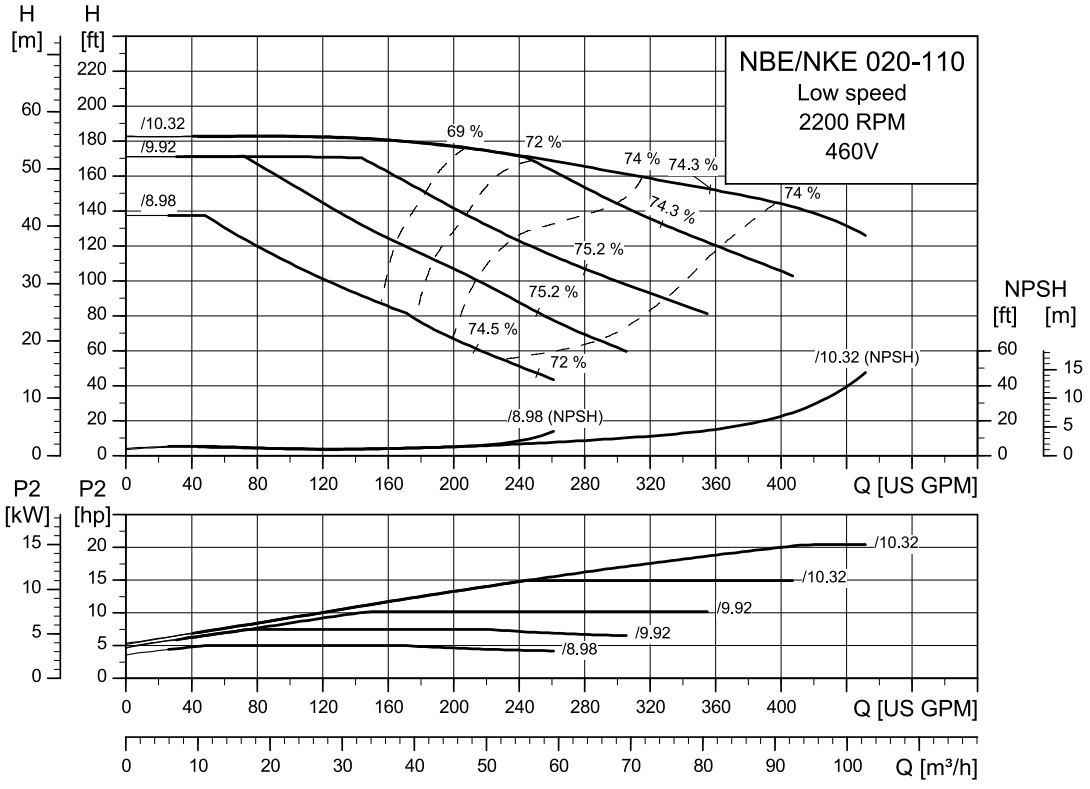
TM087698

NBE, NKE 020-095



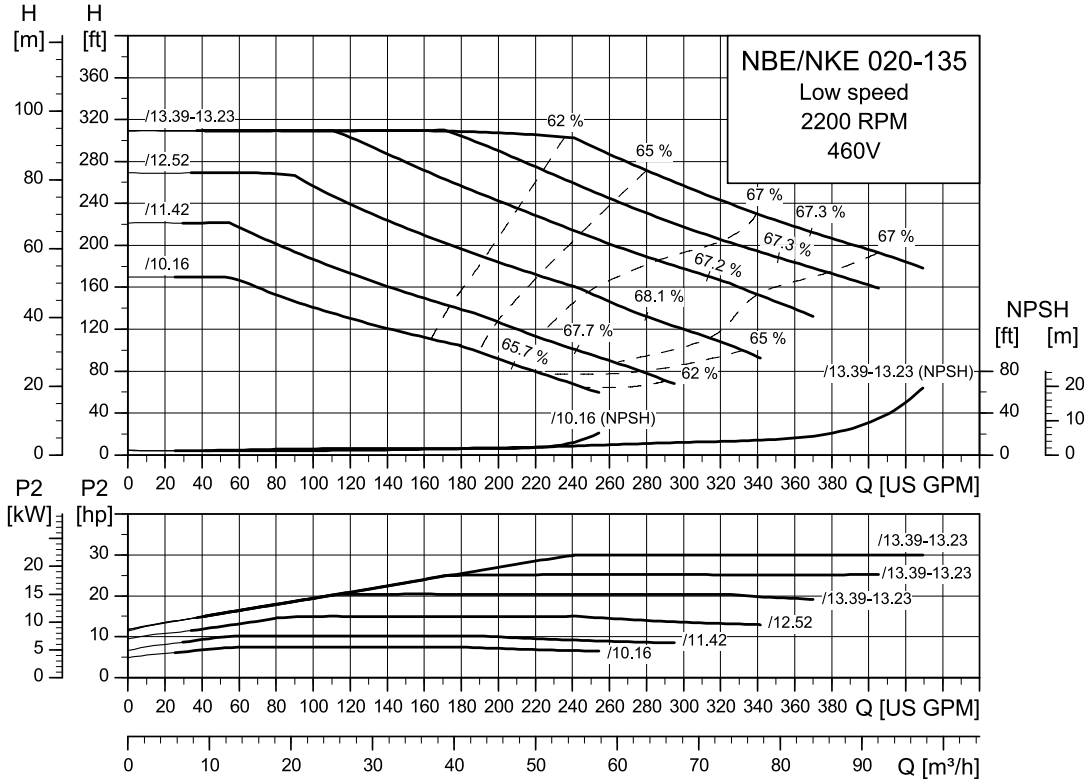
TM087699

NBE, NKE 020-110



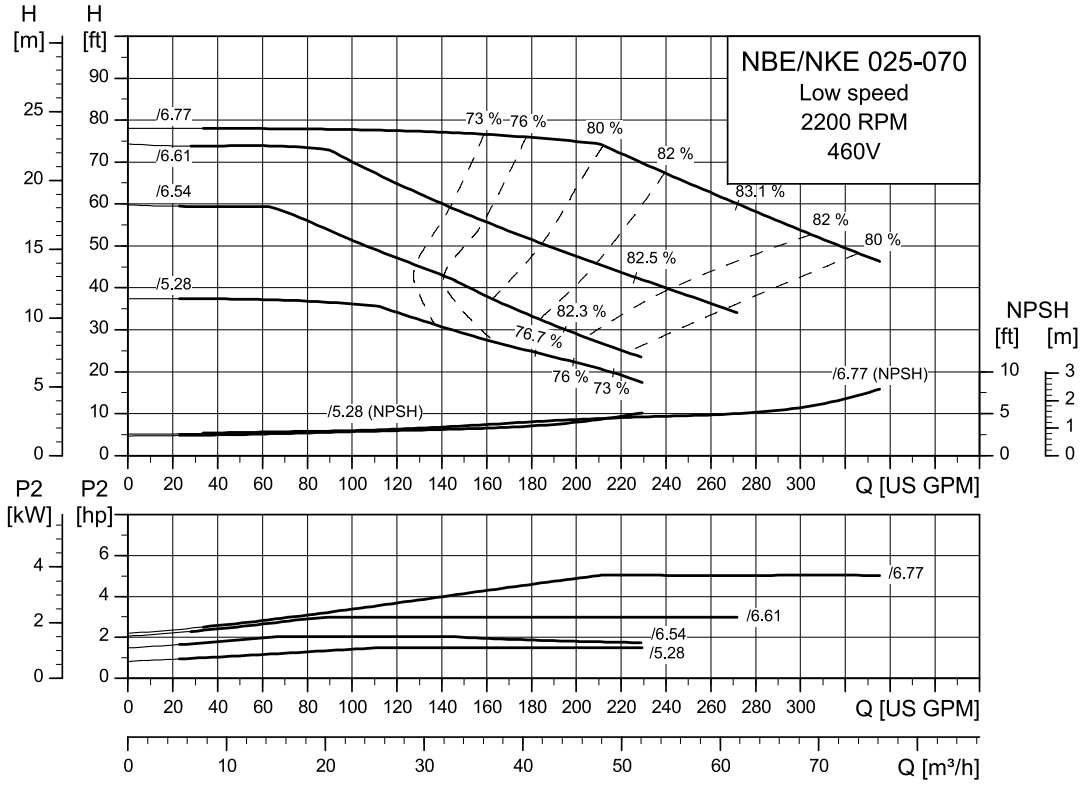
TM087700

NBE, NKE 020-135



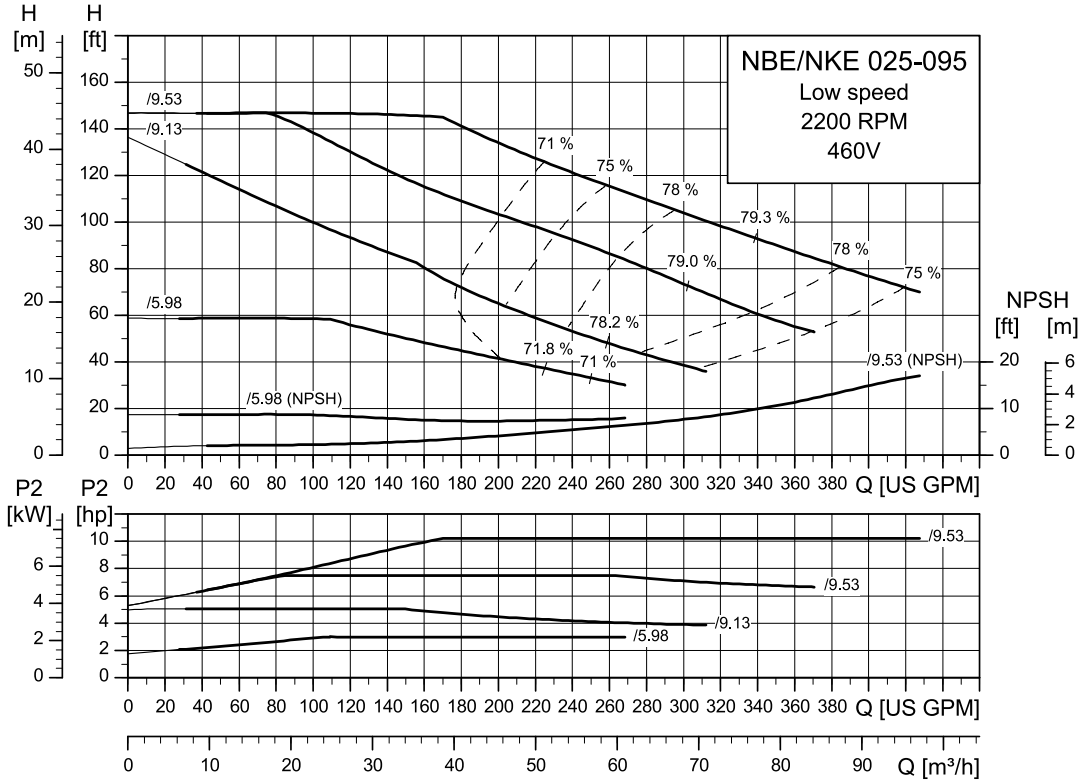
TM087712

NBE, NKE 025-070



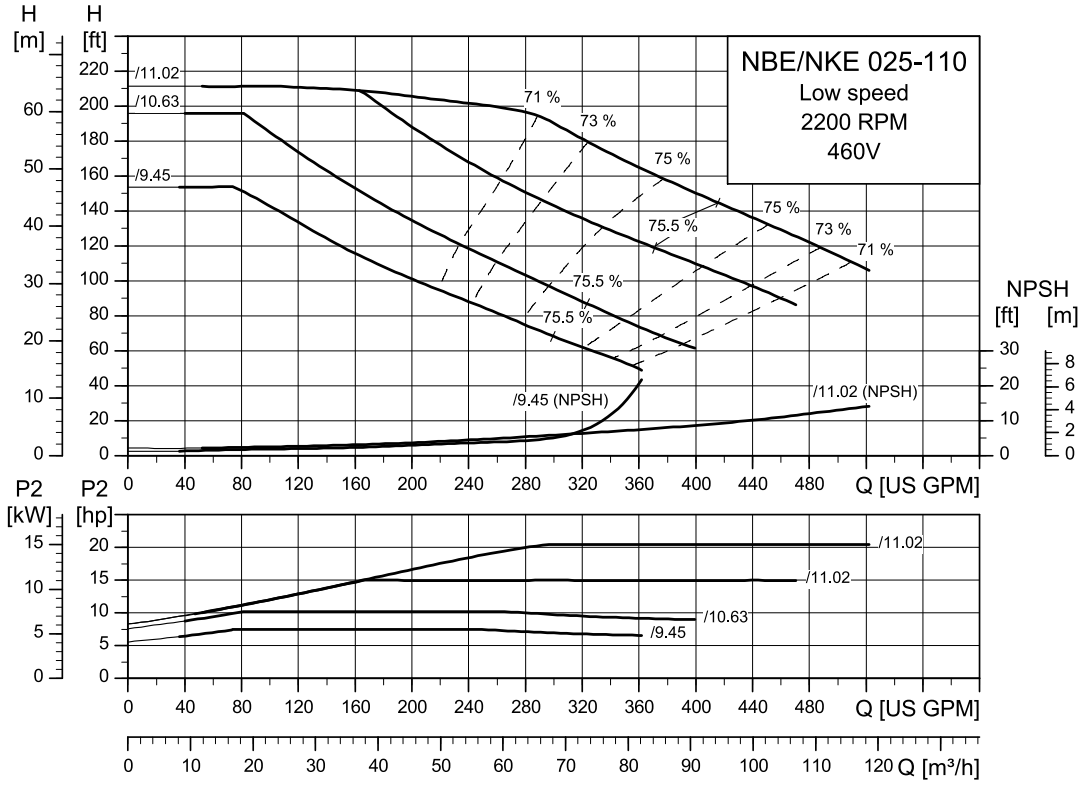
TM087701

NBE, NKE 025-095



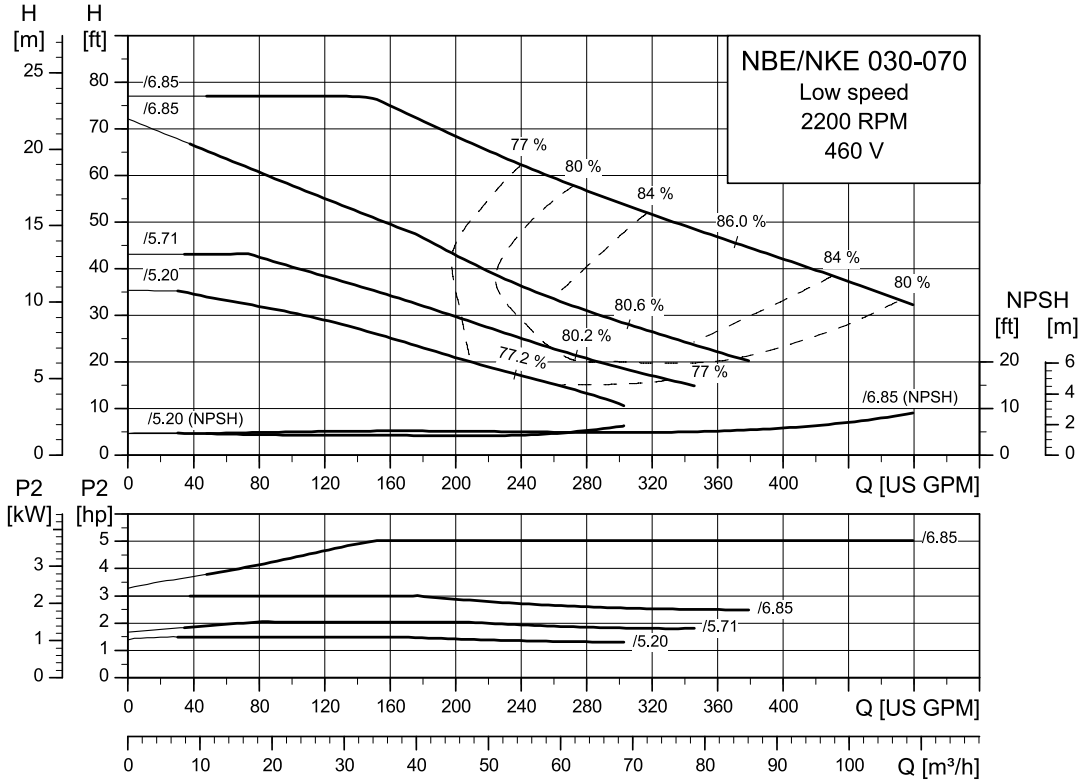
TM087702

NBE, NKE 025-110



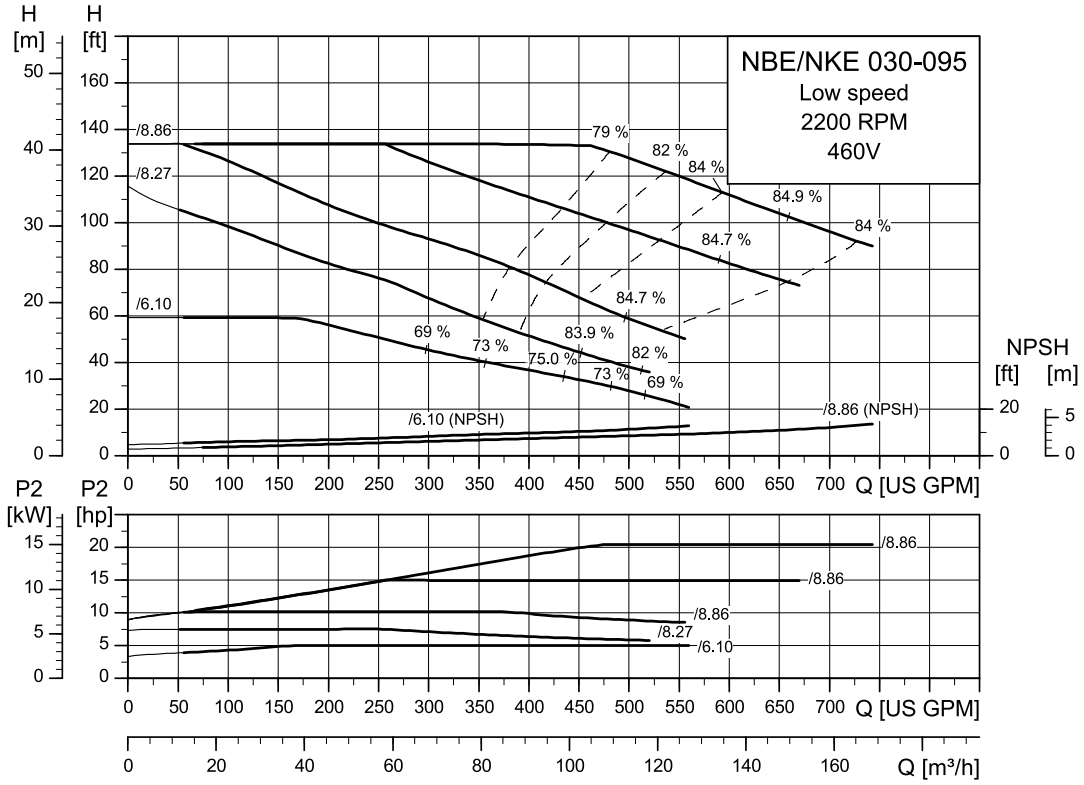
TM087709

NBE, NKE 030-070



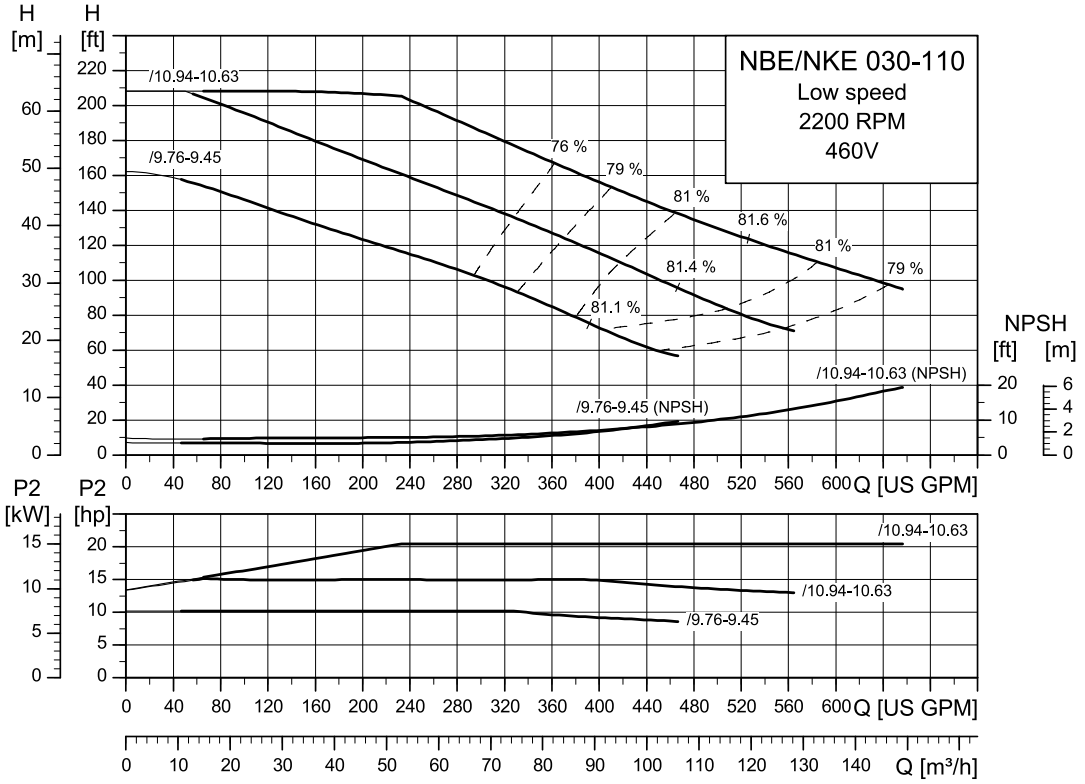
TM087703

NBE, NKE 030-095



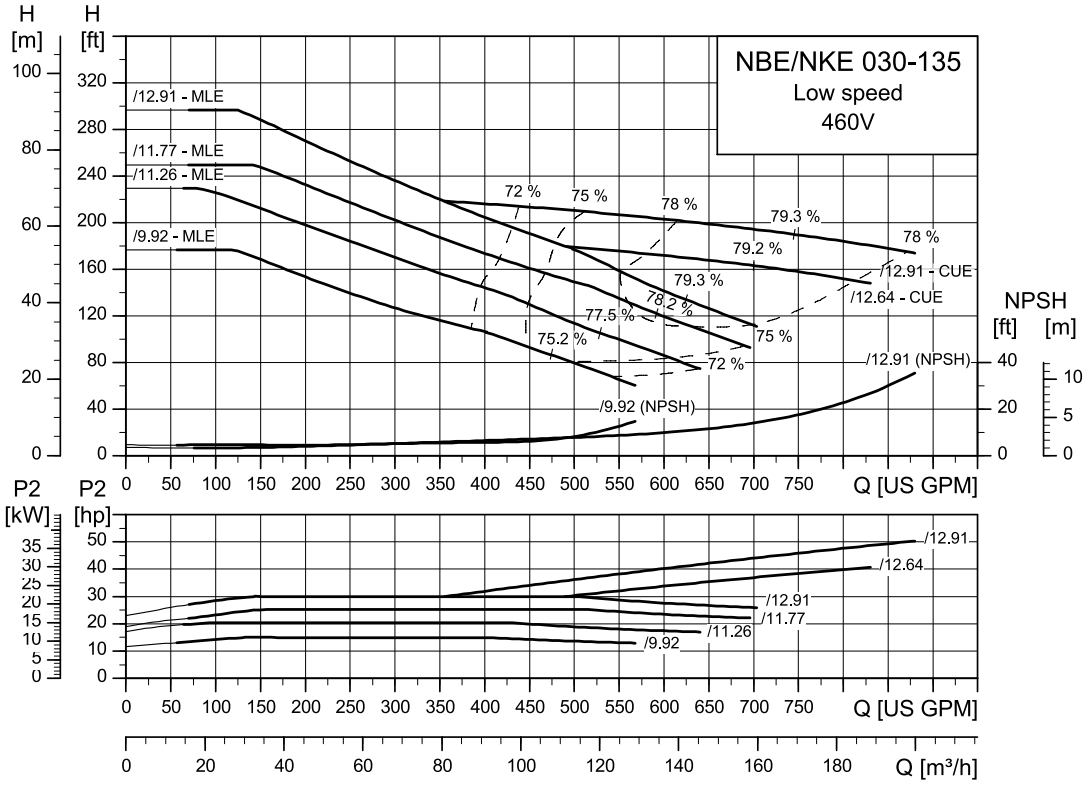
TM087704

NBE, NKE 030-110



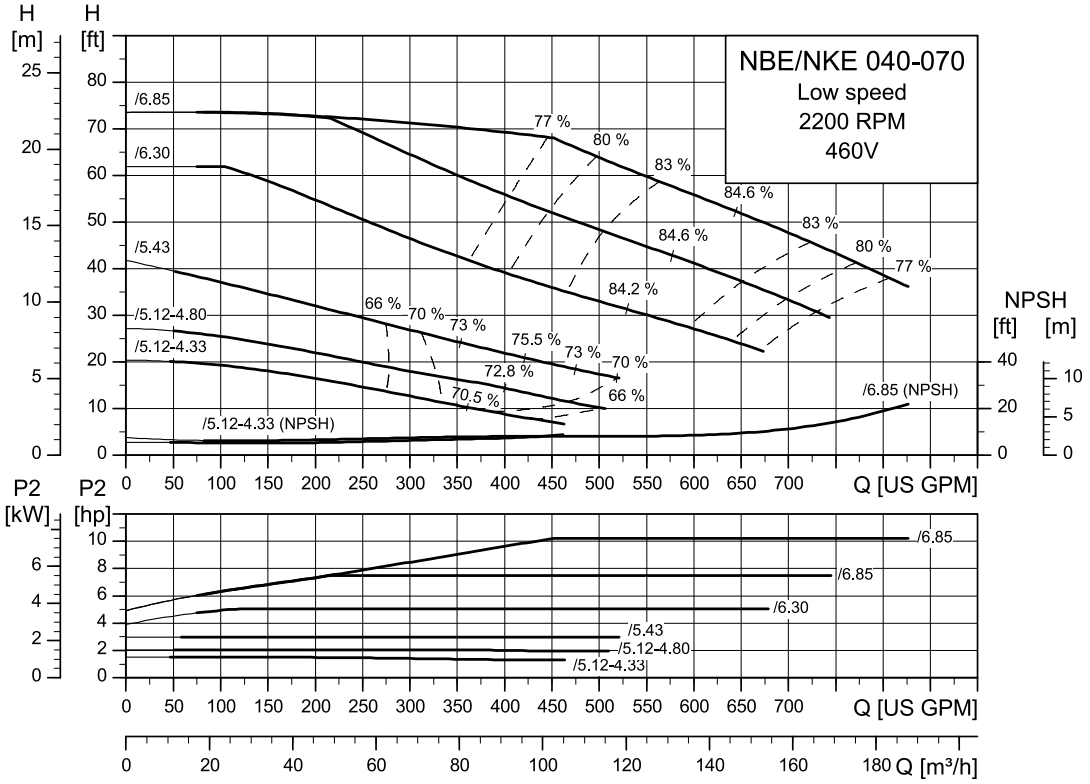
TM087710

NBE, NKE 030-135



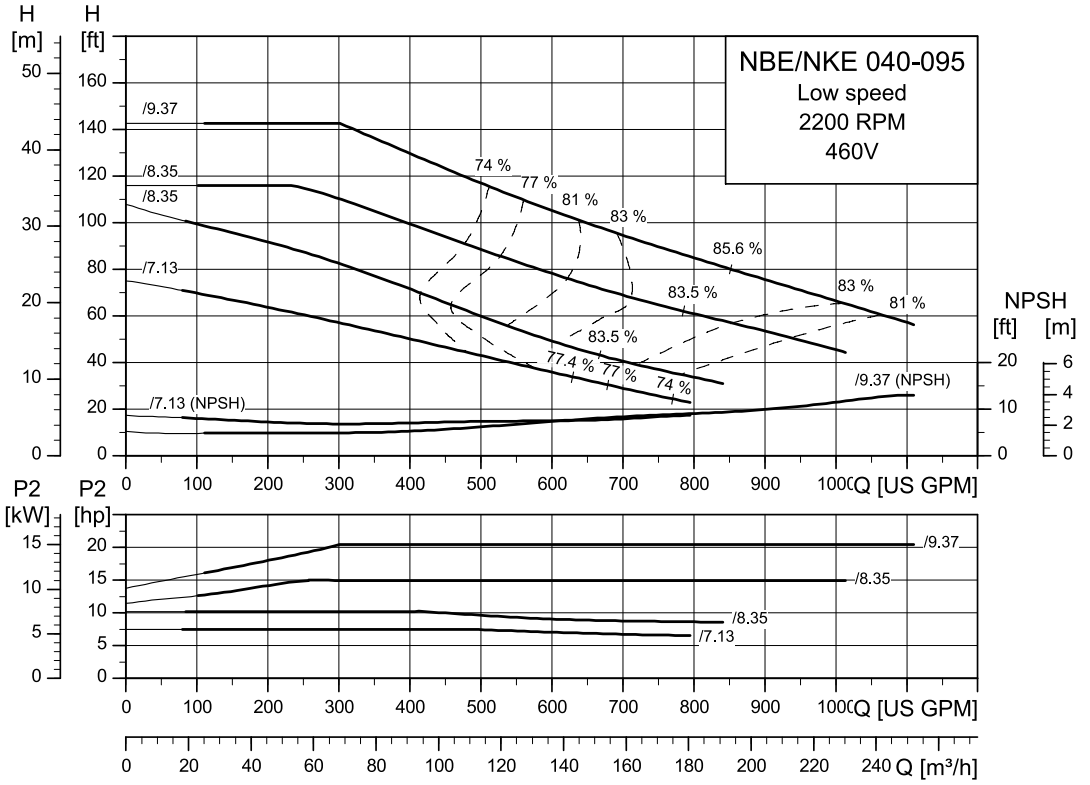
TM087713

NBE, NKE 040-070



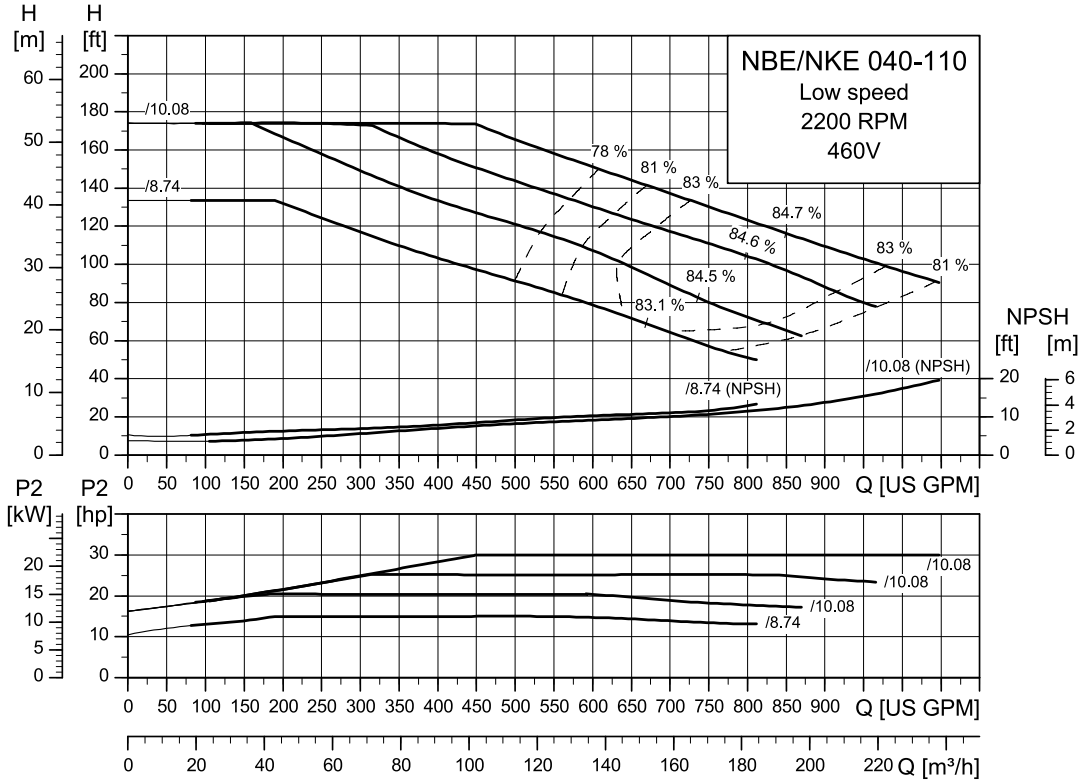
TM087705

NBE, NKE 040-095



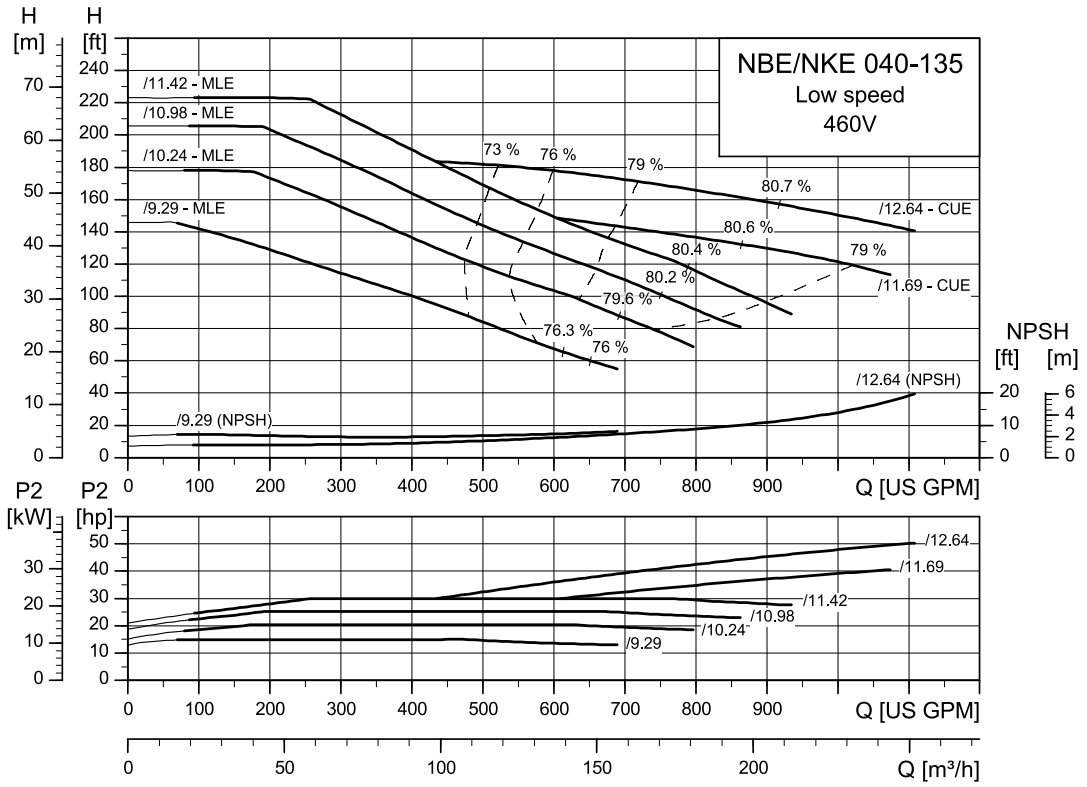
TM087714

NBE, NKE 040-110



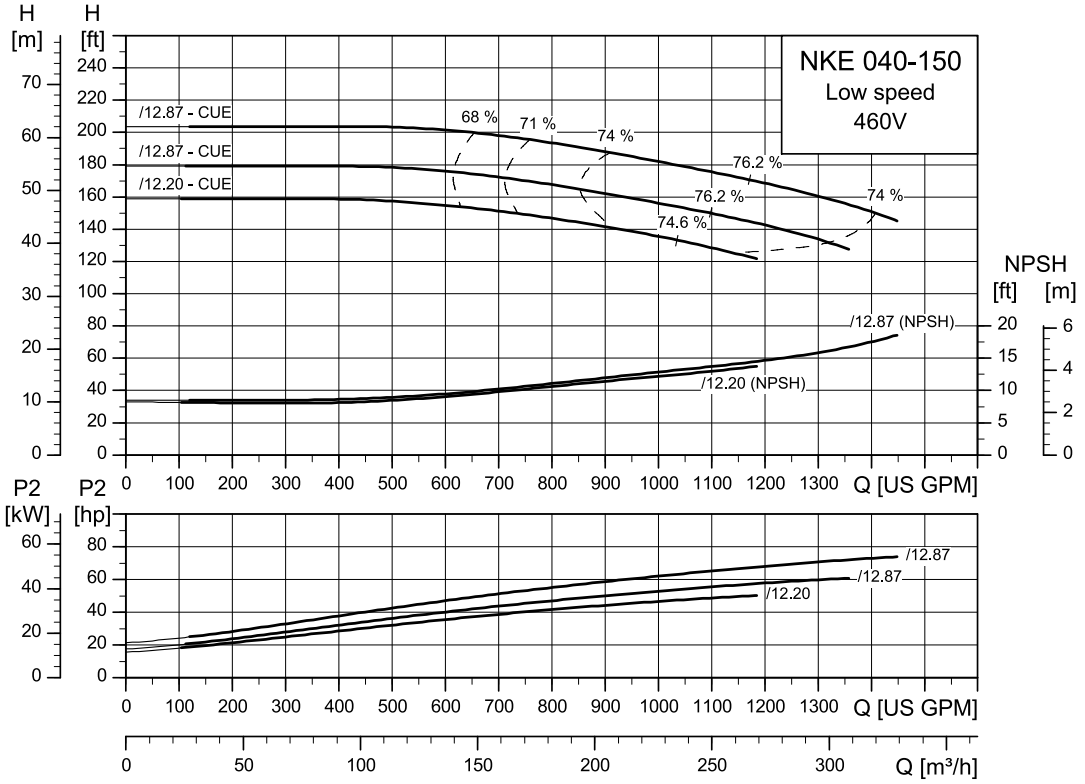
TM087711

NBE, NKE 040-135



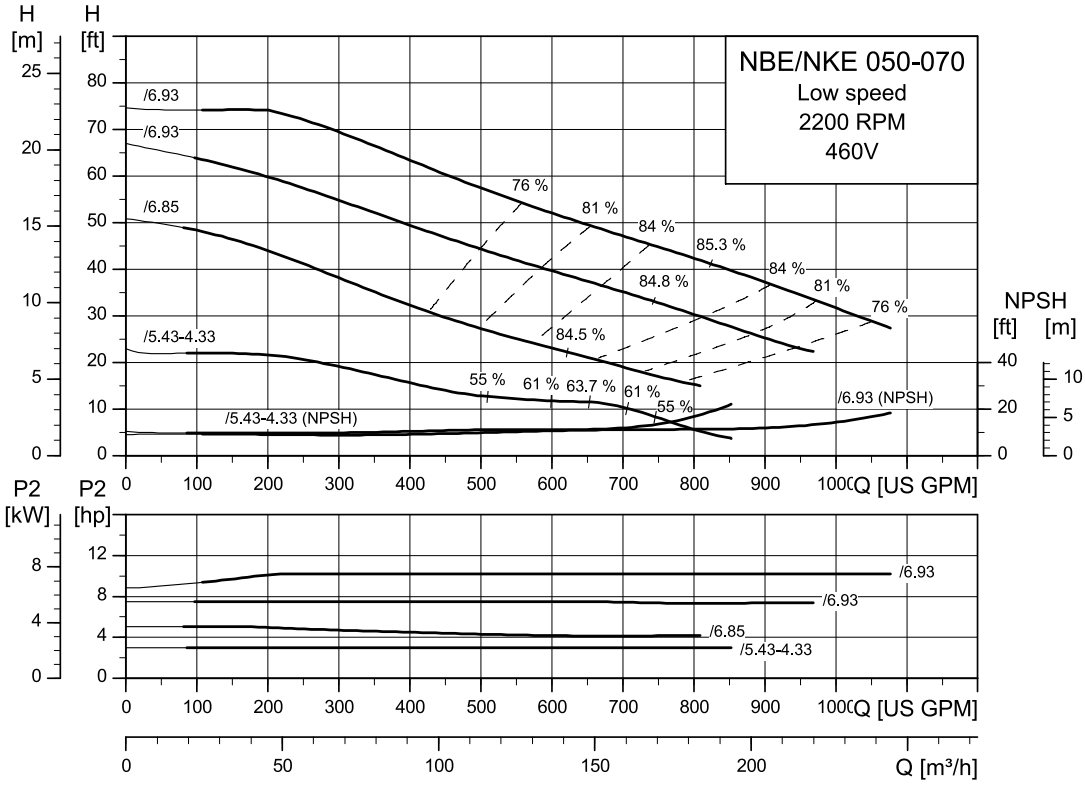
TM087715

NKE 040-150



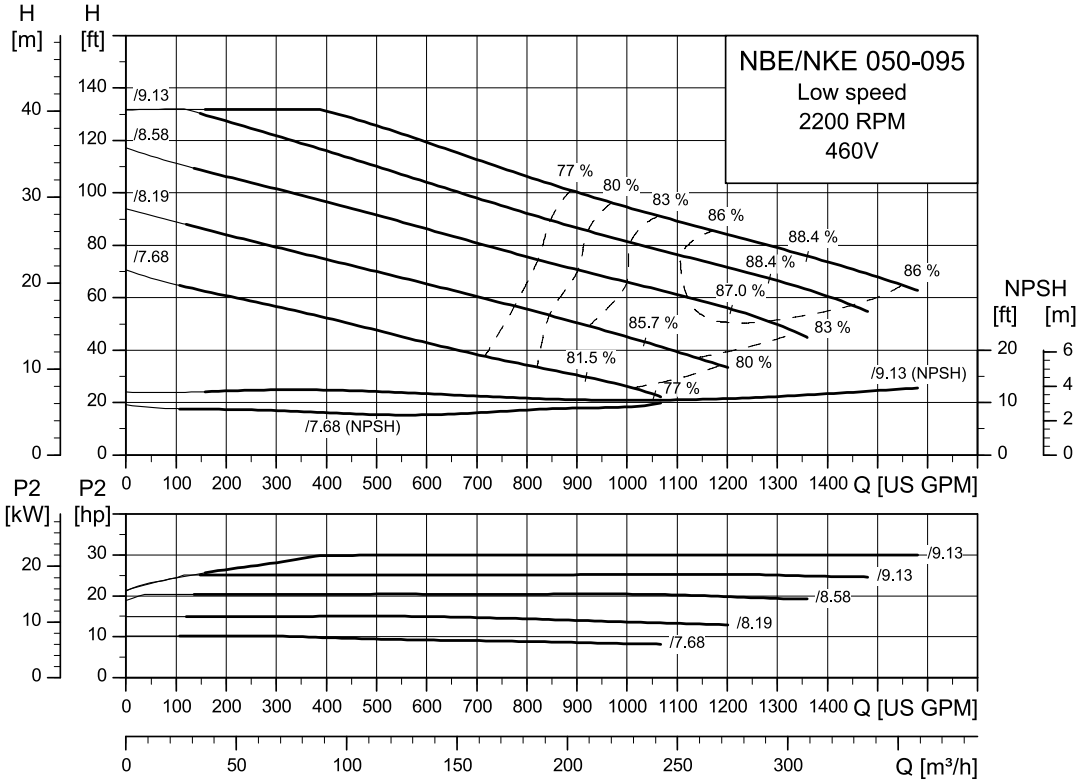
TM089512

NBE, NKE 050-070



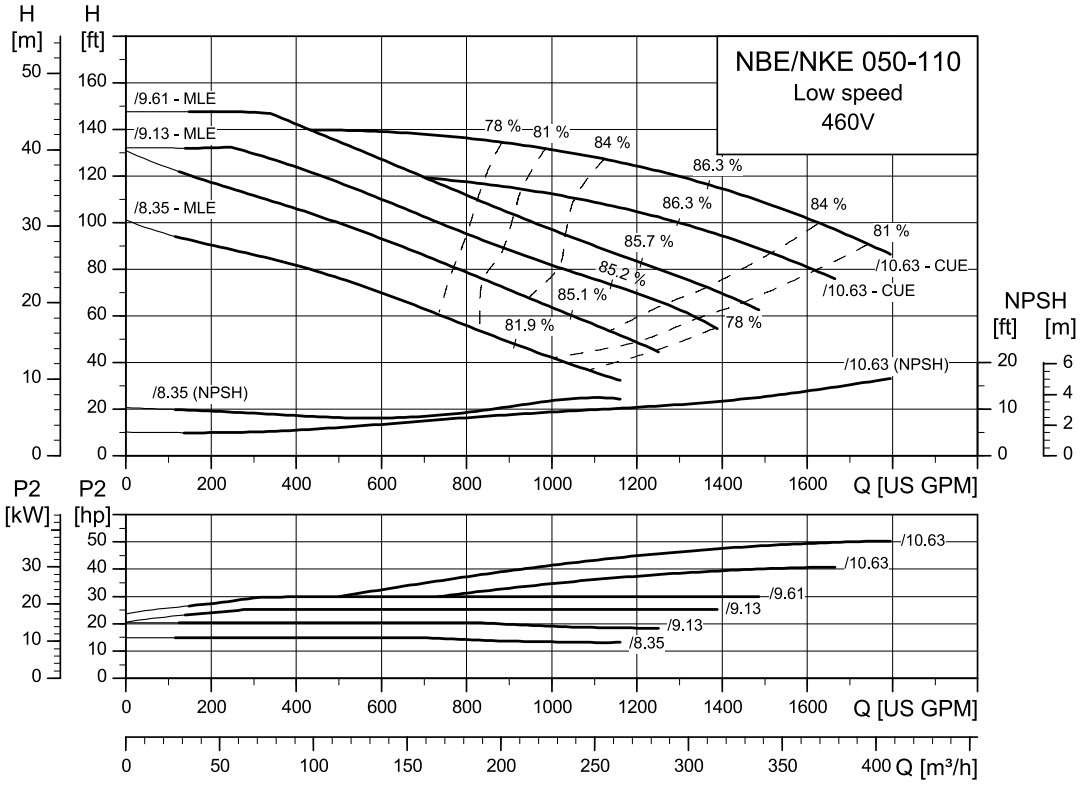
TM087706

NBE, NKE 050-095



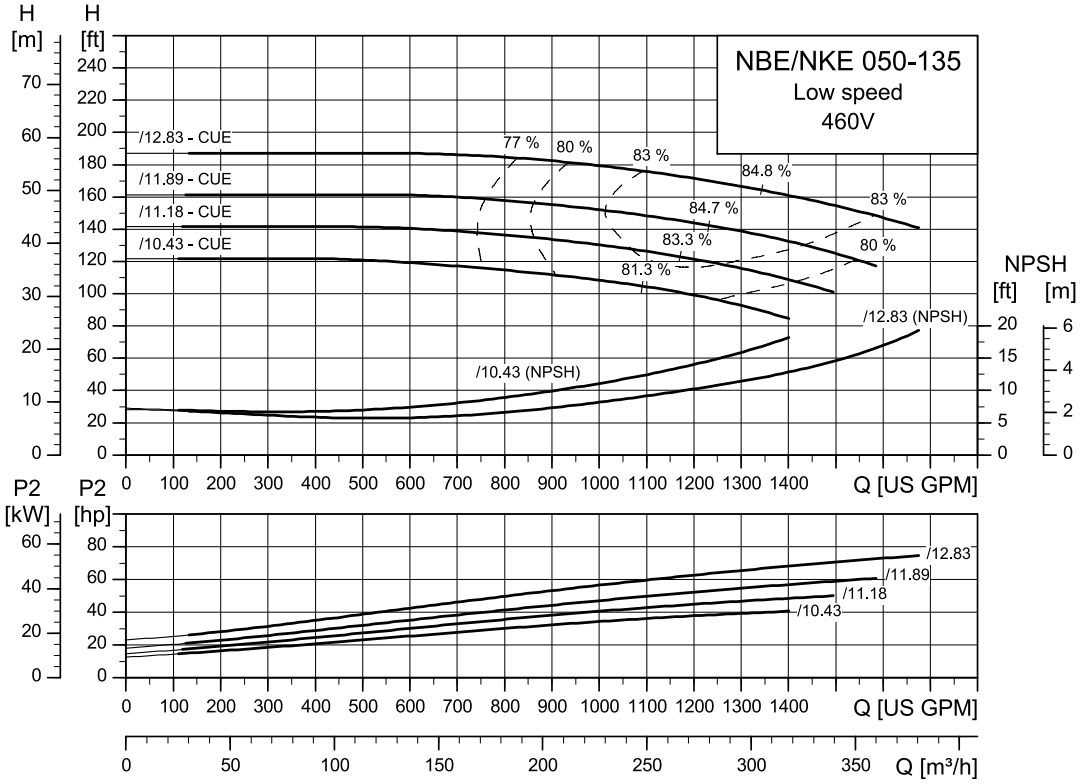
TM087707

NBE, NKE 050-110



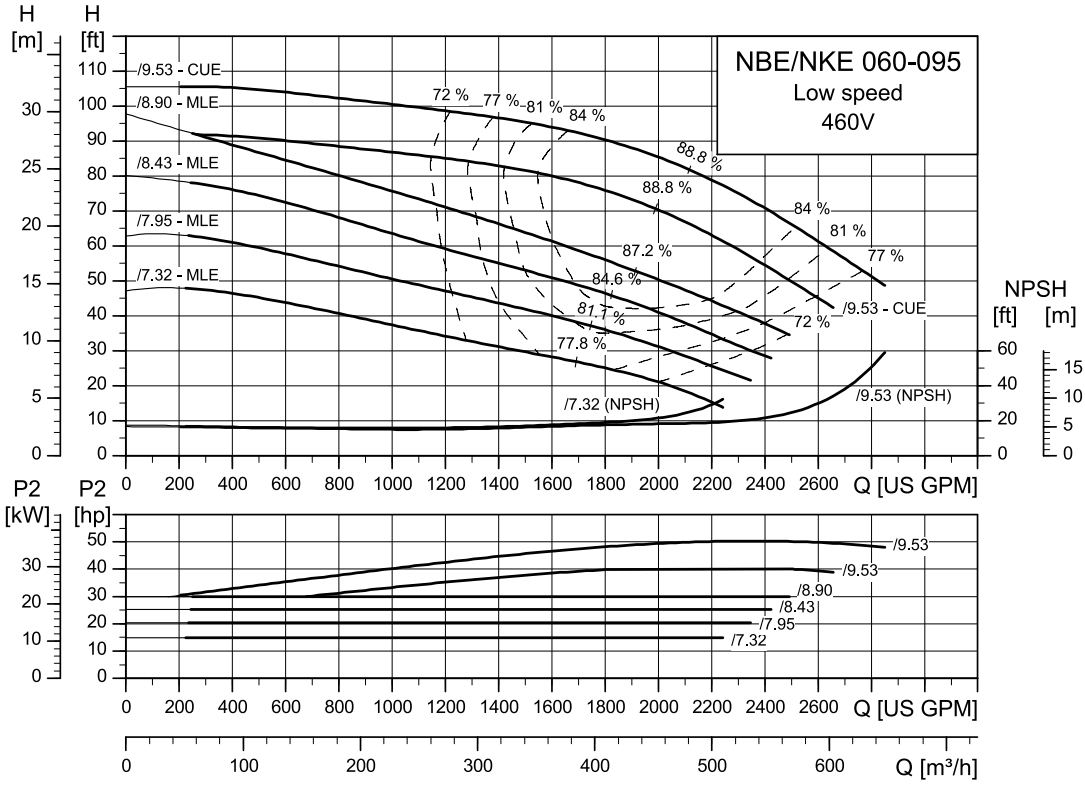
TM087716

NBE, NKE 050-135



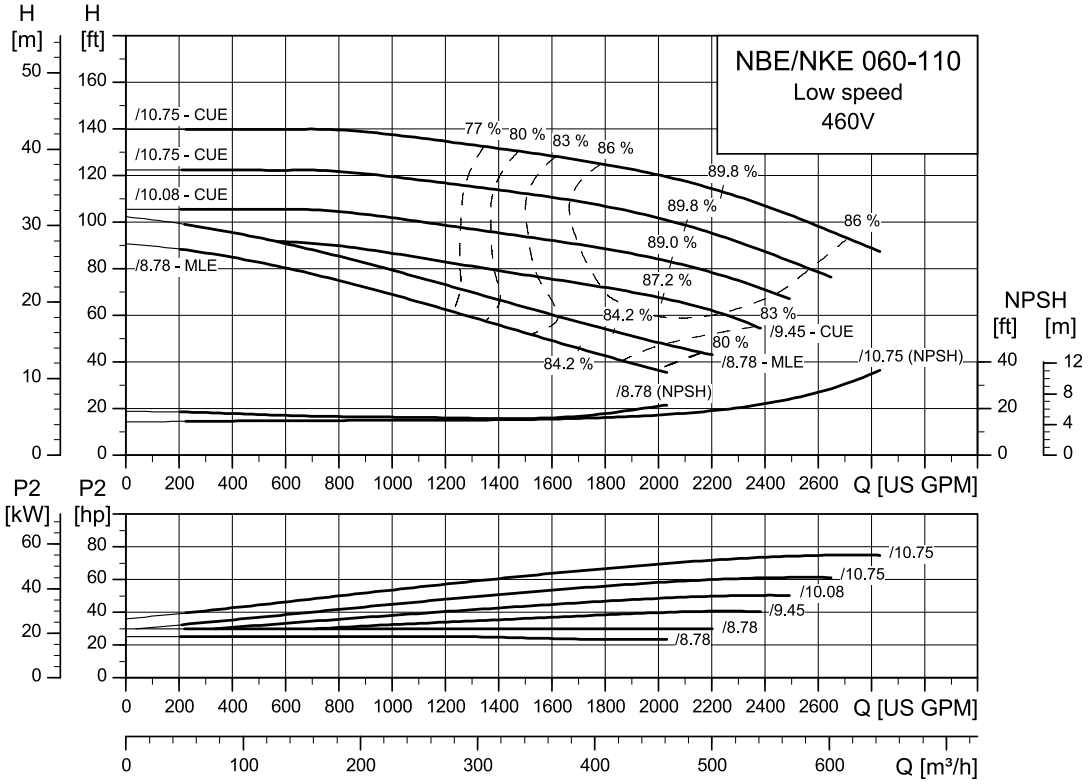
TM089513

NBE, NKE 060-095



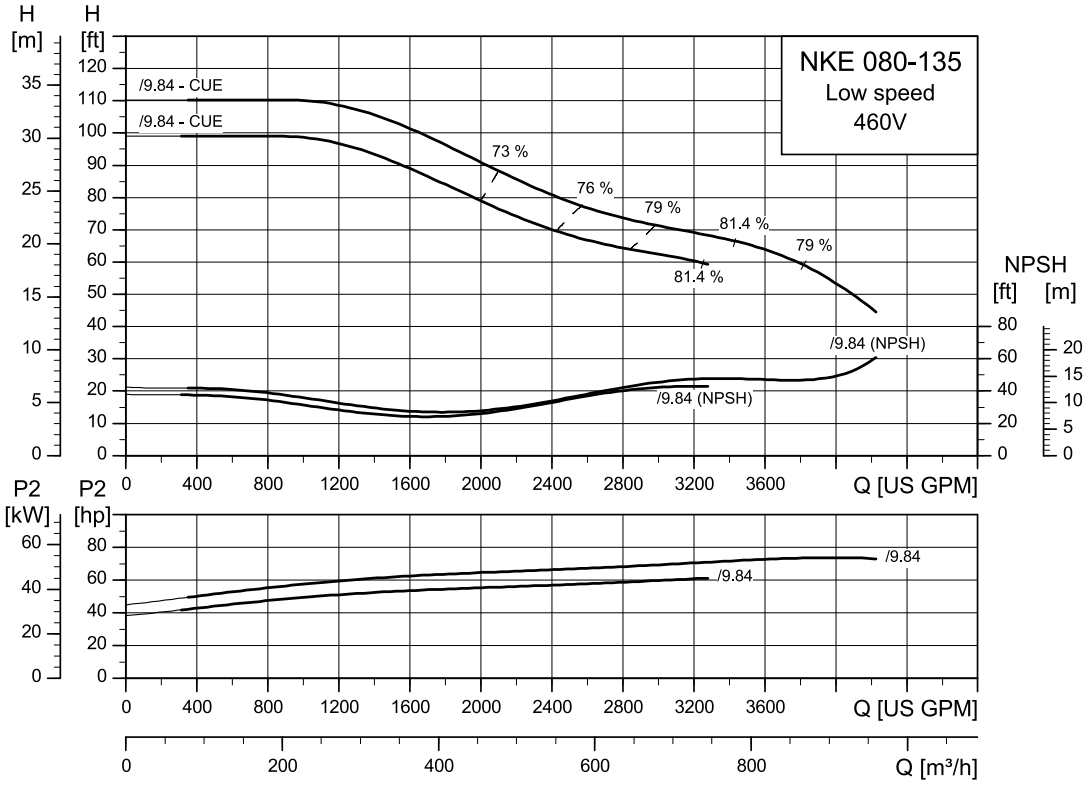
TM087717

NBE, NKE 060-110



TM087718

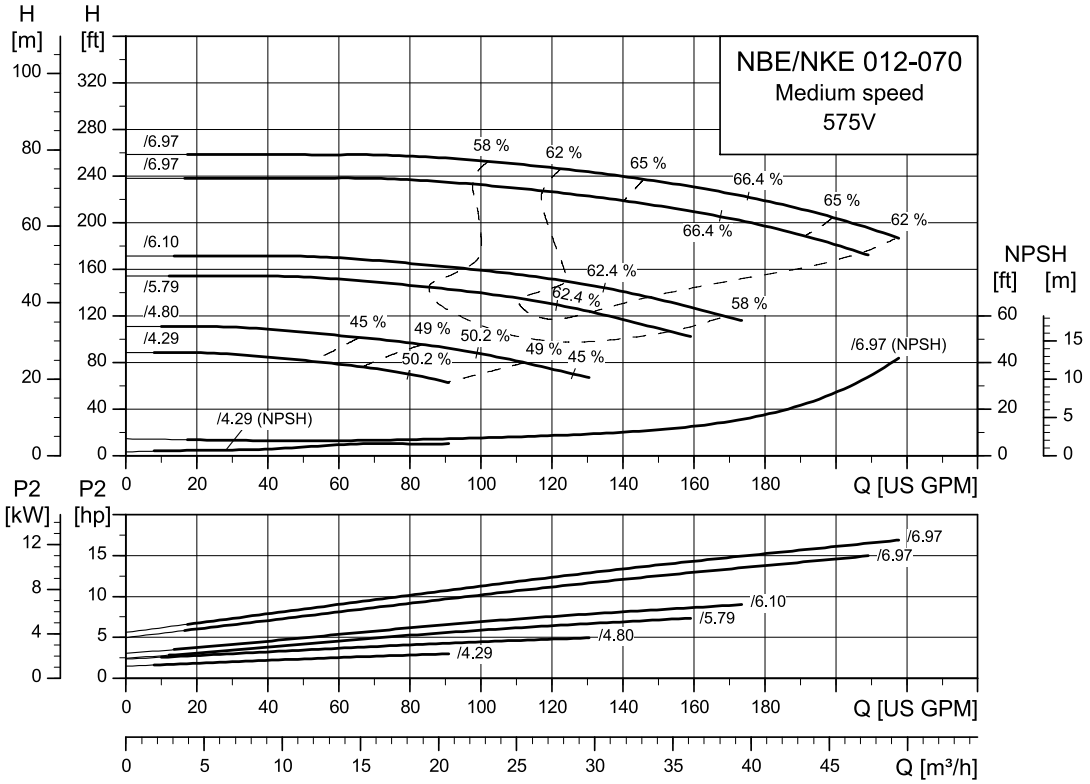
NKE 080-135



TM089514

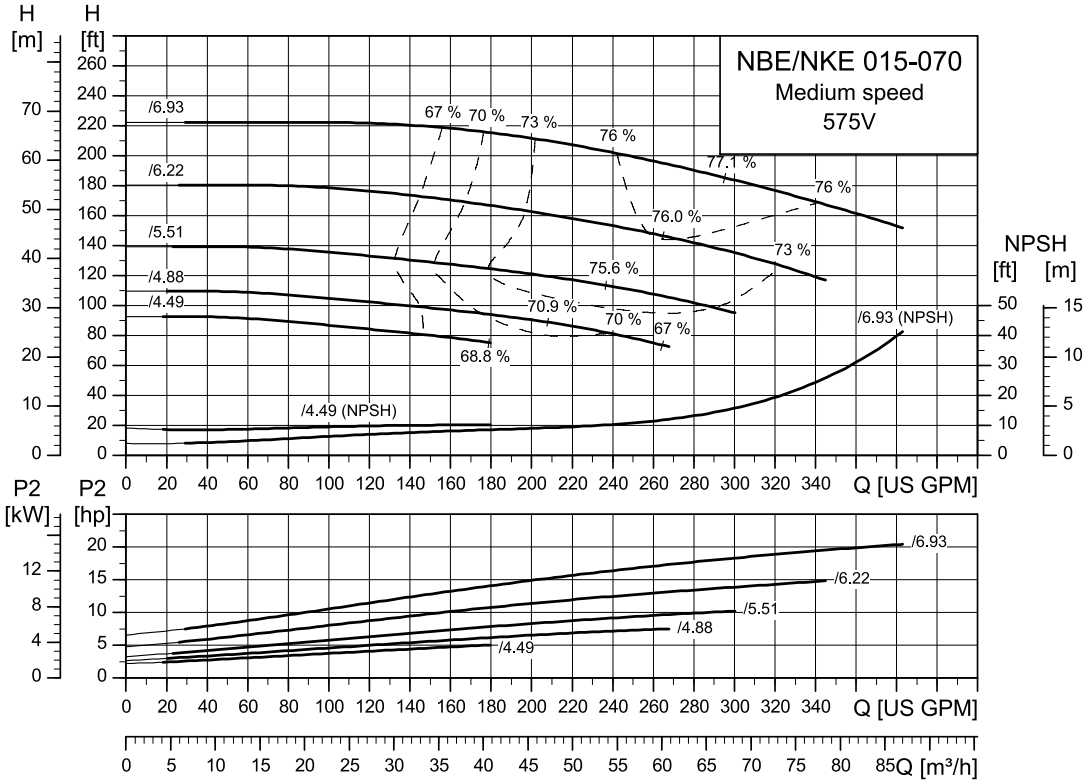
Medium speed, 4000 RPM, CUE 575V

NBE, NKE 012-070



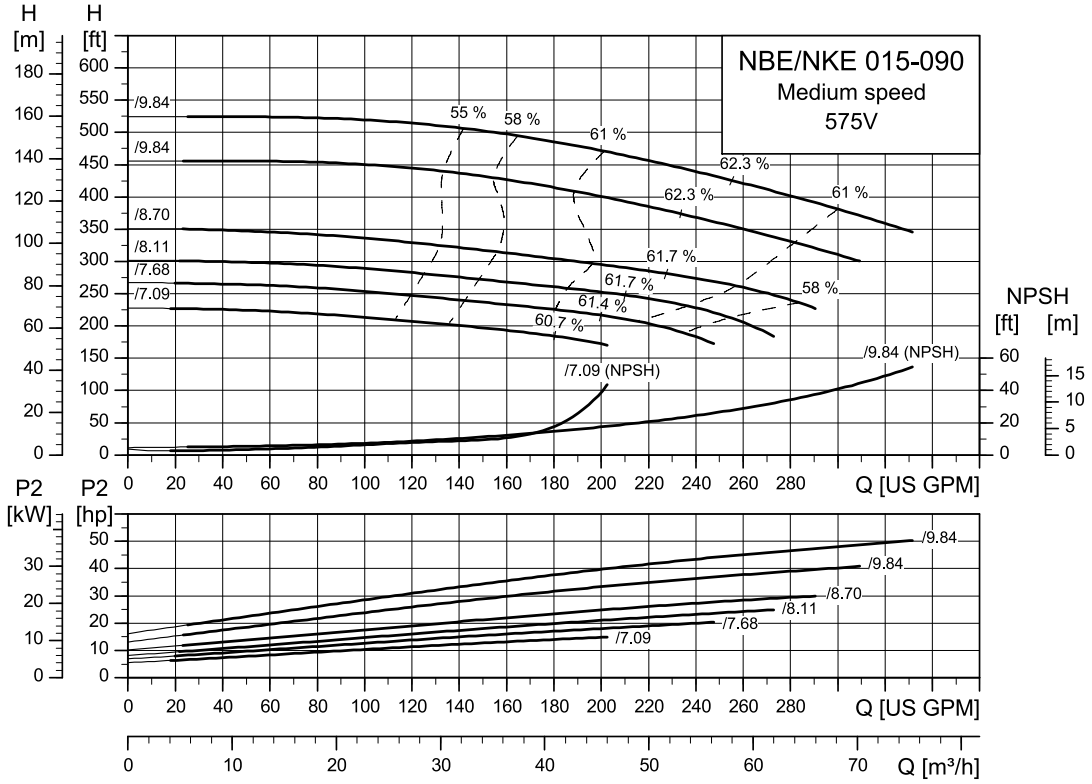
TM089473

NBE, NKE 015-070



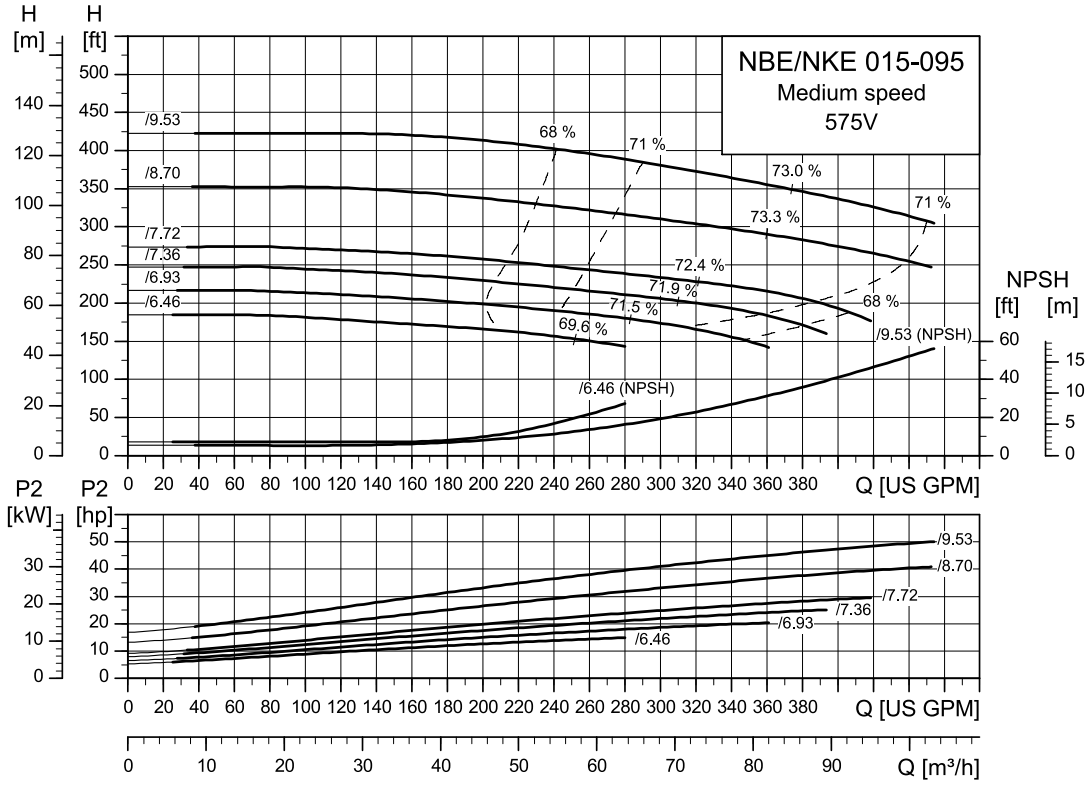
TM089474

NBE, NKE 015-090



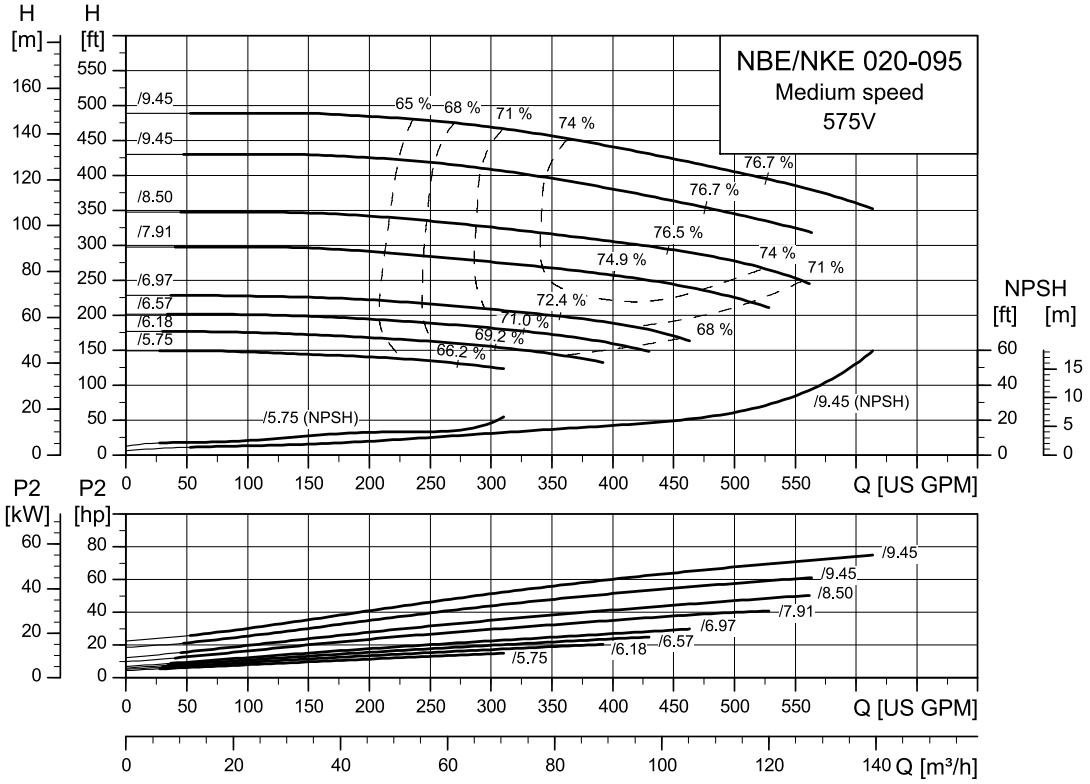
TM089475

NBE, NKE 015-095



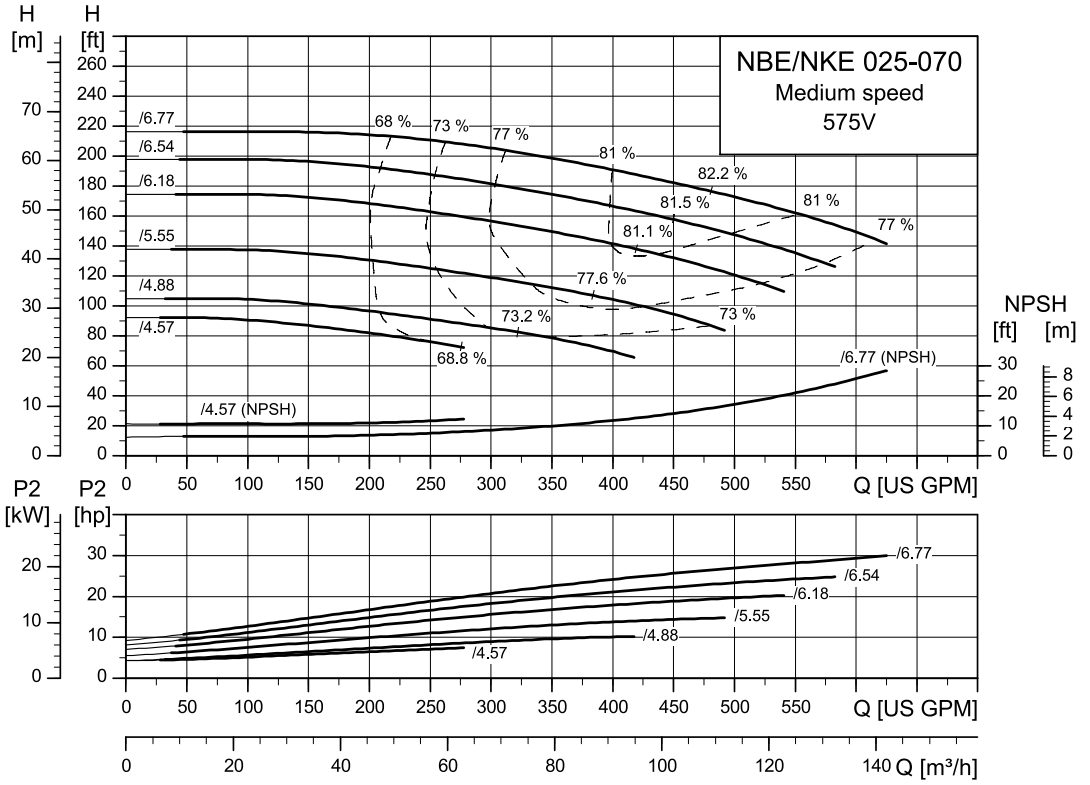
TM089476

NBE, NKE 020-095



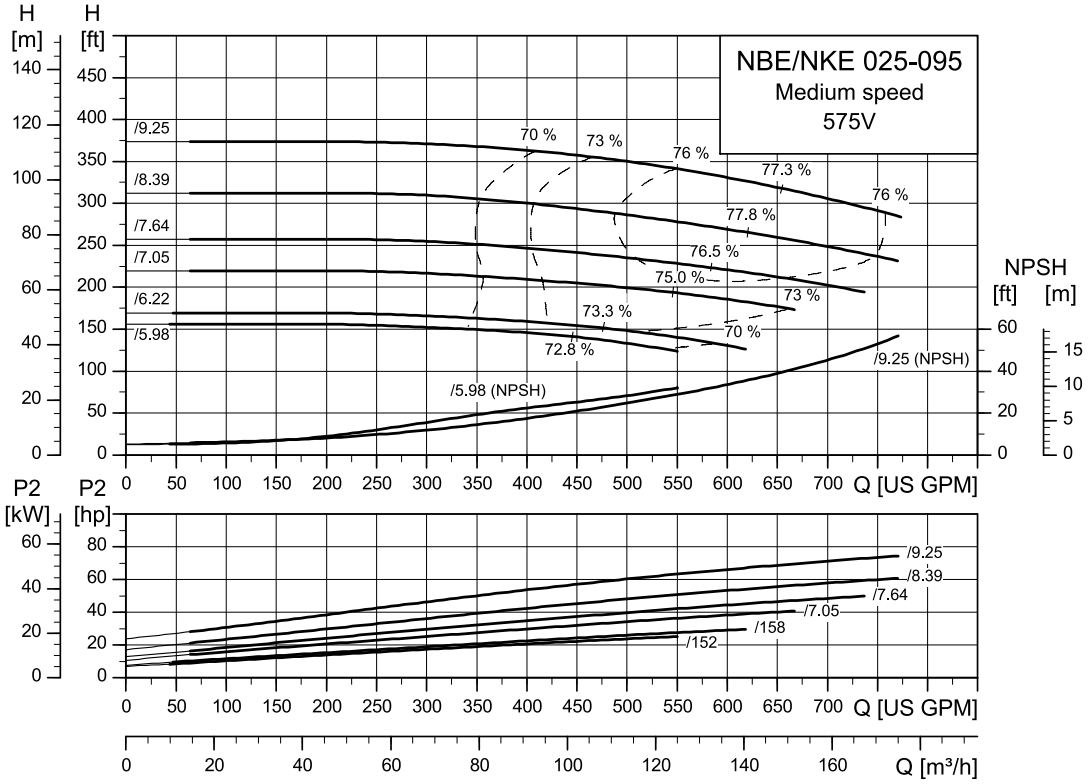
TM089477

NBE, NKE 025-070



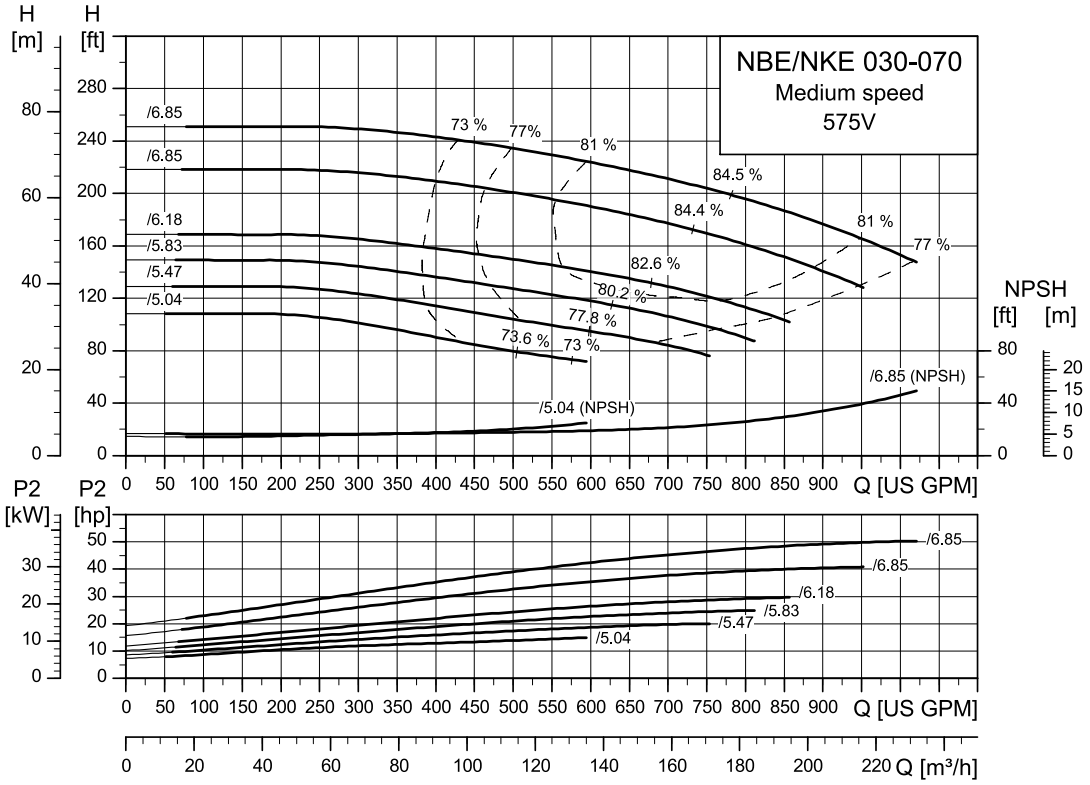
TM089478

NBE, NKE 025-095



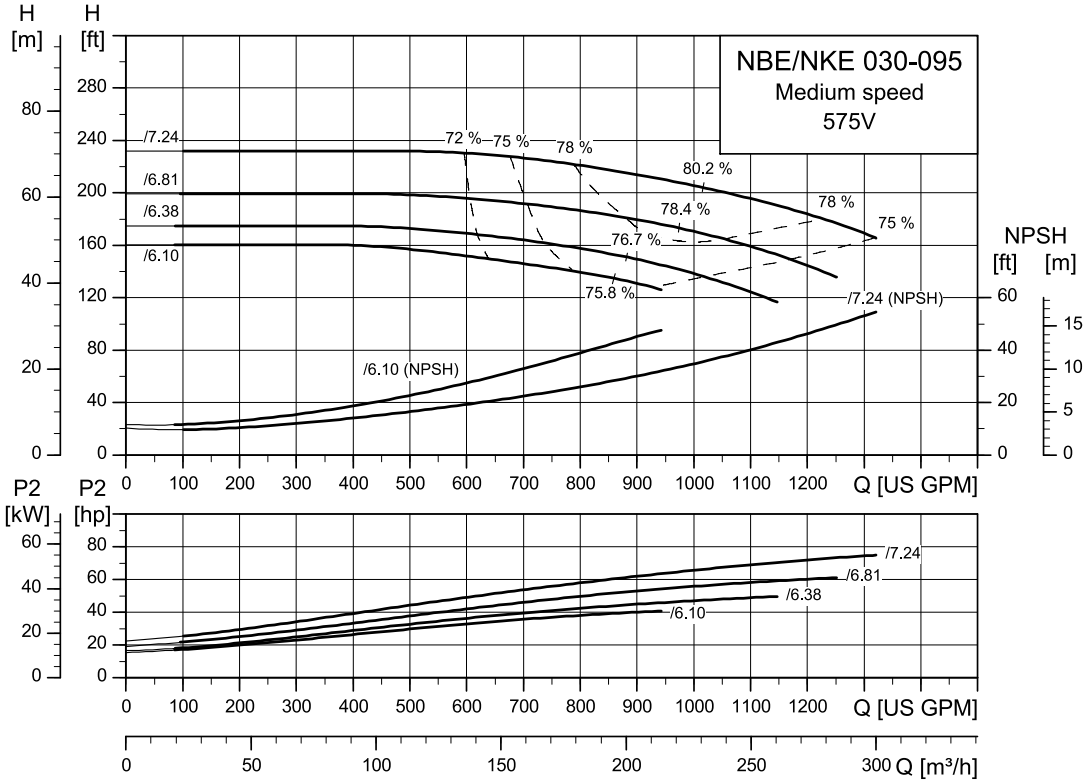
TM089472

NBE, NKE 030-070



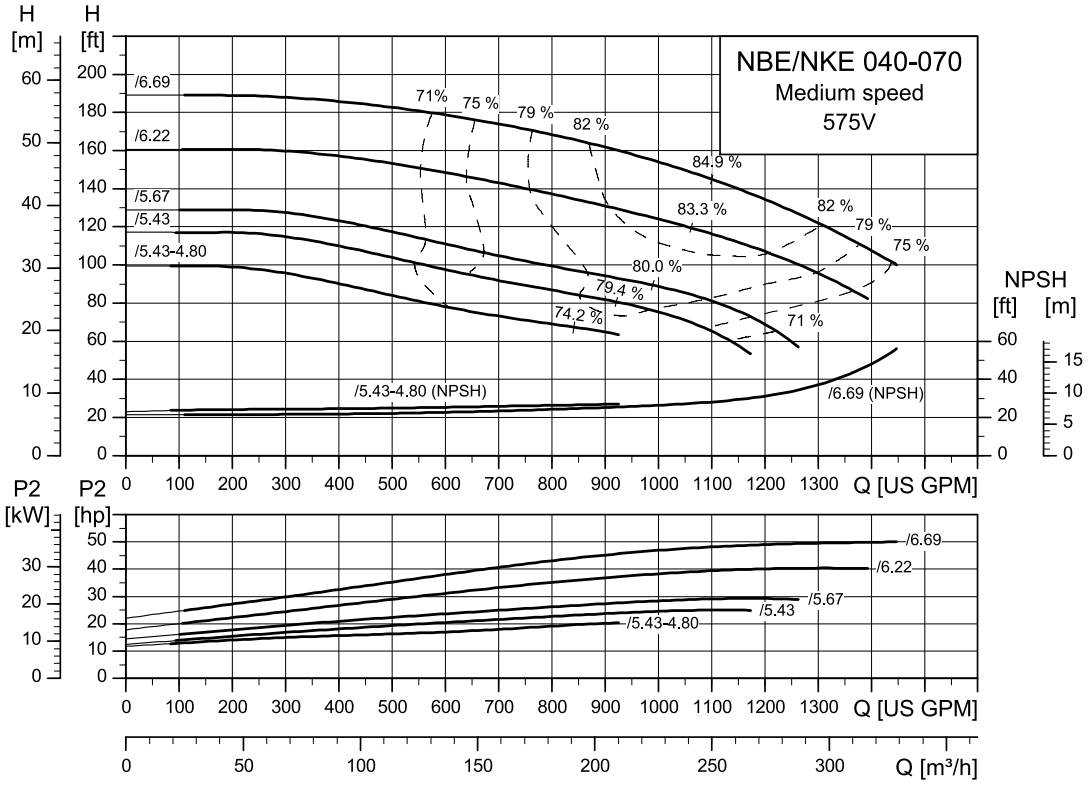
TM089479

NBE, NKE 030-095



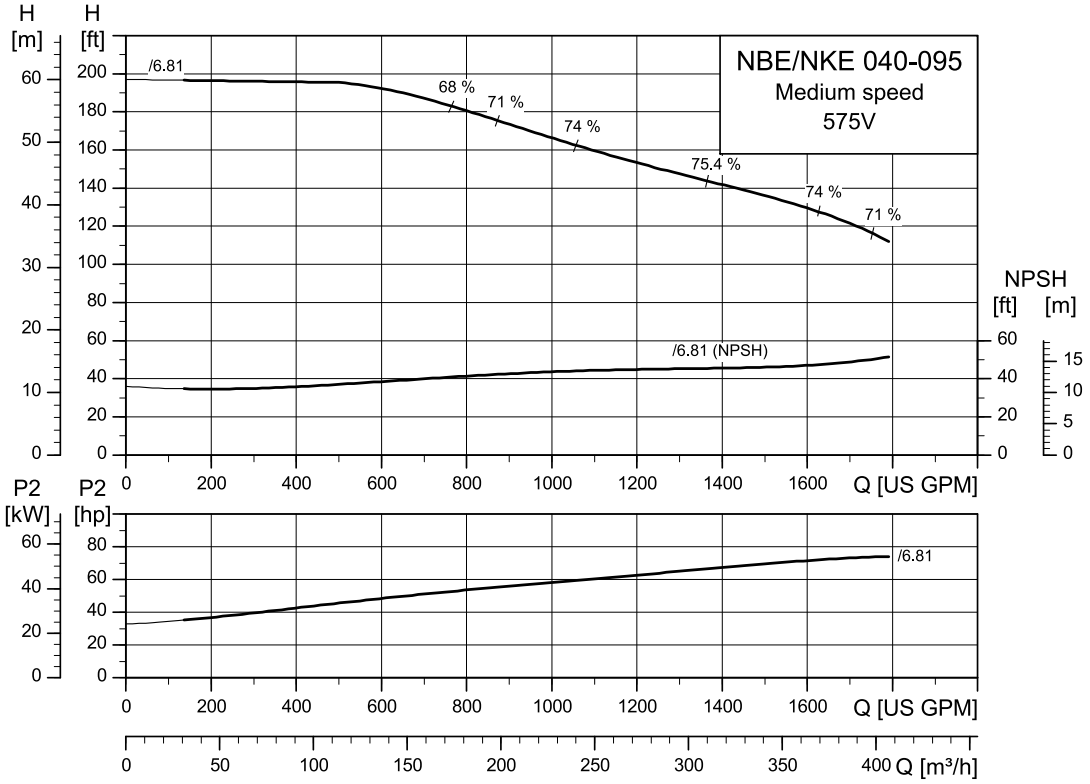
TM089508

NBE, NKE 040-070



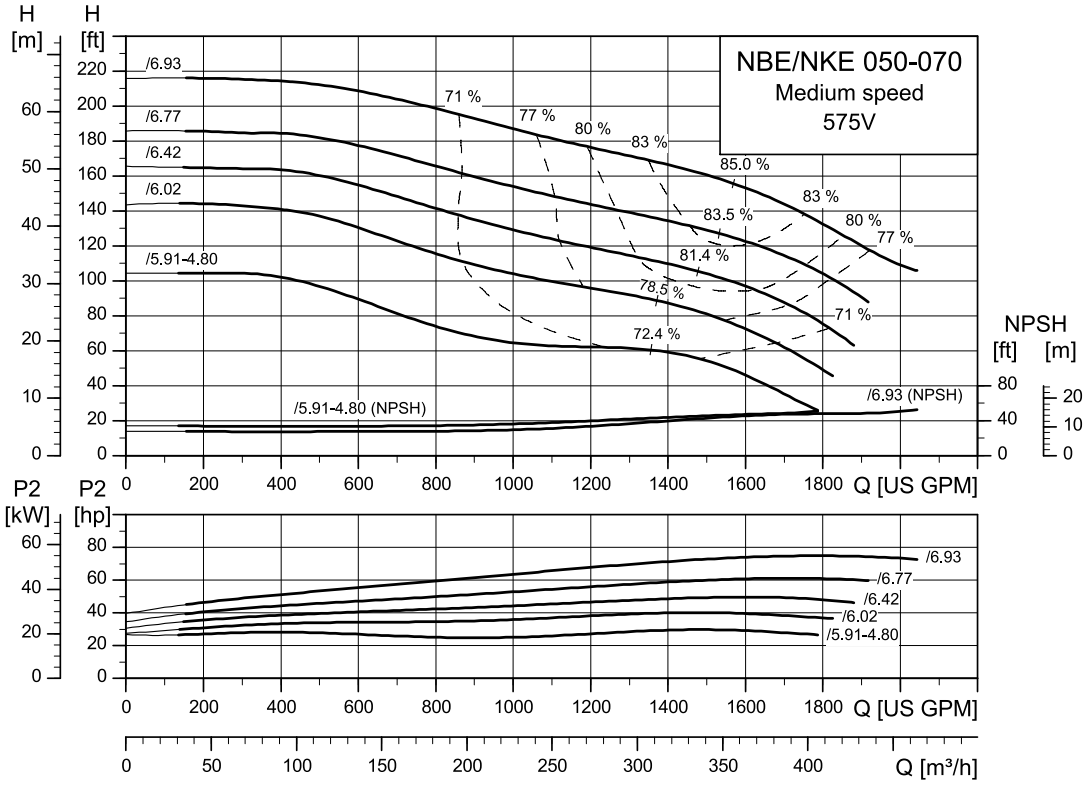
TM089480

NBE, NKE 040-095



TM089509

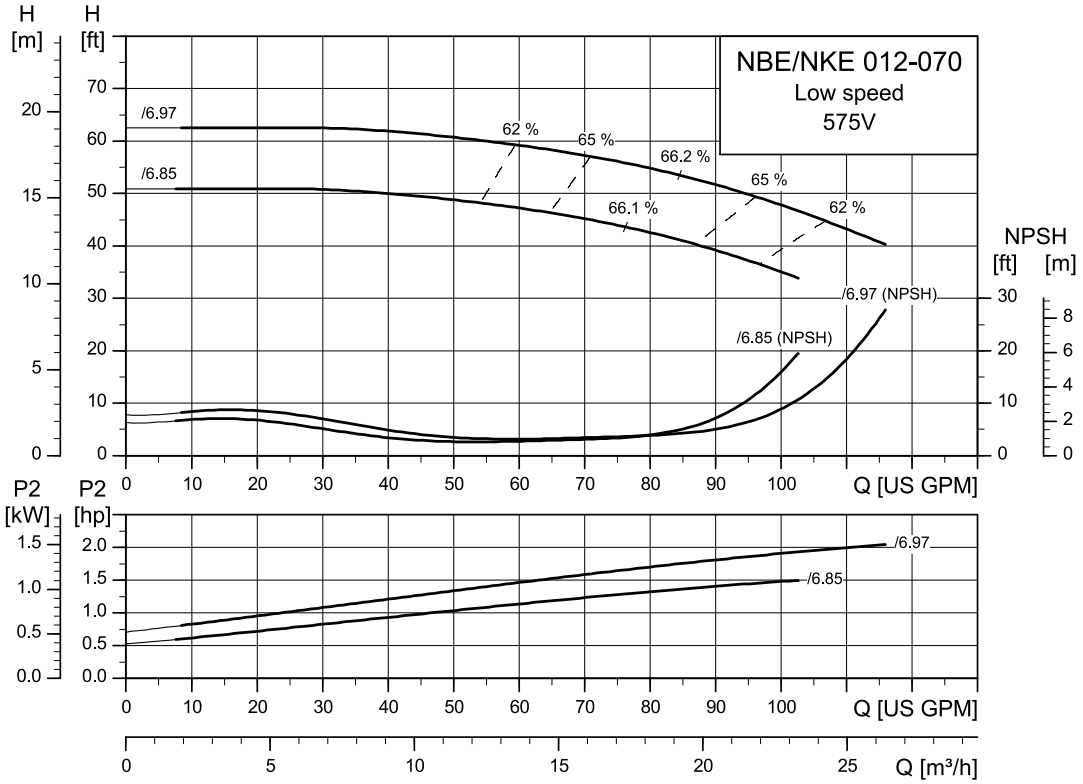
NBE, NKE 050-070



TM089481

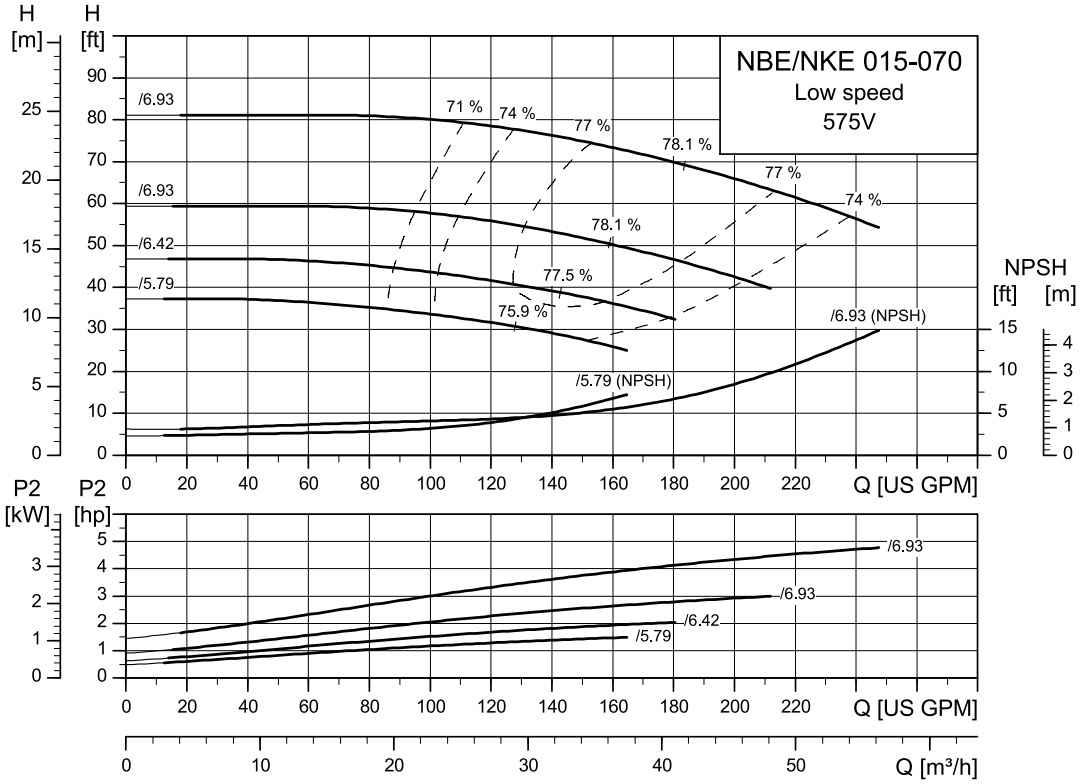
Low speed, 2000/2200 RPM, CUE 575V

NBE, NKE 012-070



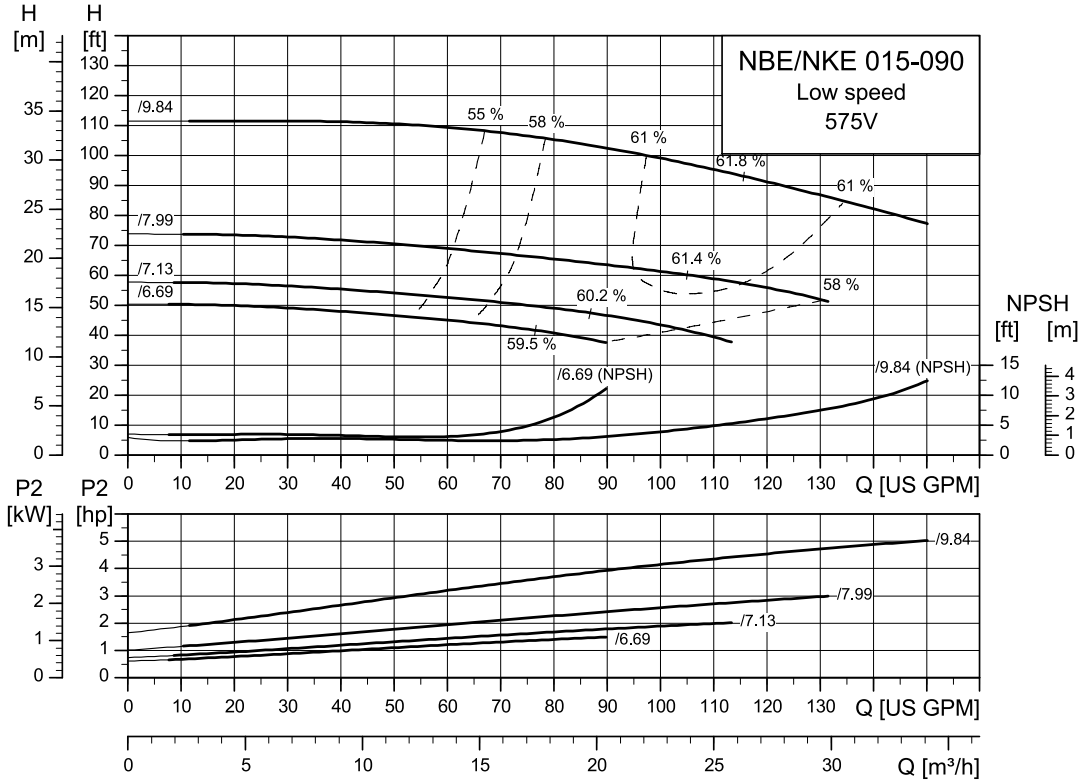
TM089482

NBE, NKE 015-070



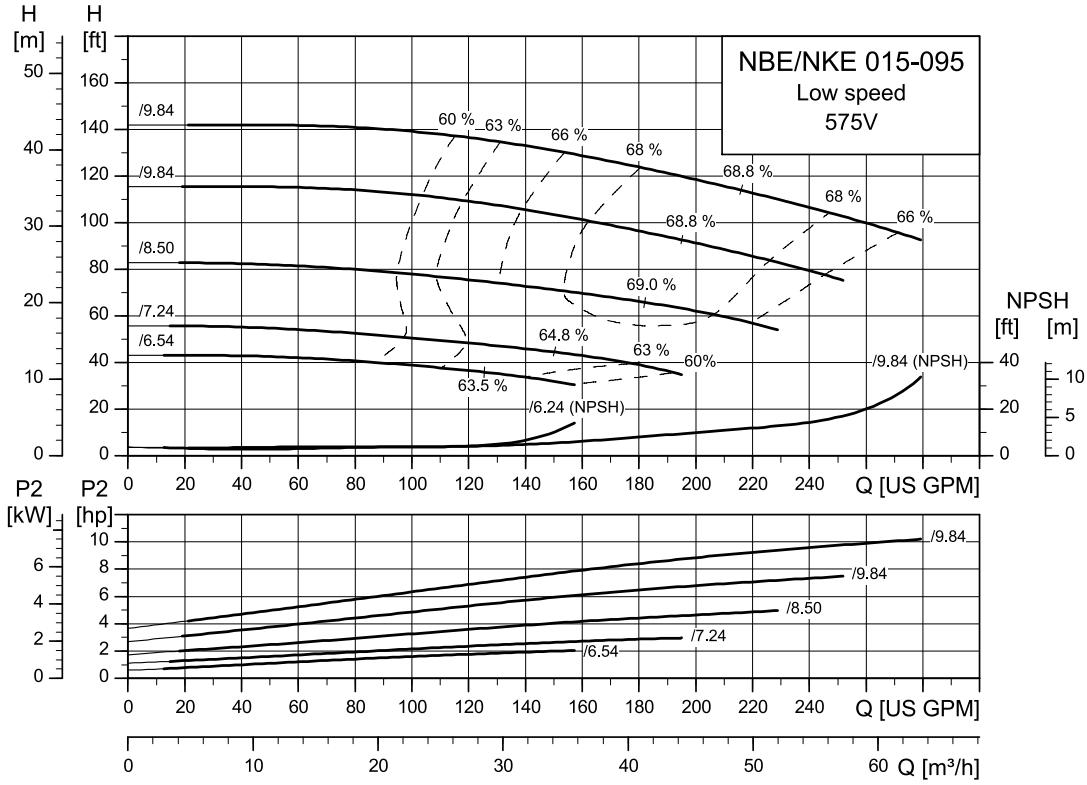
TM089483

NBE, NKE 015-090



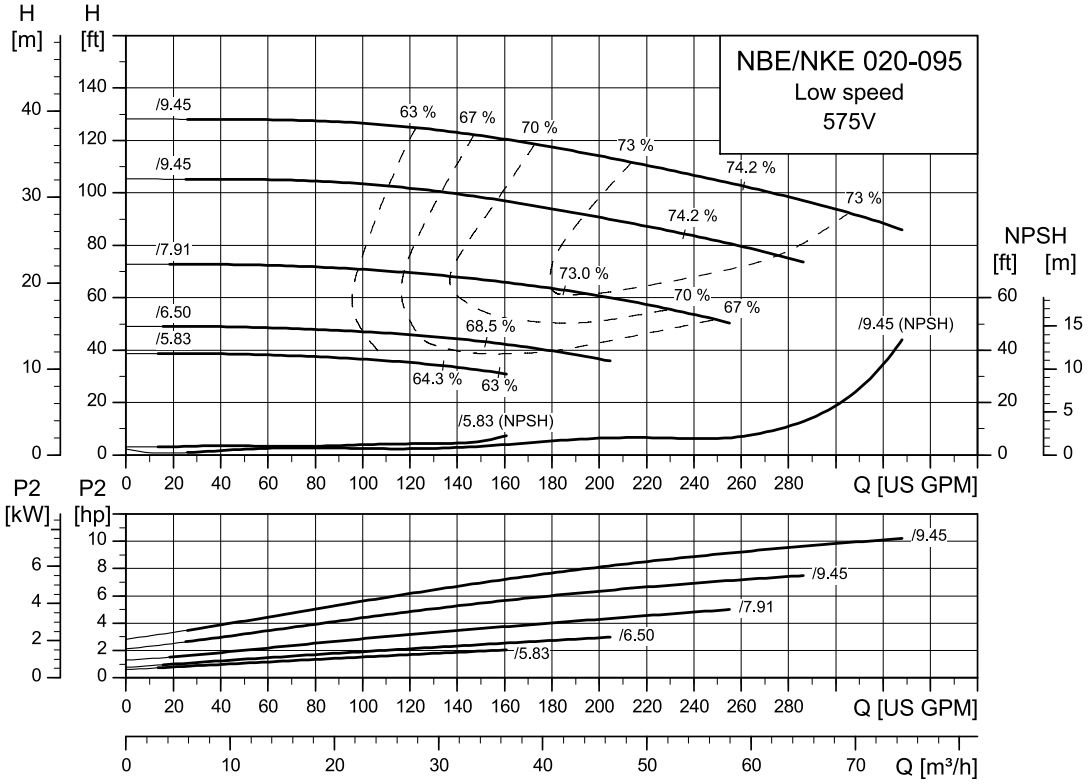
TM089484

NBE, NKE 015-095



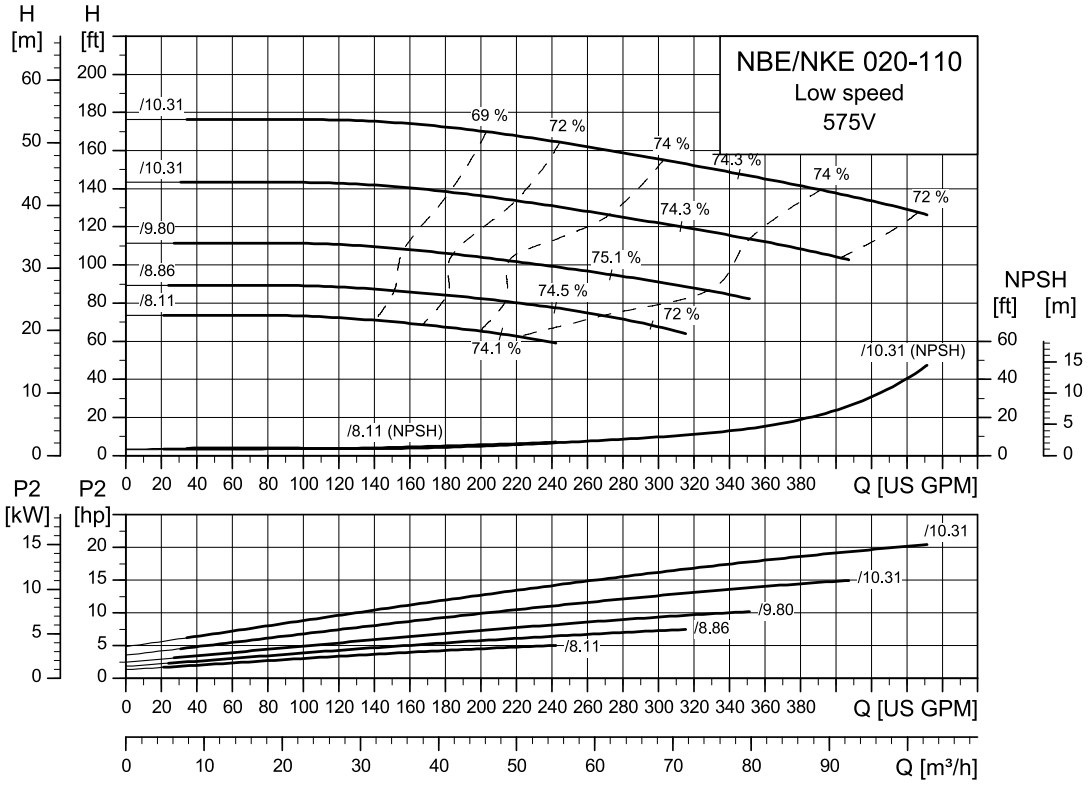
TM089485

NBE, NKE 020-095



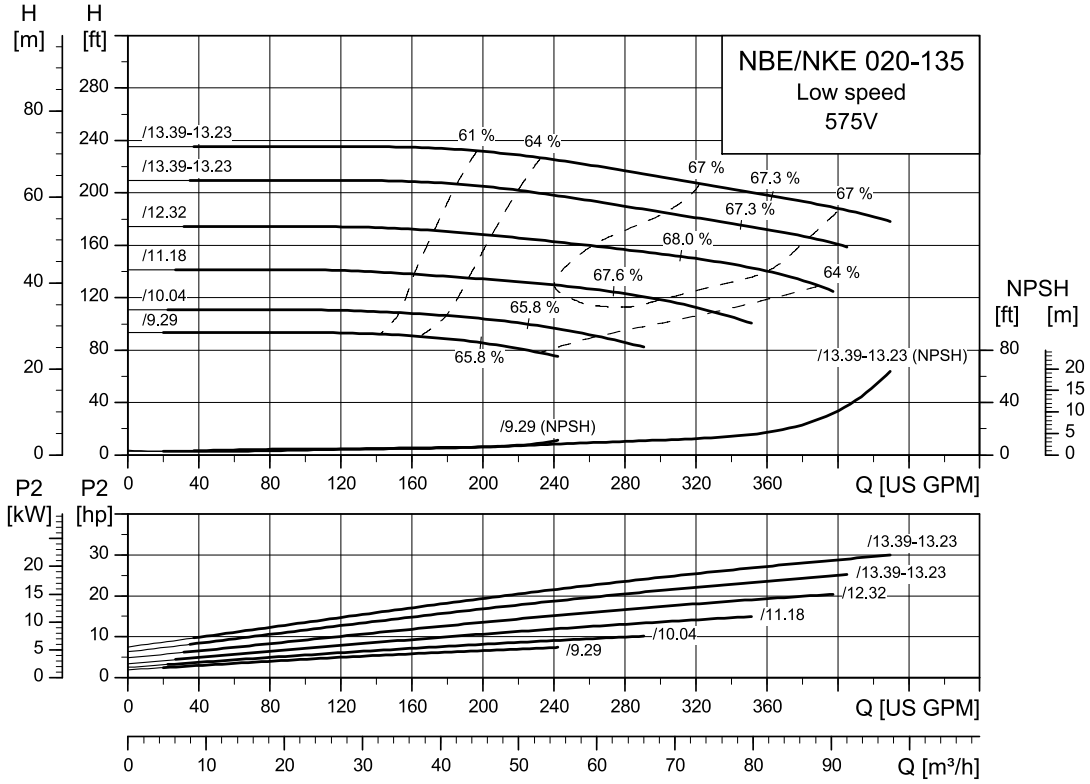
TM089486

NBE, NKE 020-110



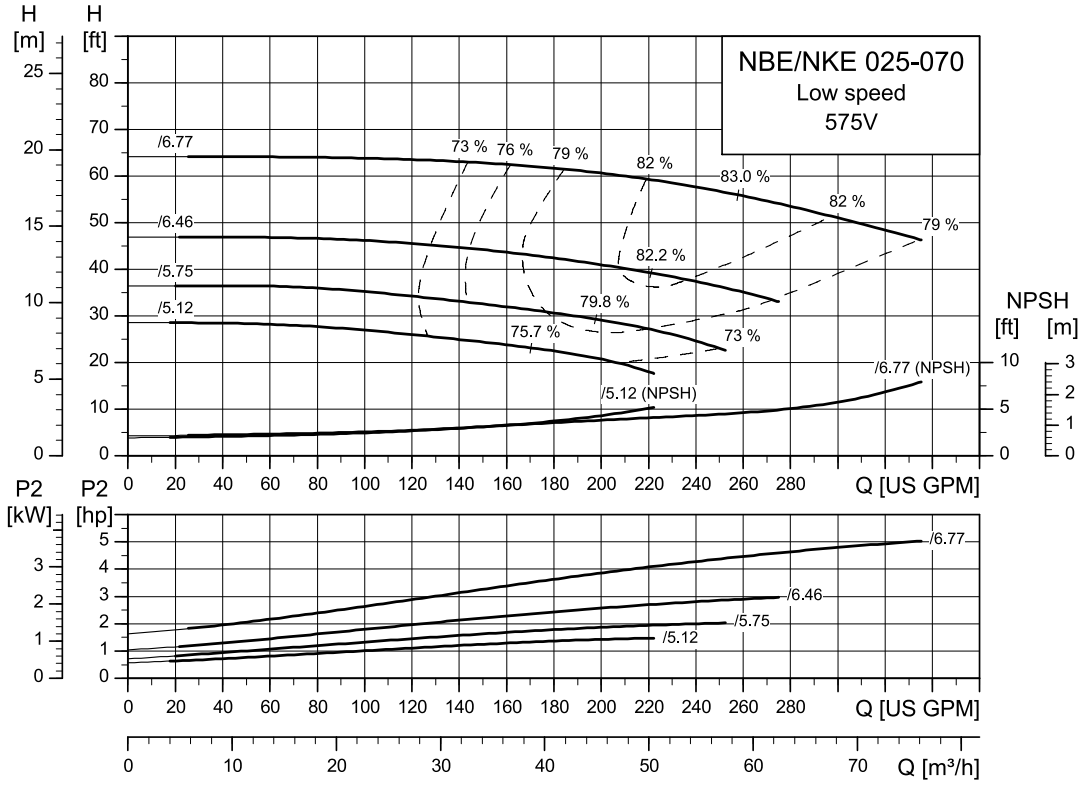
TM089487

NBE, NKE 020-135



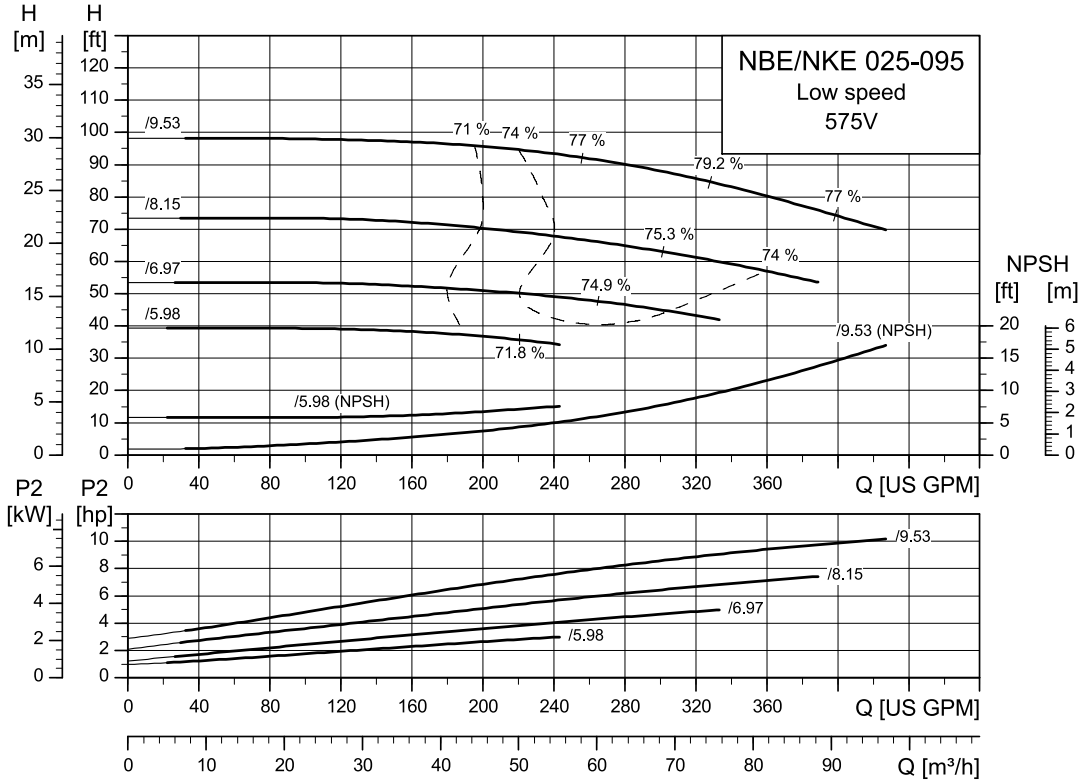
TM089488

NBE, NKE 025-070



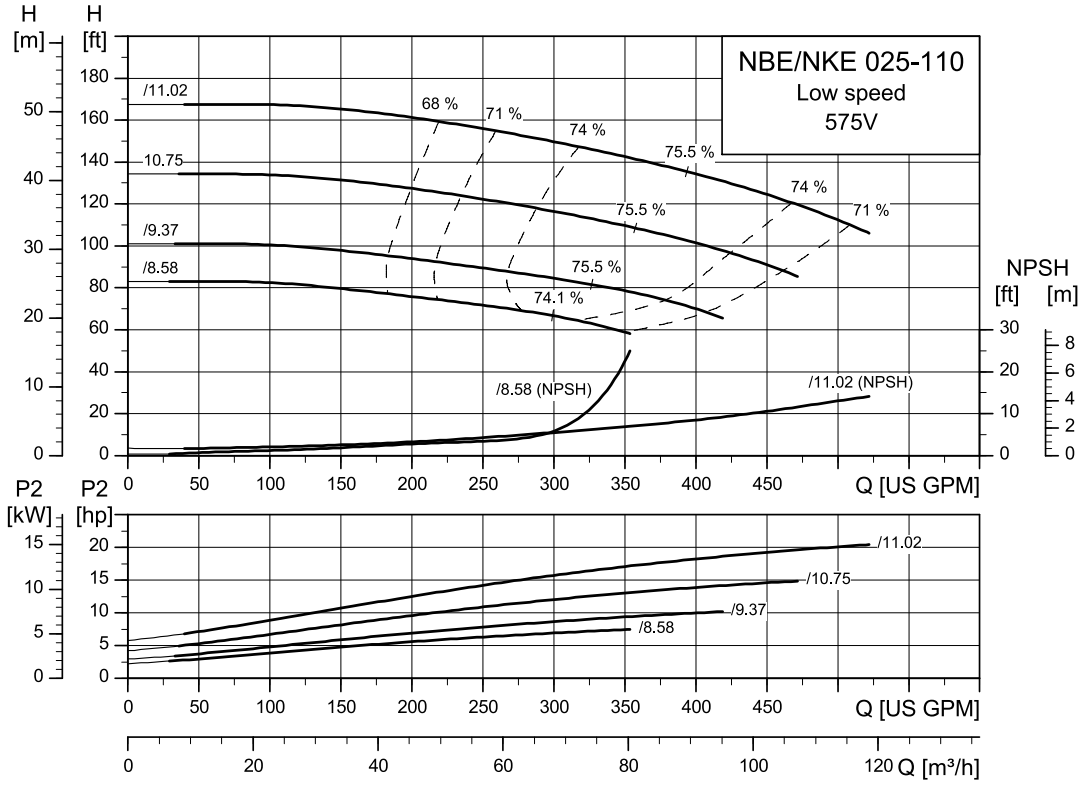
TM089489

NBE, NKE 025-095



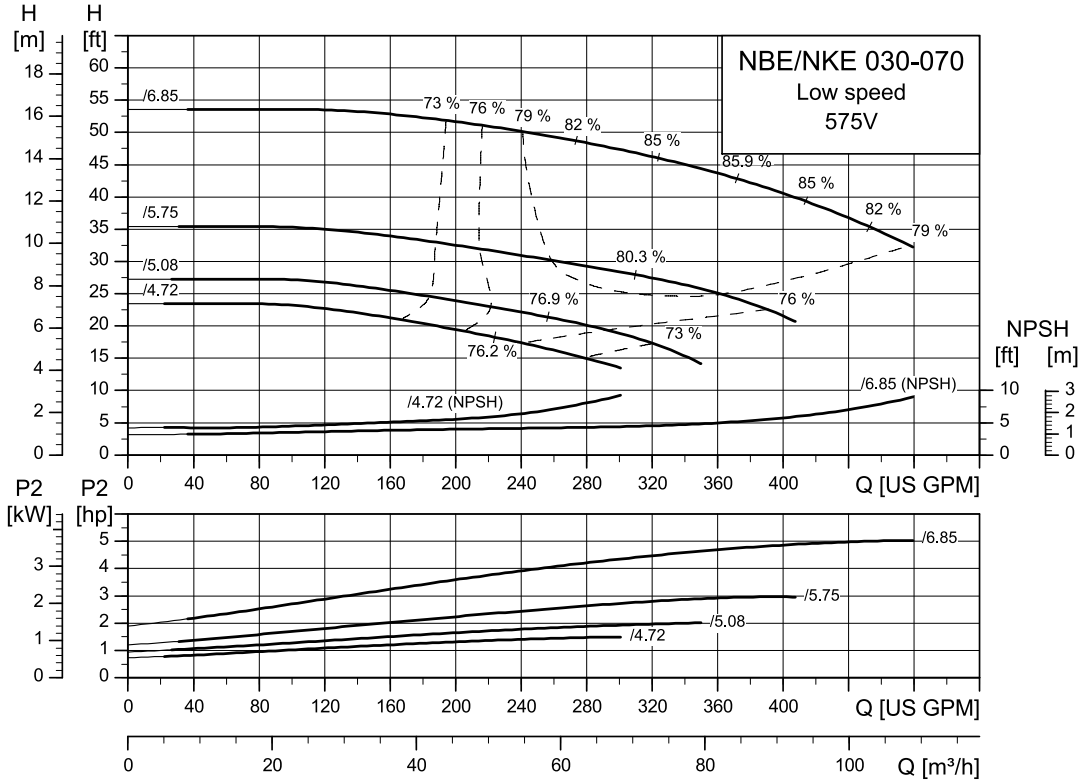
TM089490

NBE, NKE 025-110



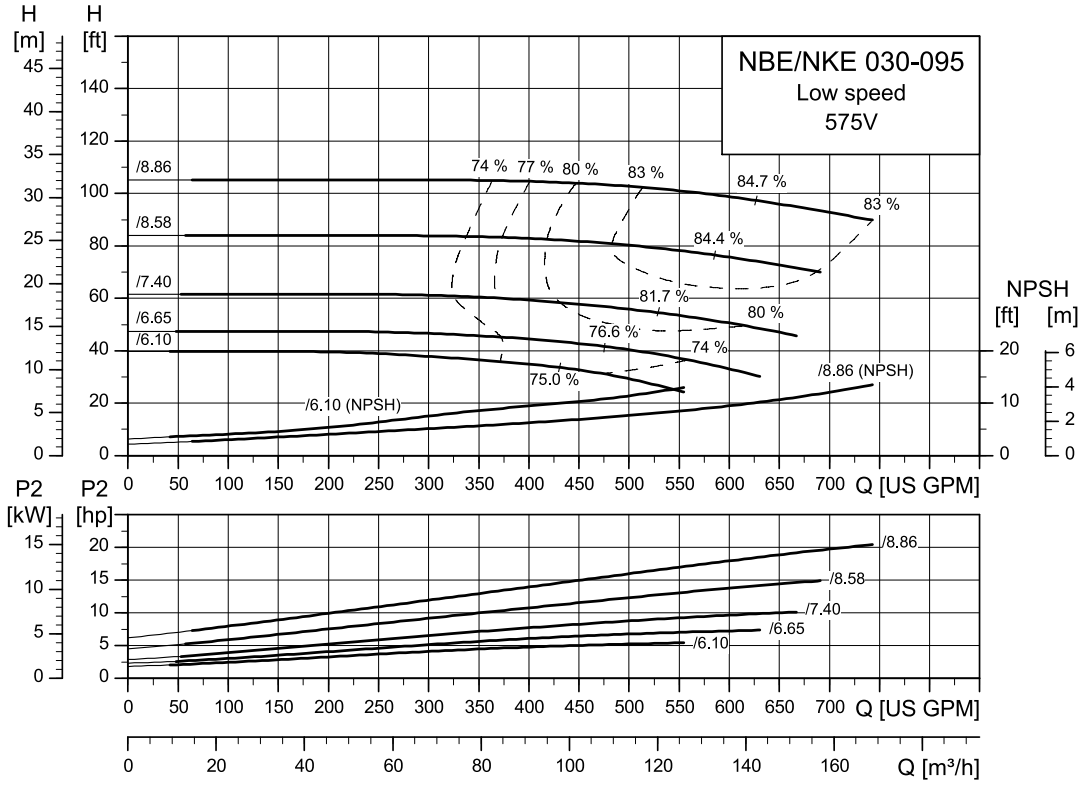
TM089491

NBE, NKE 030-070



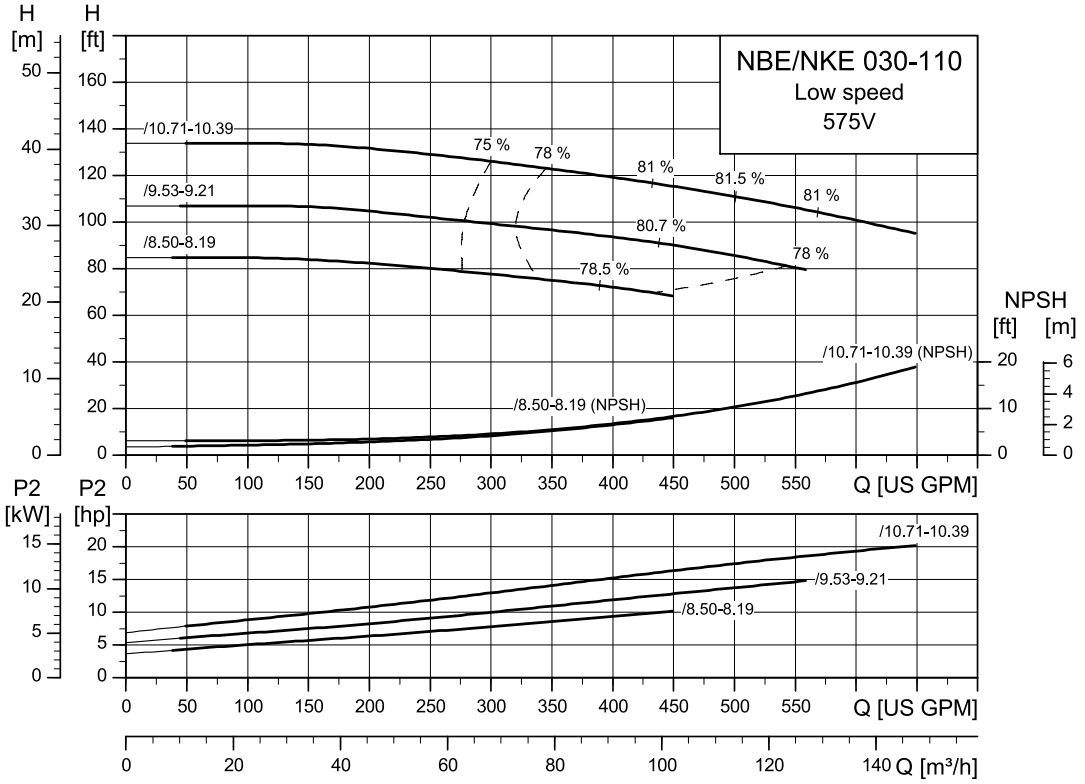
TM089492

NBE, NKE 030-095



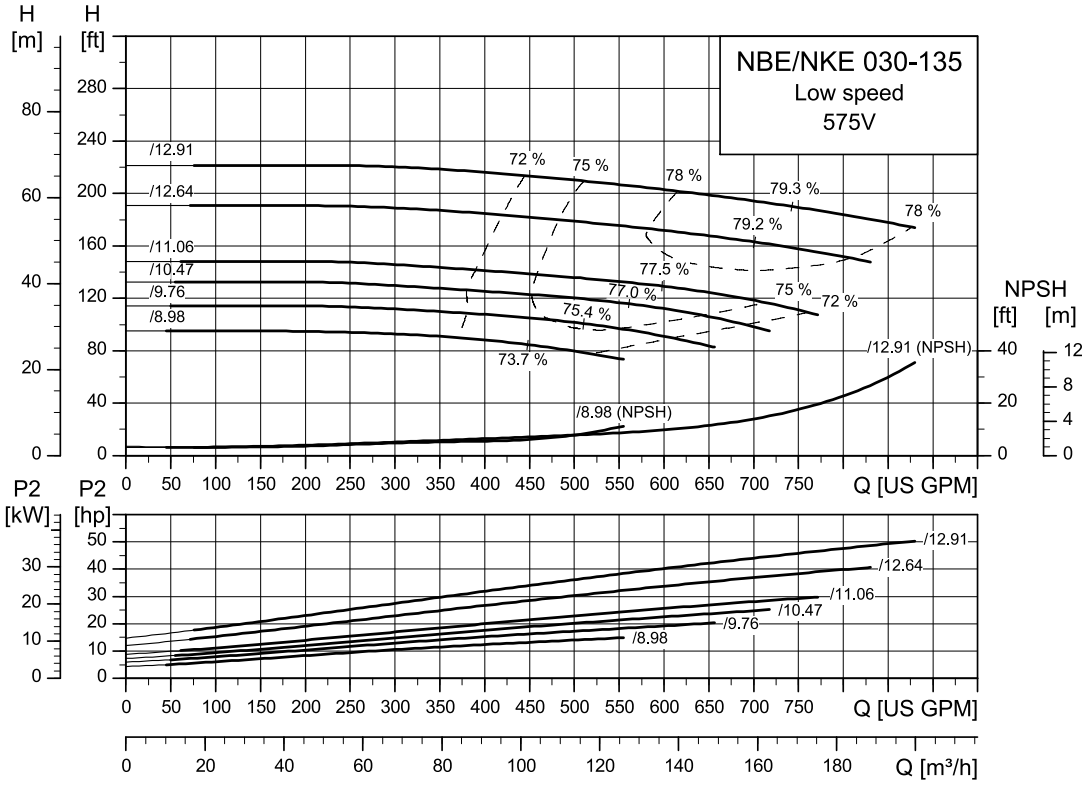
TM089493

NBE, NKE 030-110



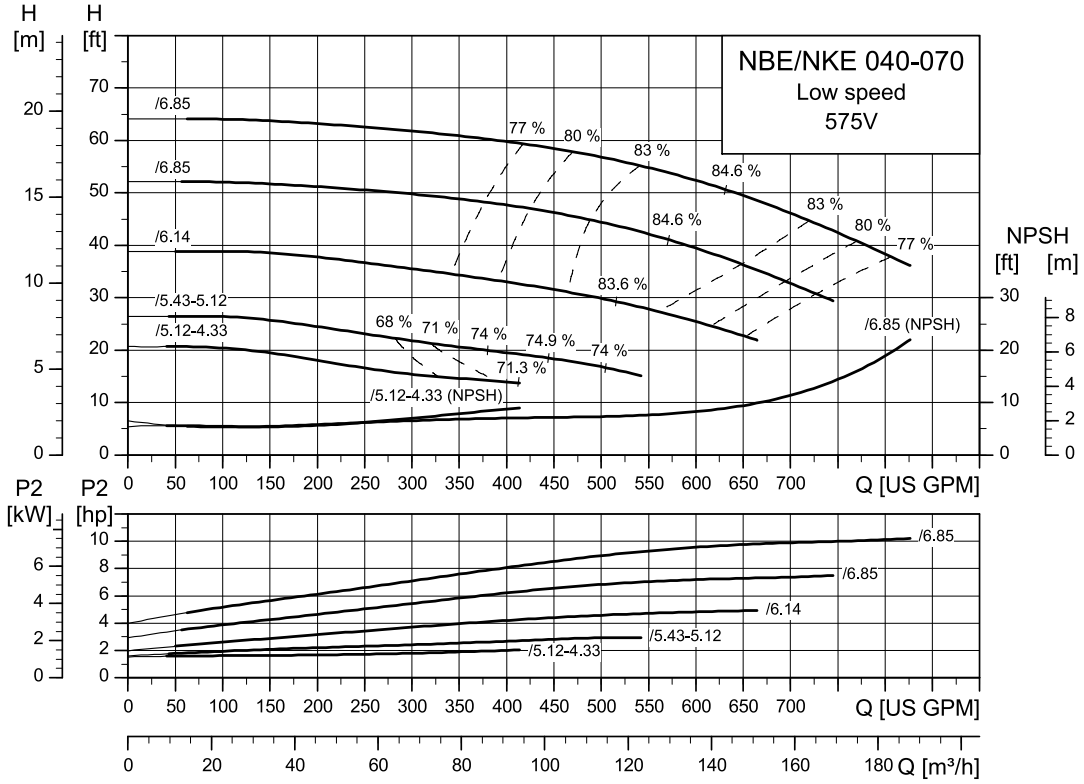
TM089494

NBE, NKE 030-135



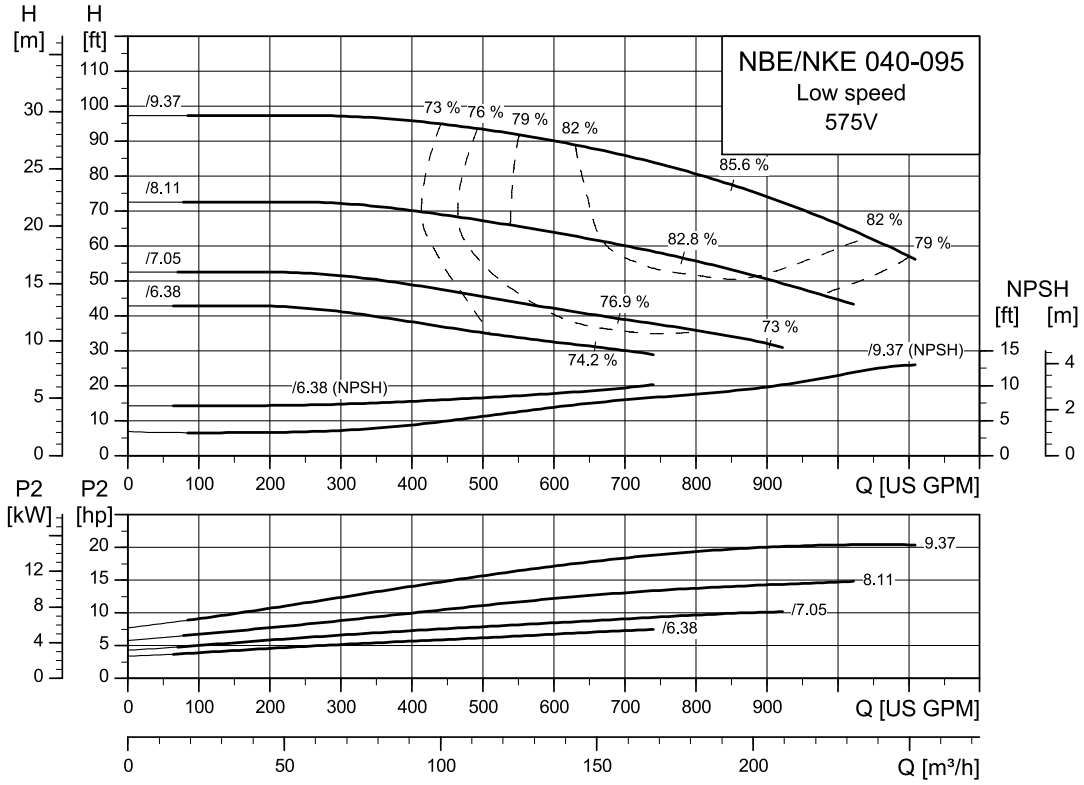
TM089495

NBE, NKE 040-070



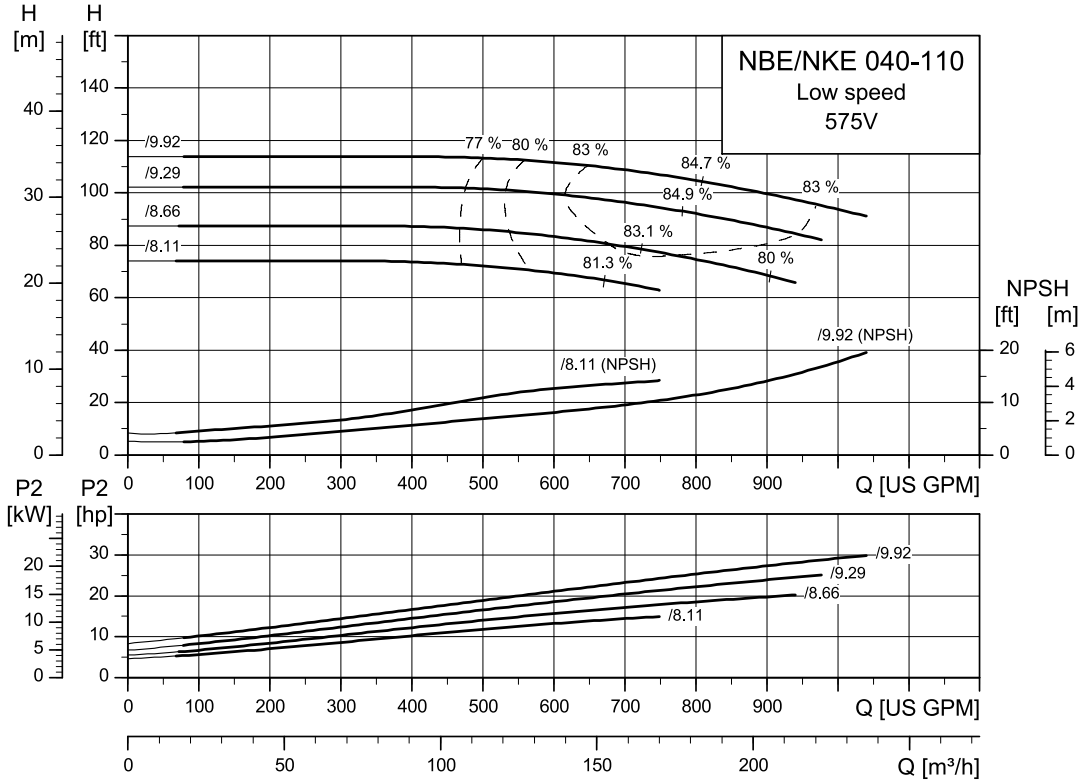
TM089496

NBE, NKE 040-095



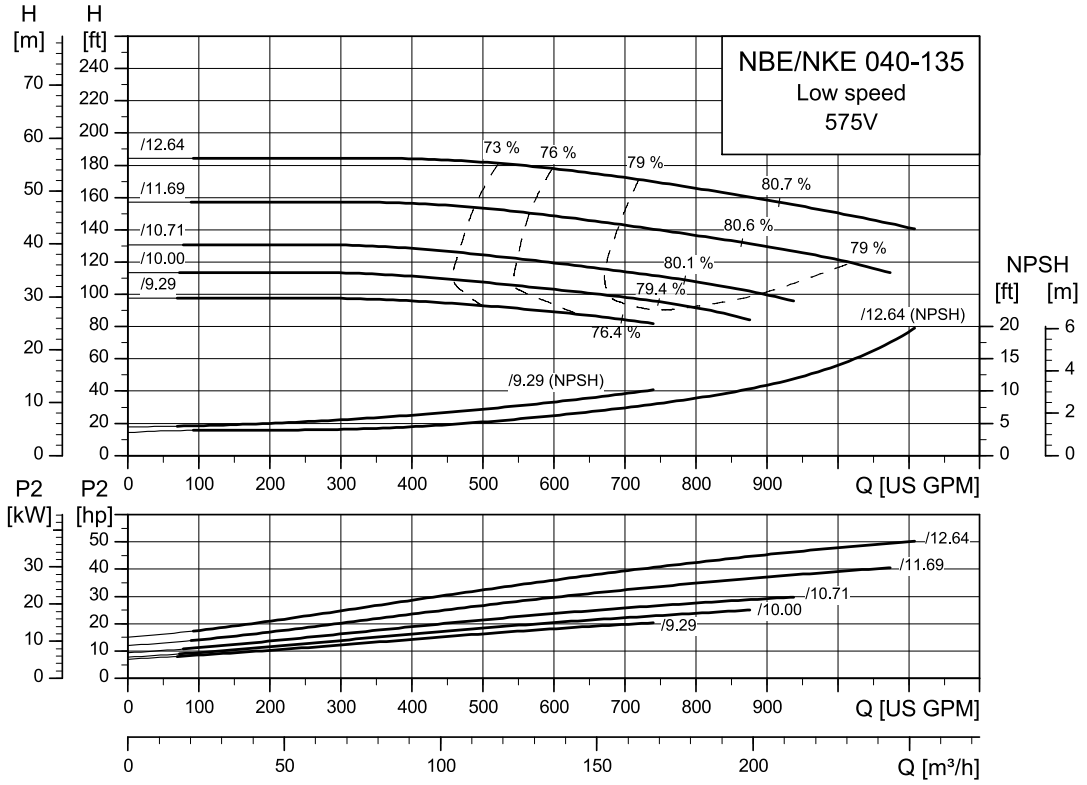
TM089497

NBE, NKE 040-110



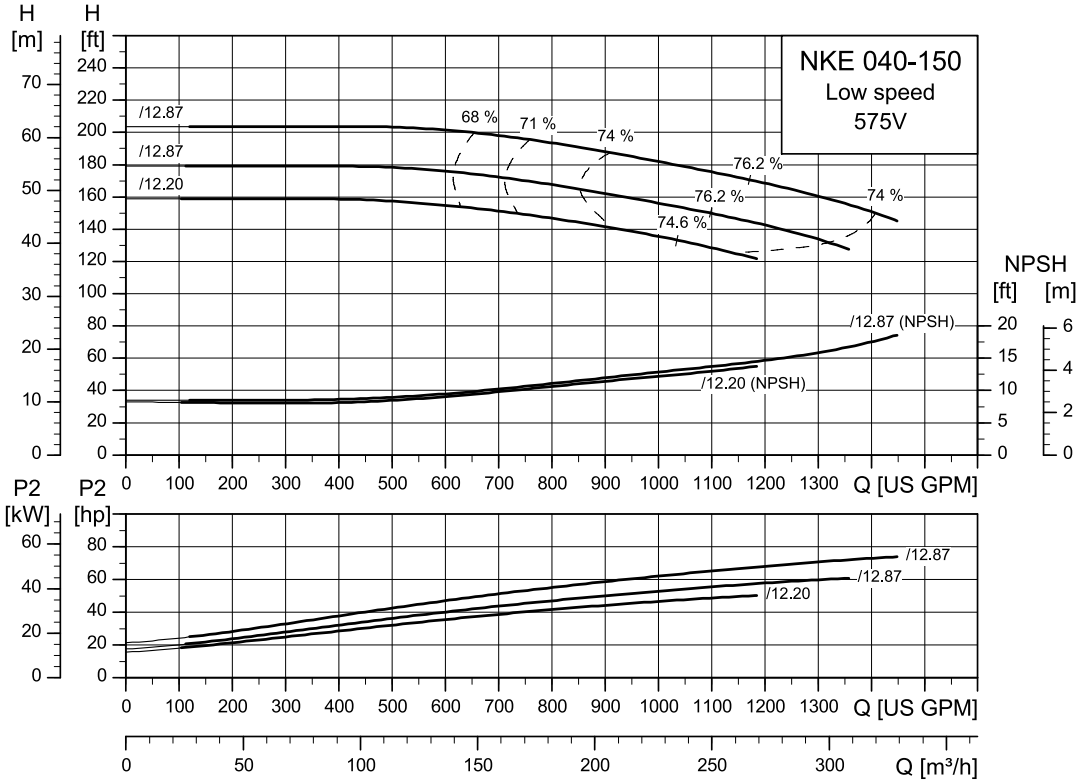
TM089498

NBE, NKE 040-135



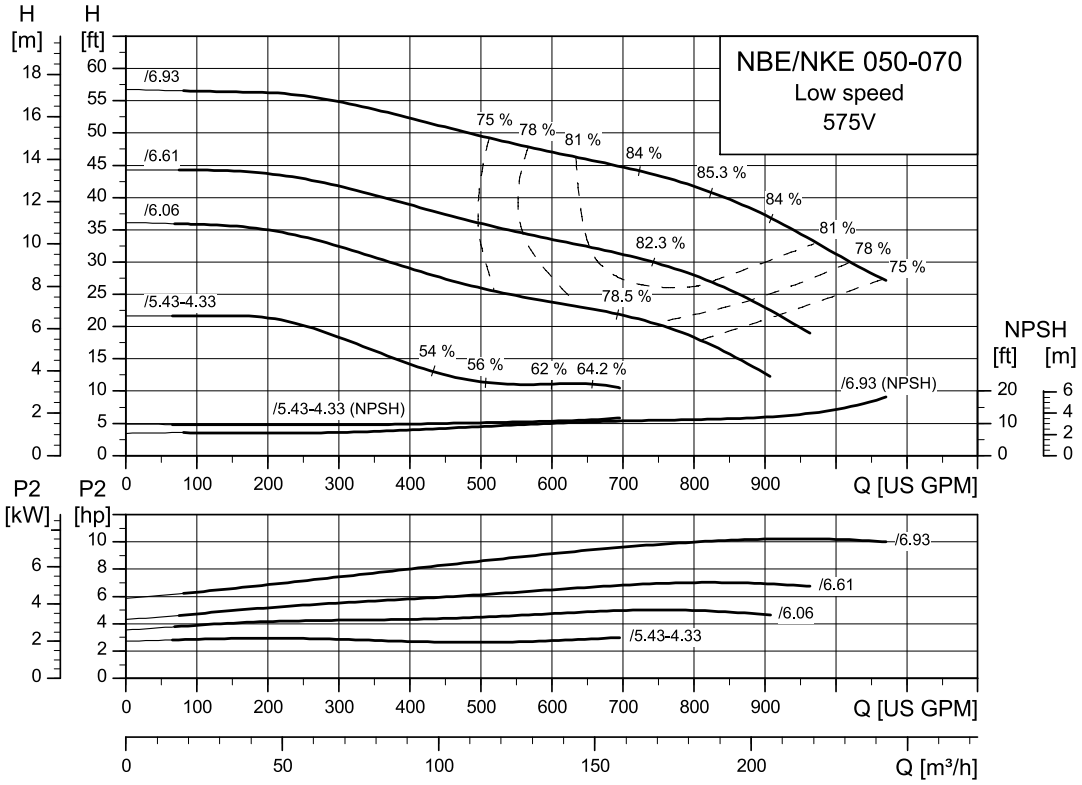
TM089499

NKE 040-150



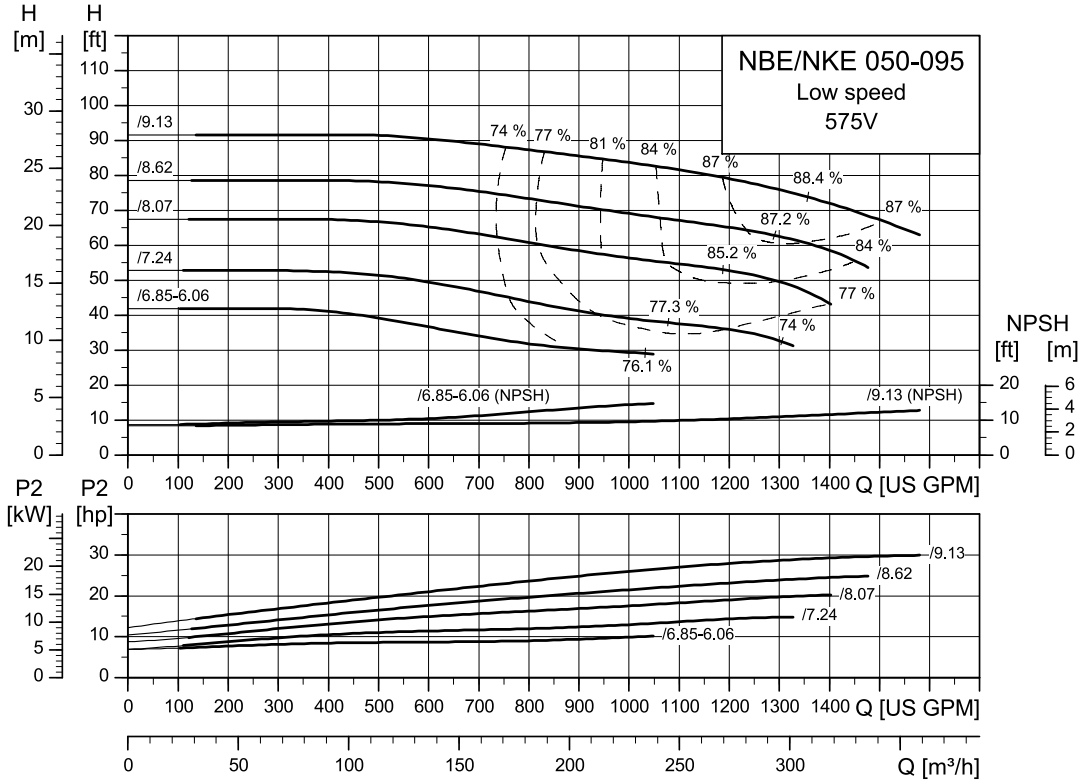
TM089500

NBE, NKE 050-070



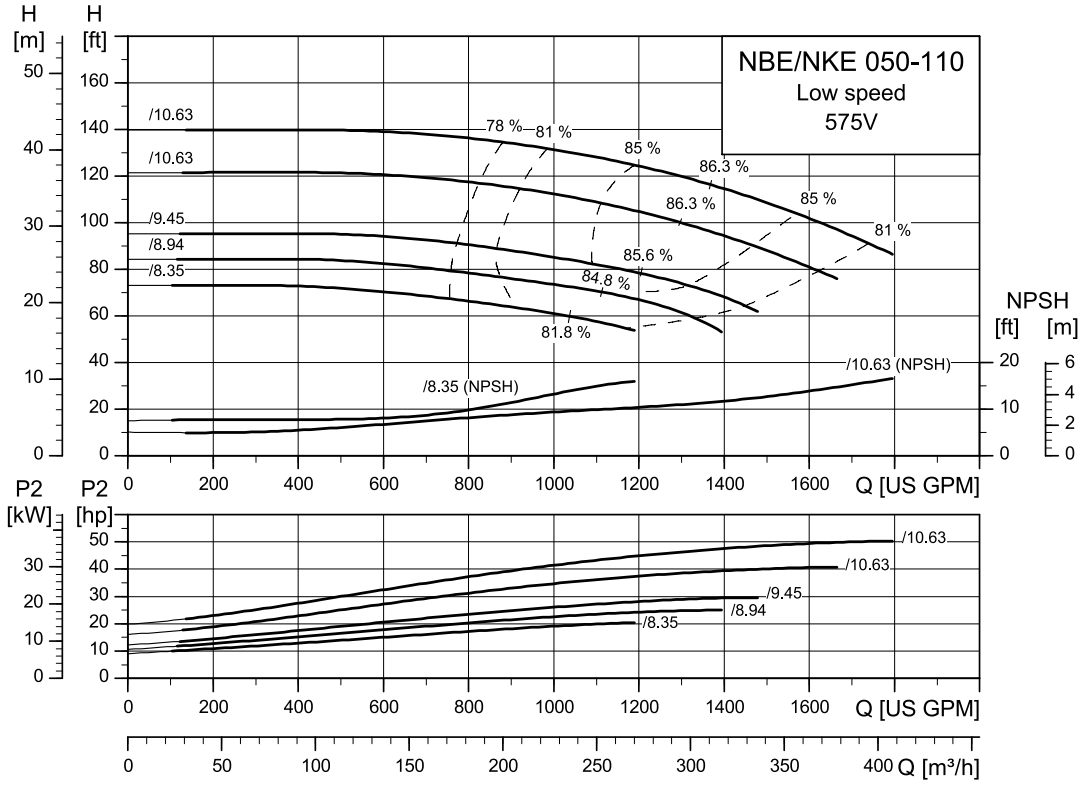
TM089501

NBE, NKE 050-095



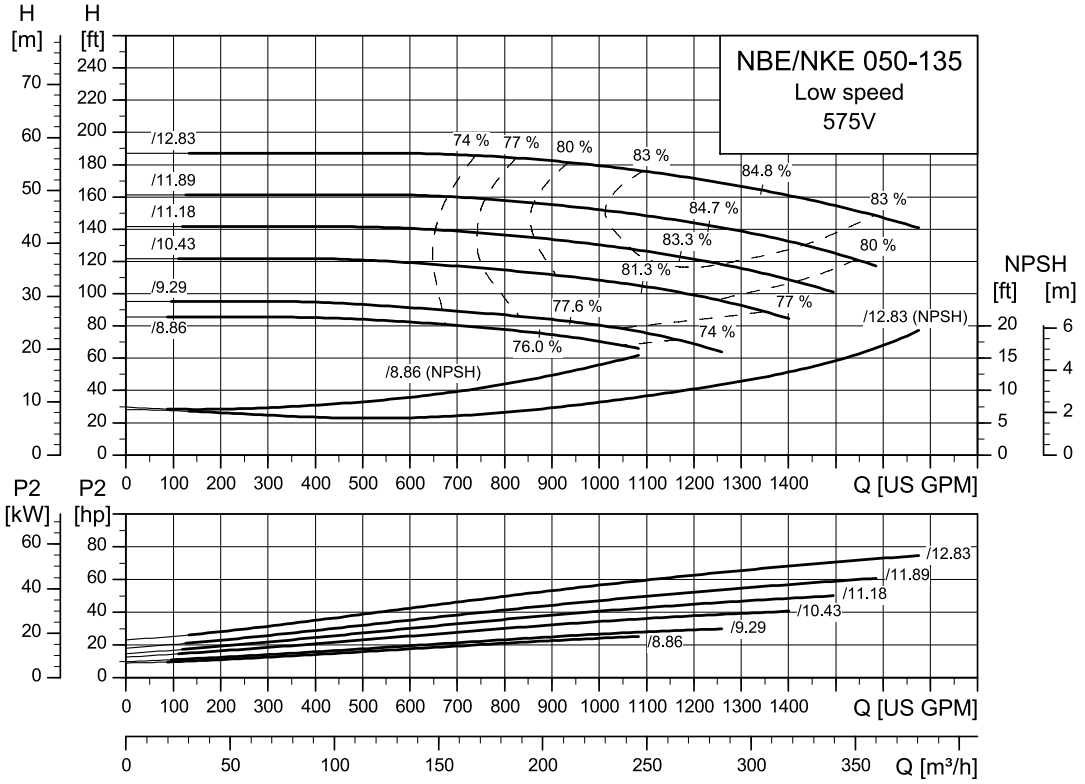
TM089502

NBE, NKE 050-110



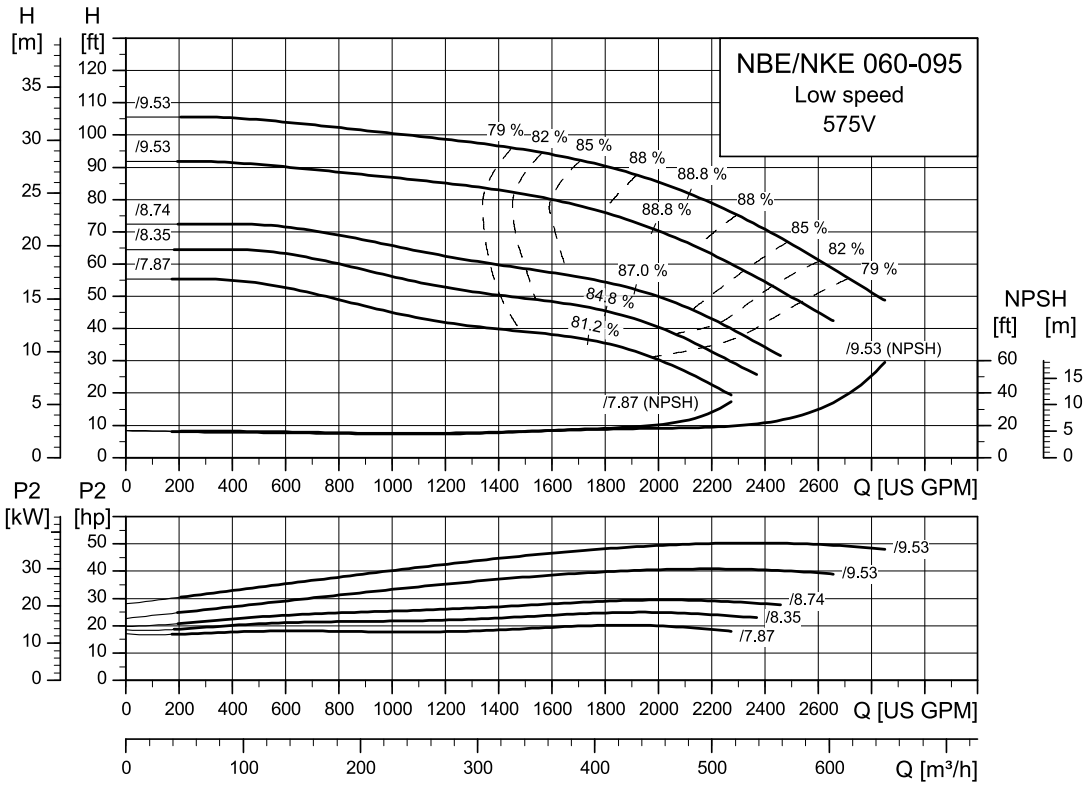
TM089503

NBE, NKE 050-135



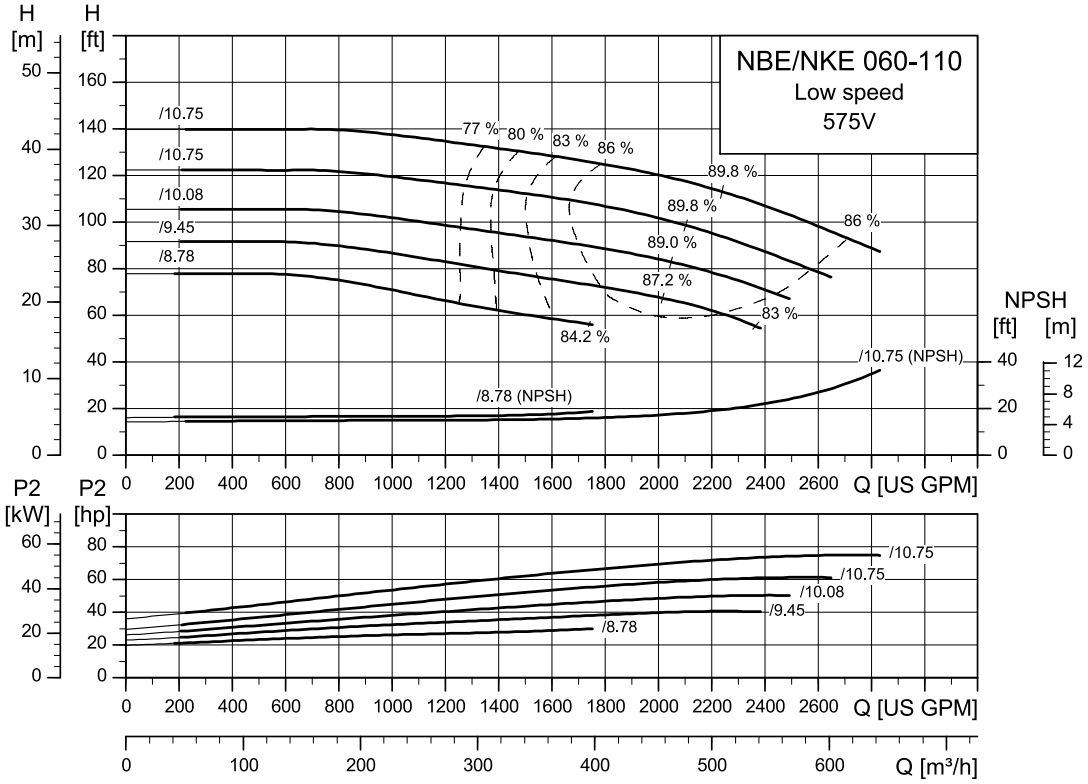
TM089504

NBE, NKE 060-095



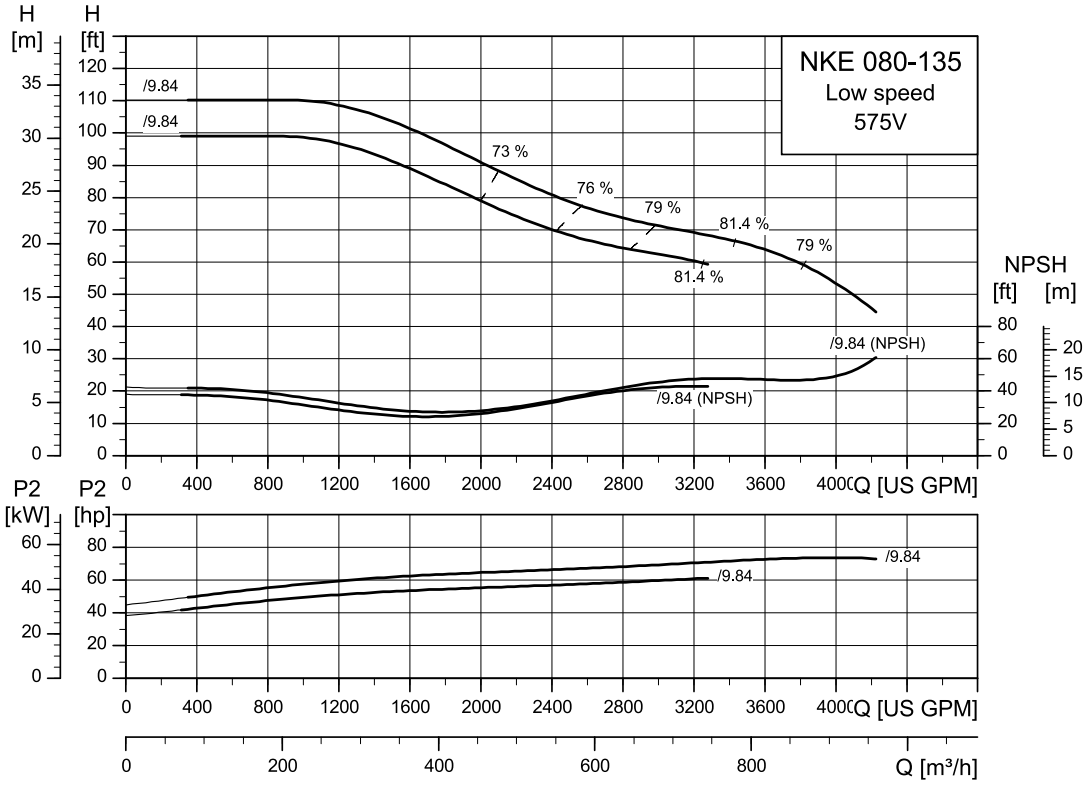
TM089505

NBE, NKE 060-110



TM089506

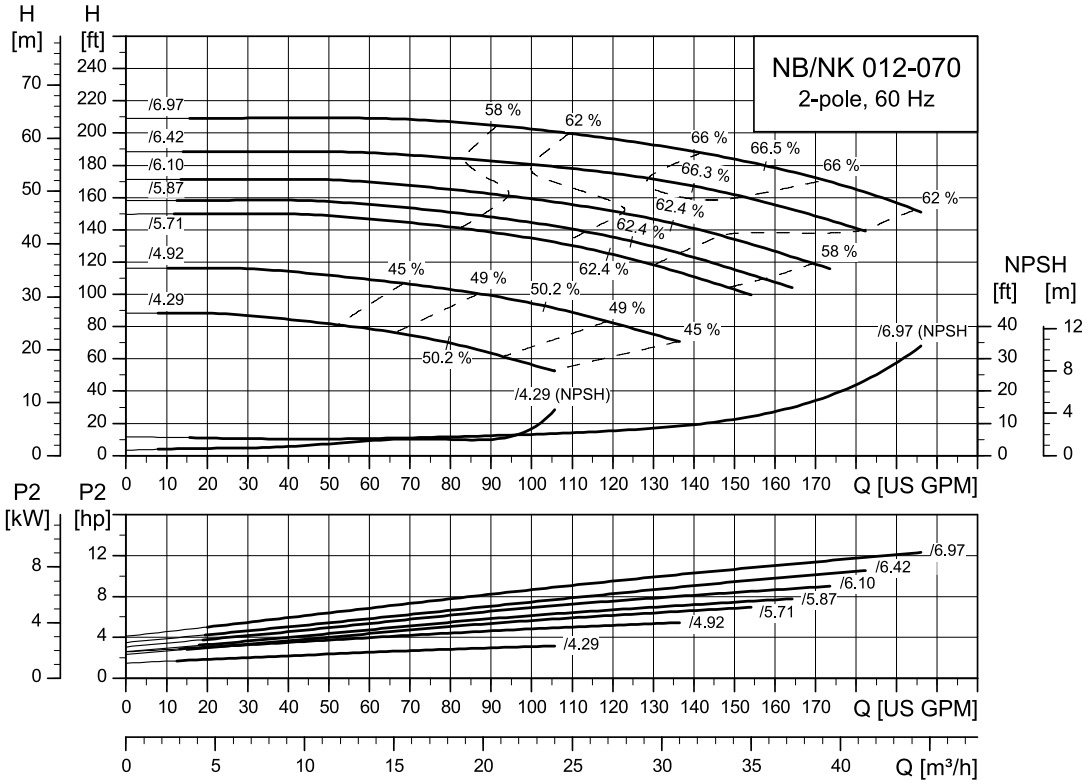
NKE 080-135



TM089507

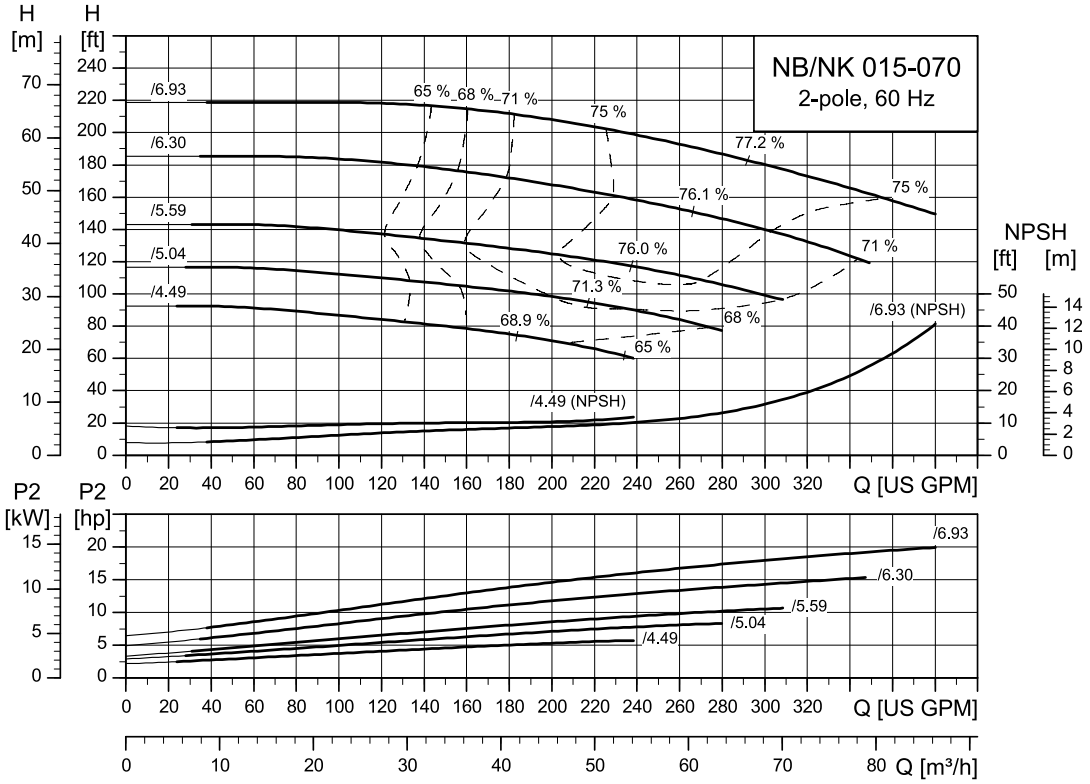
2-pole

NB, NK 012-070



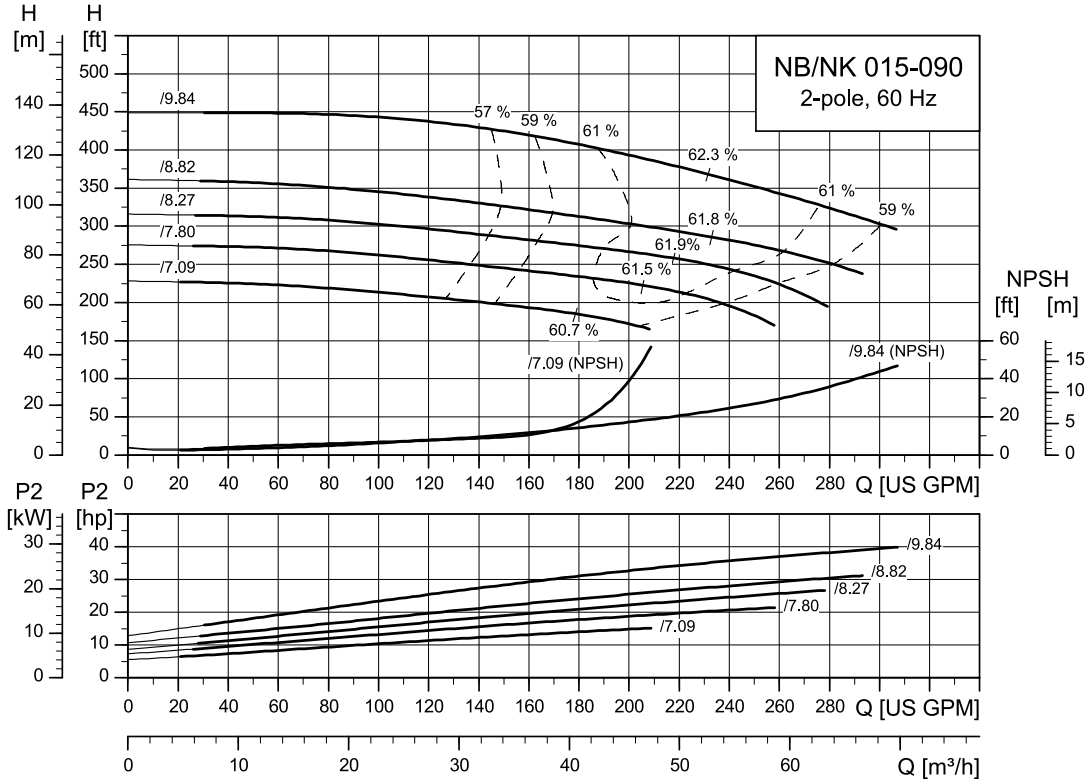
TM085947

NB, NK 015-070



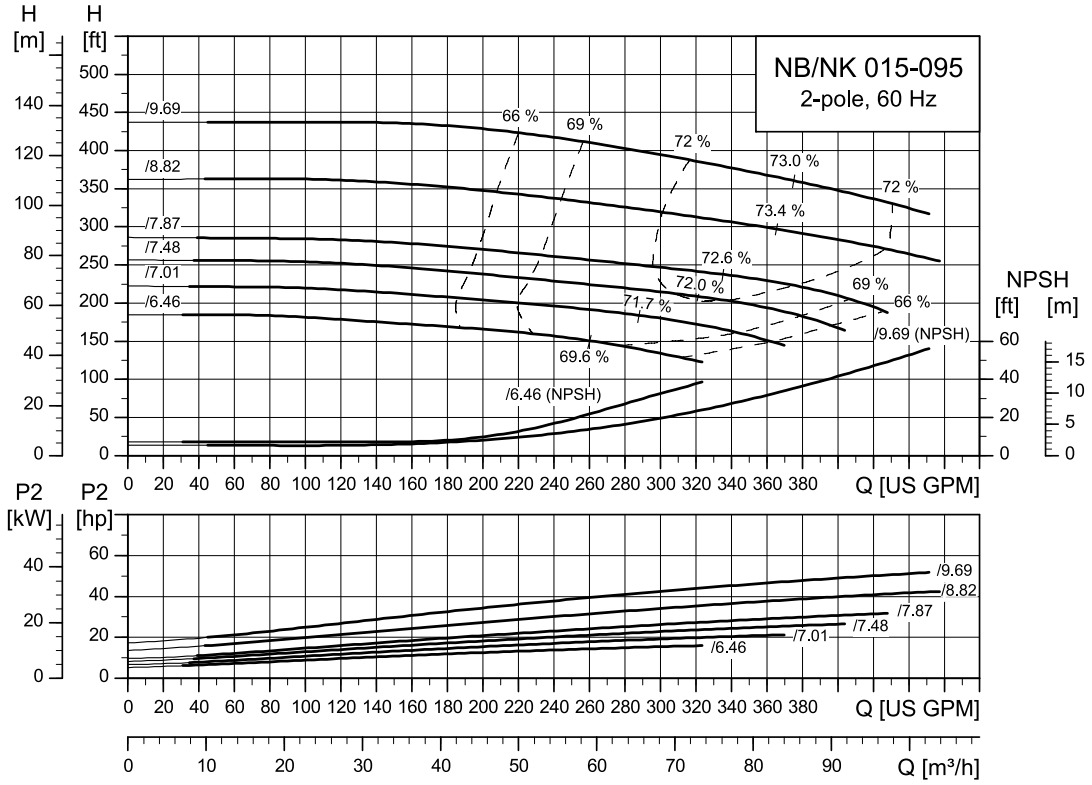
TM085948

NB, NK 015-090



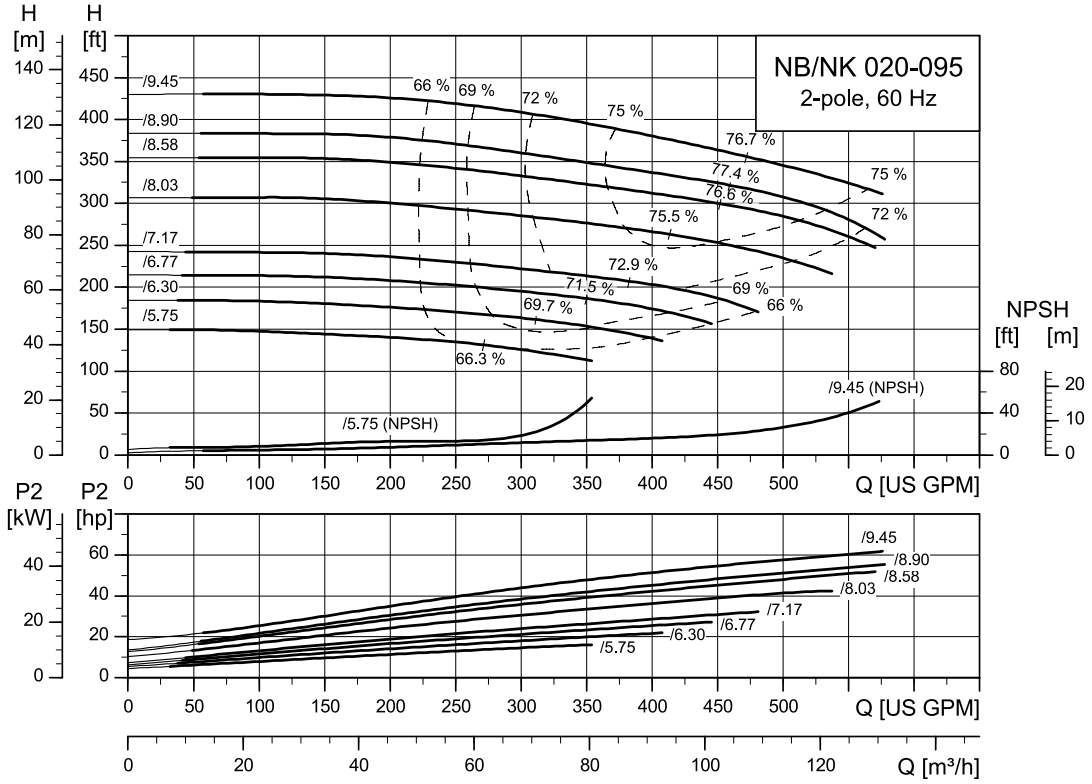
TM085949

NB, NK 015-095



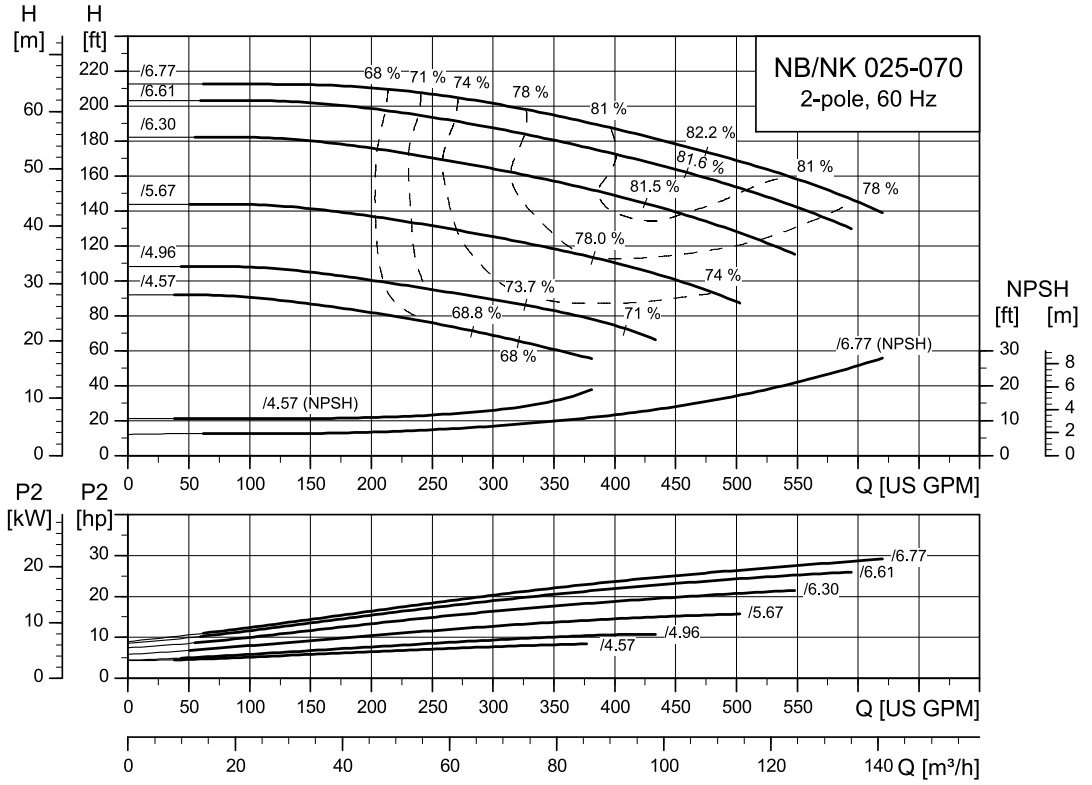
TM085950

NB, NK 020-095



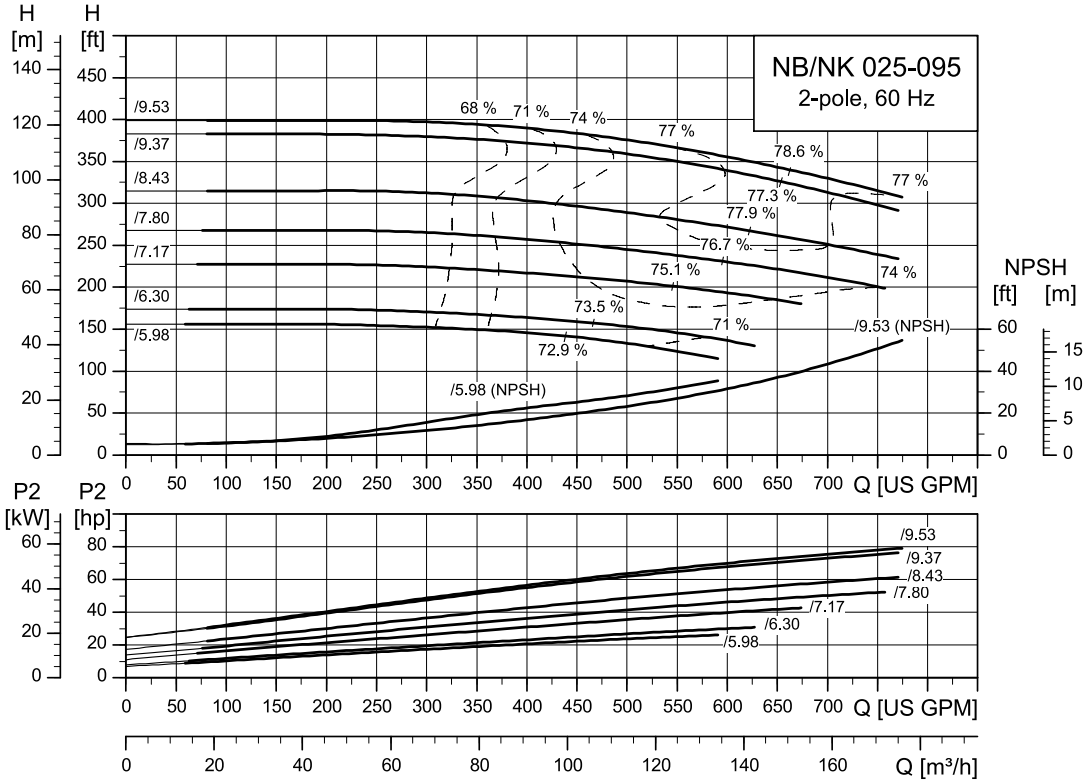
TM085951

NB, NK 025-070



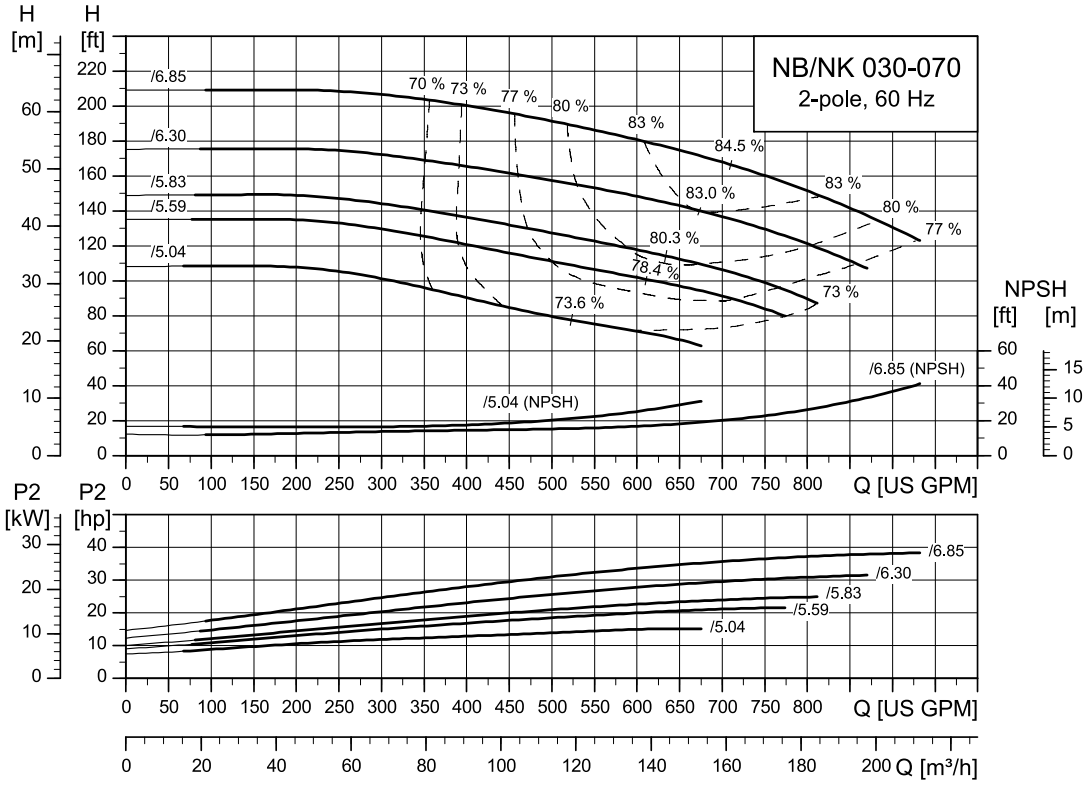
TM085952

NB, NK 025-095



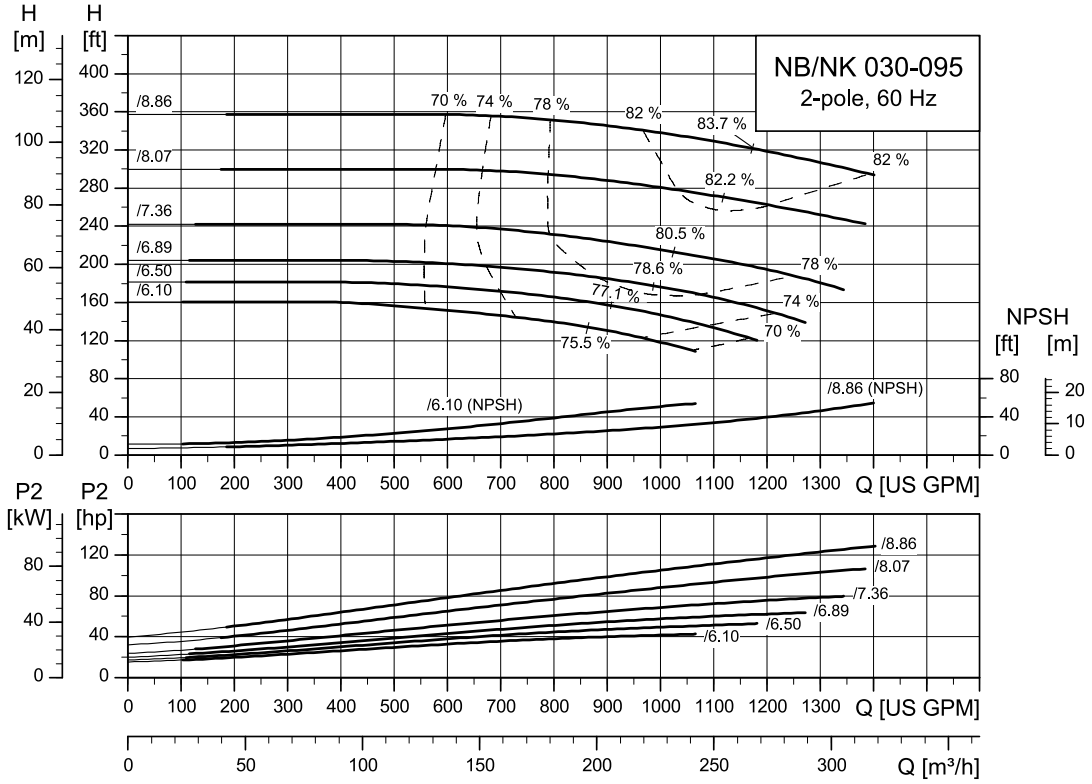
TM085953

NB, NK 030-070



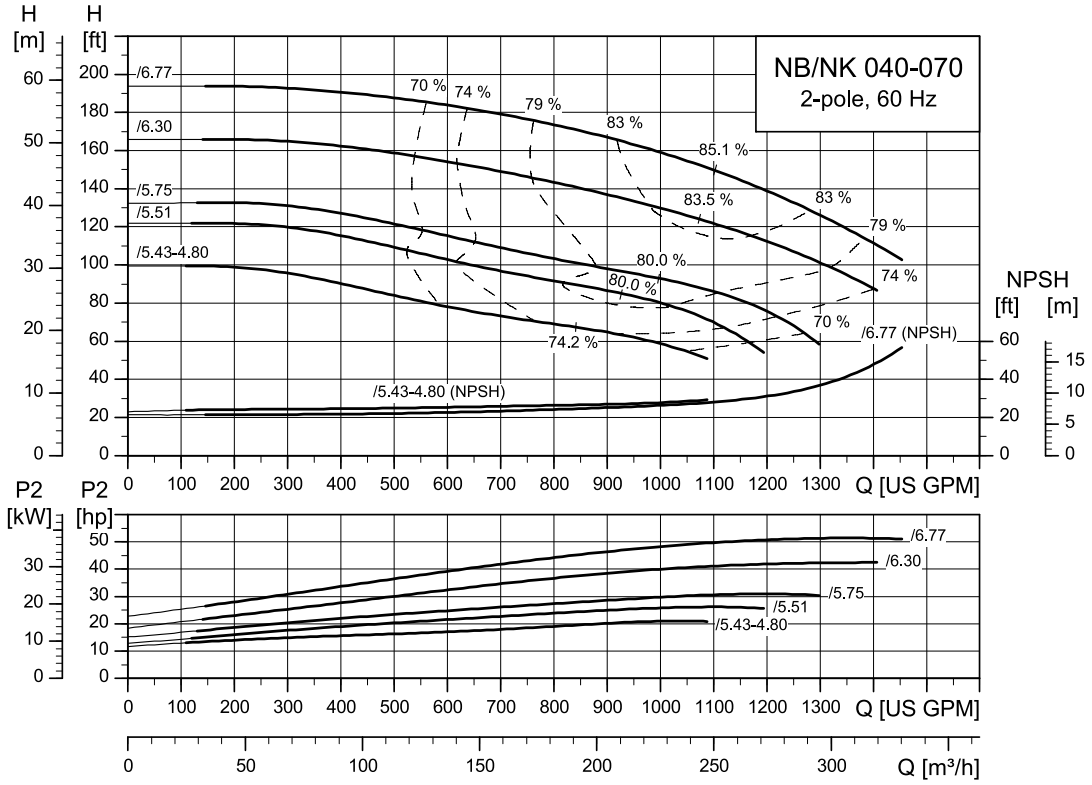
TM086011

NB, NK 030-095



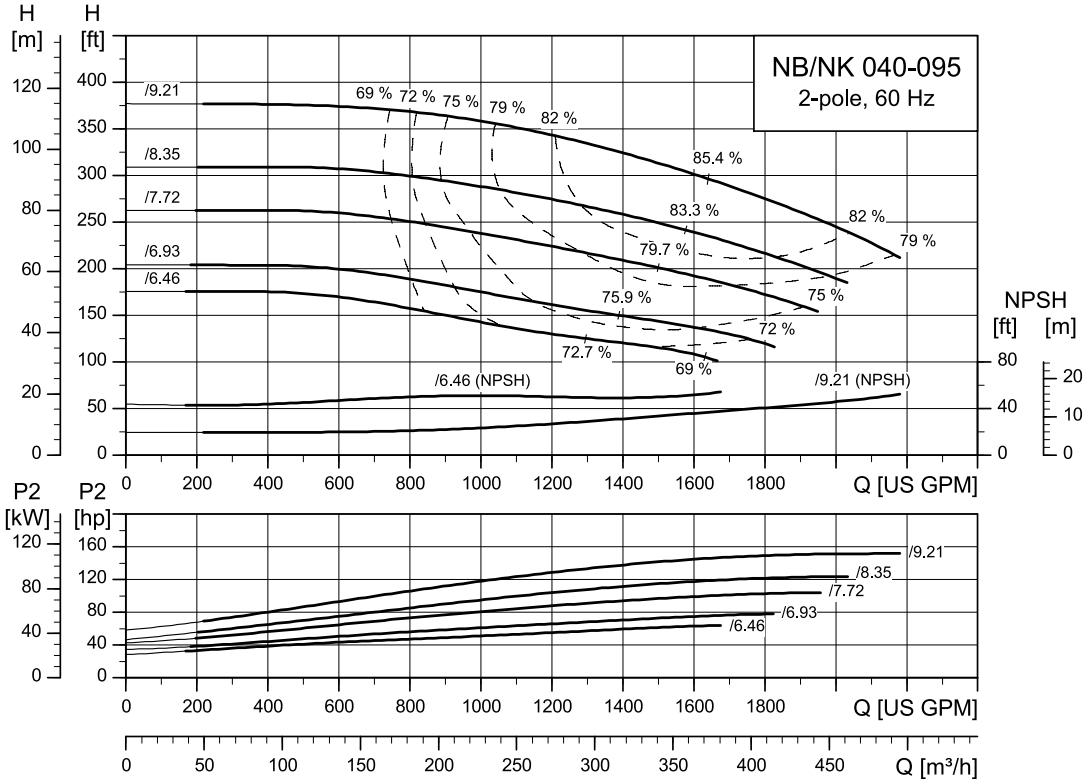
TM085954

NB, NK 040-070



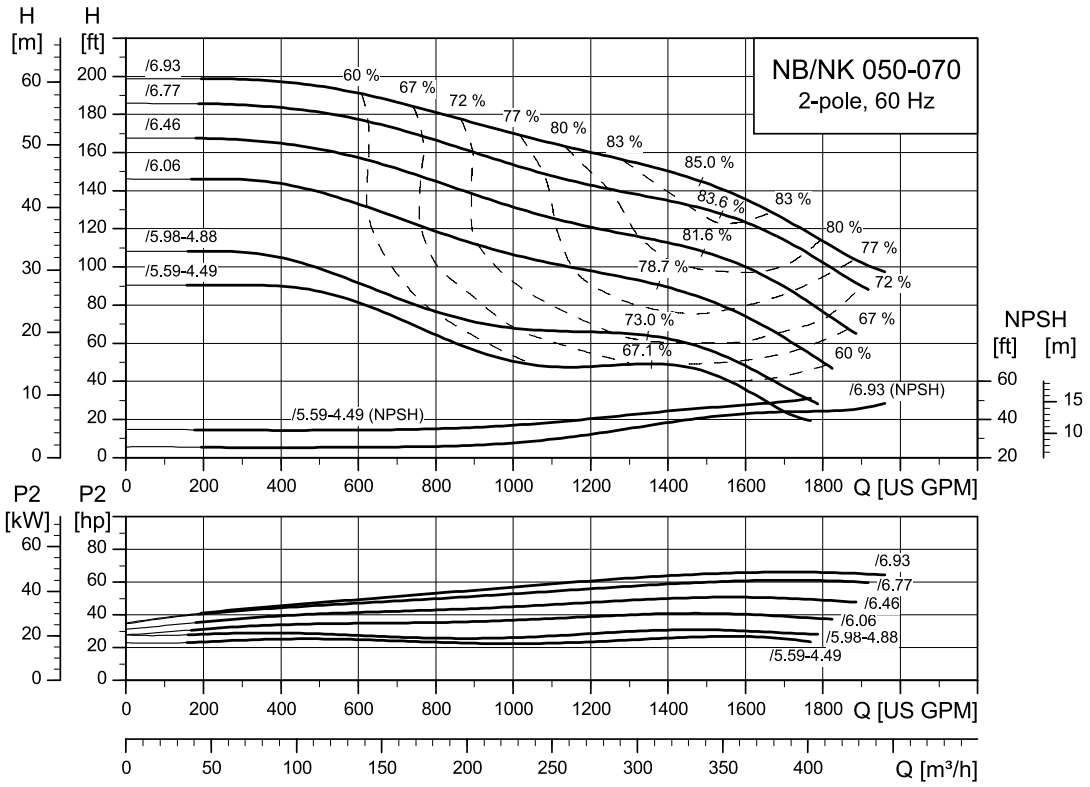
TM085955

NB, NK 040-095



TM085956

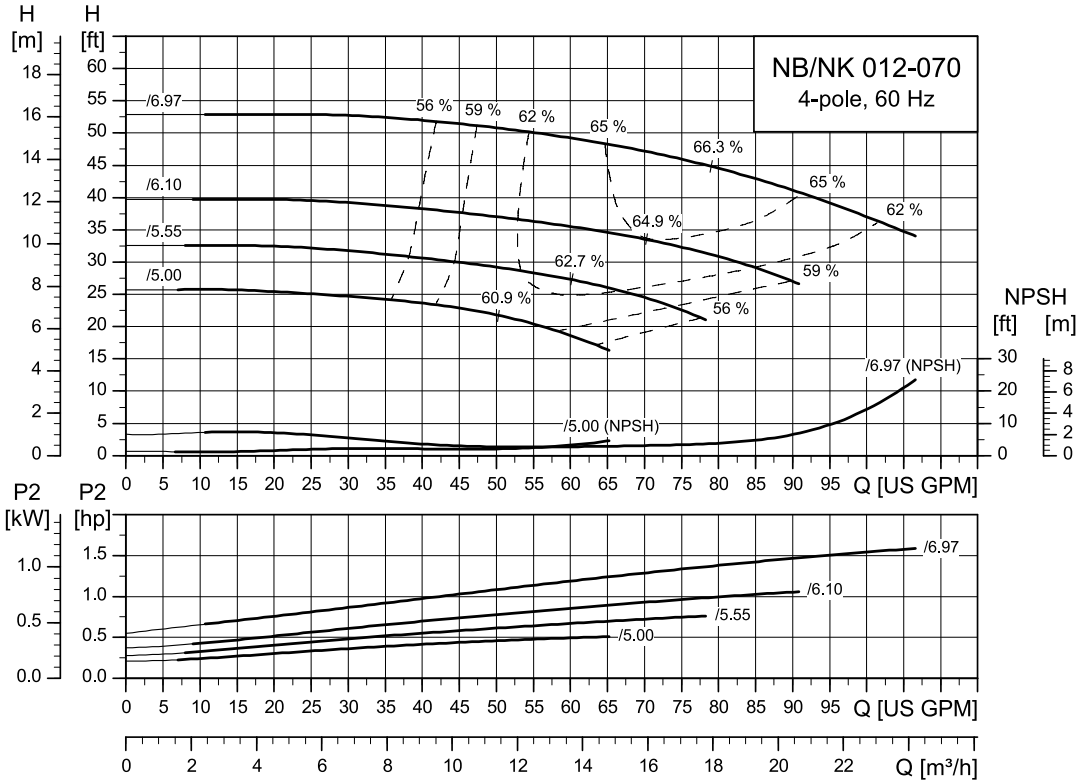
NB, NK 050-070



TM085957

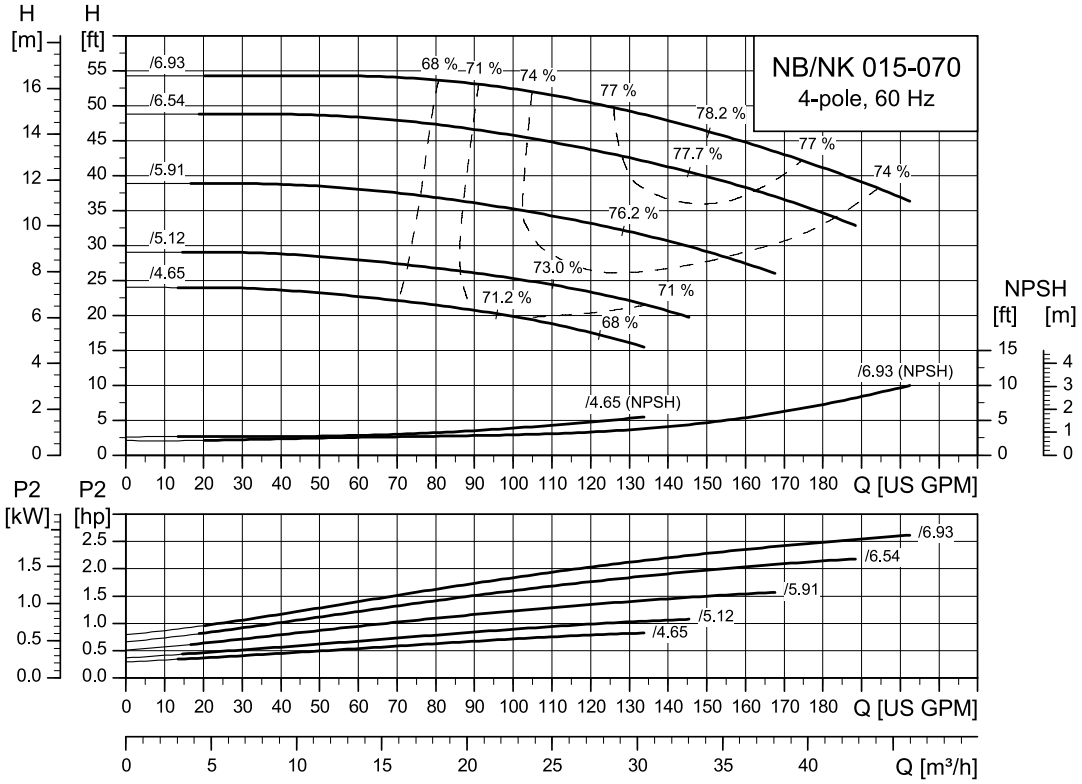
4-pole

NB, NK 012-070



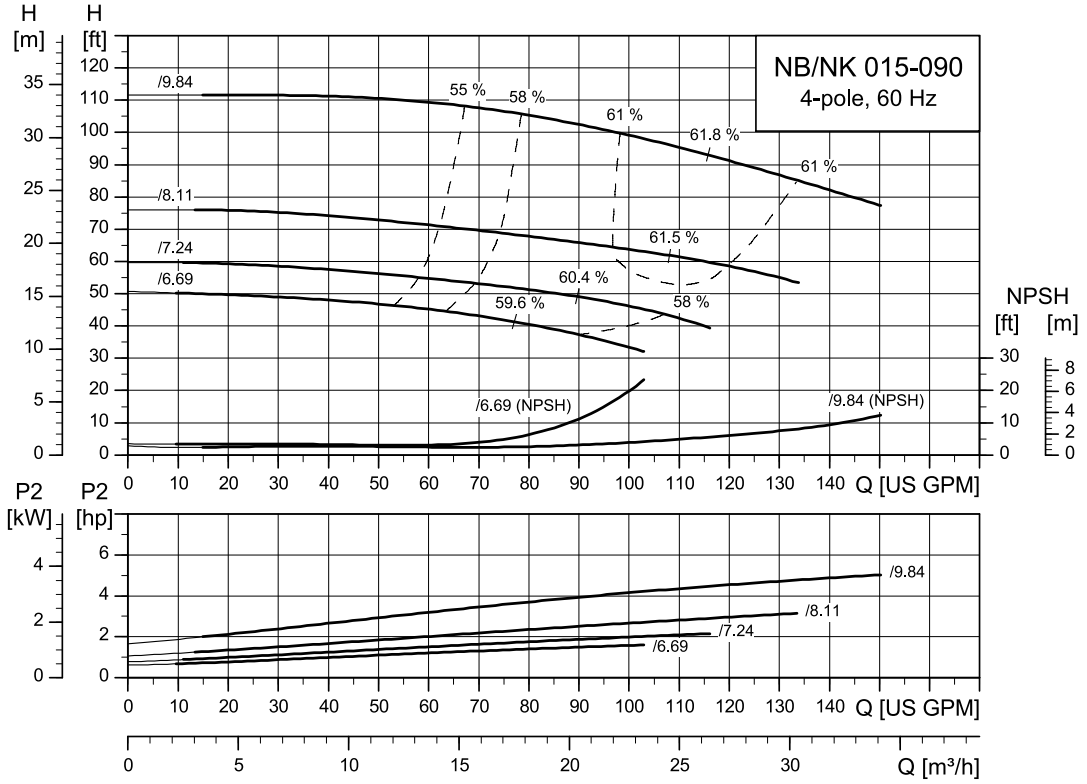
TM085958

NB, NK 015-070



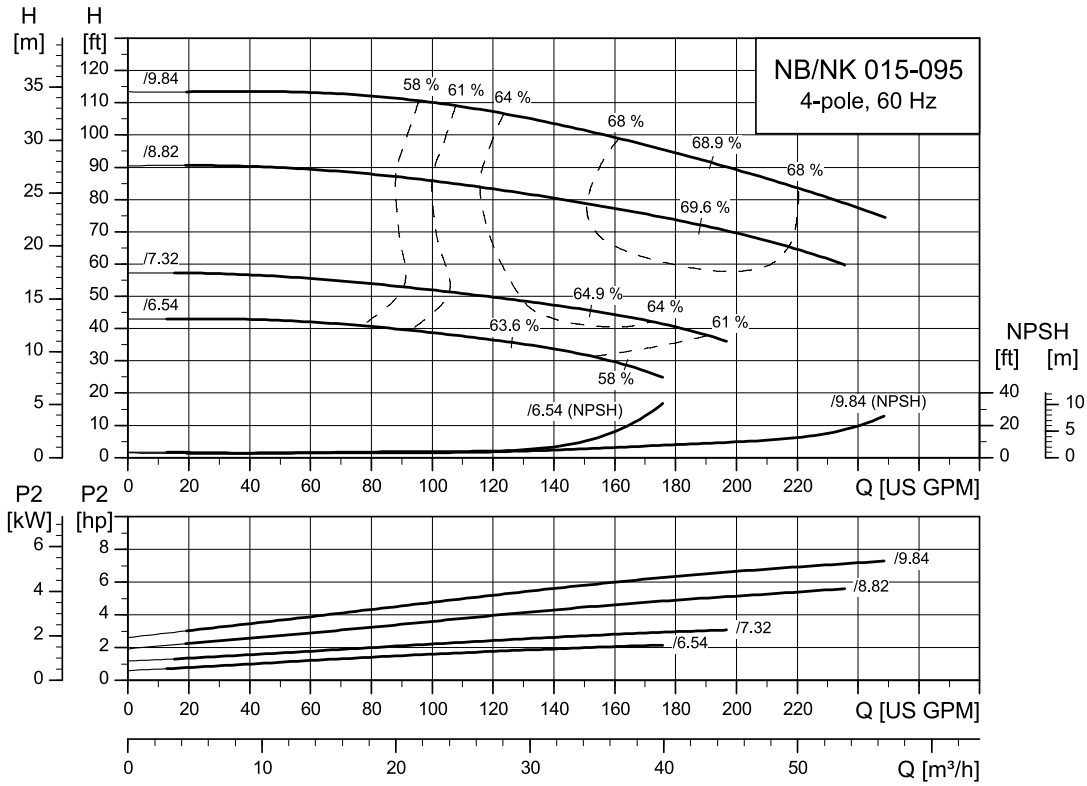
TM085959

NB, NK 015-090



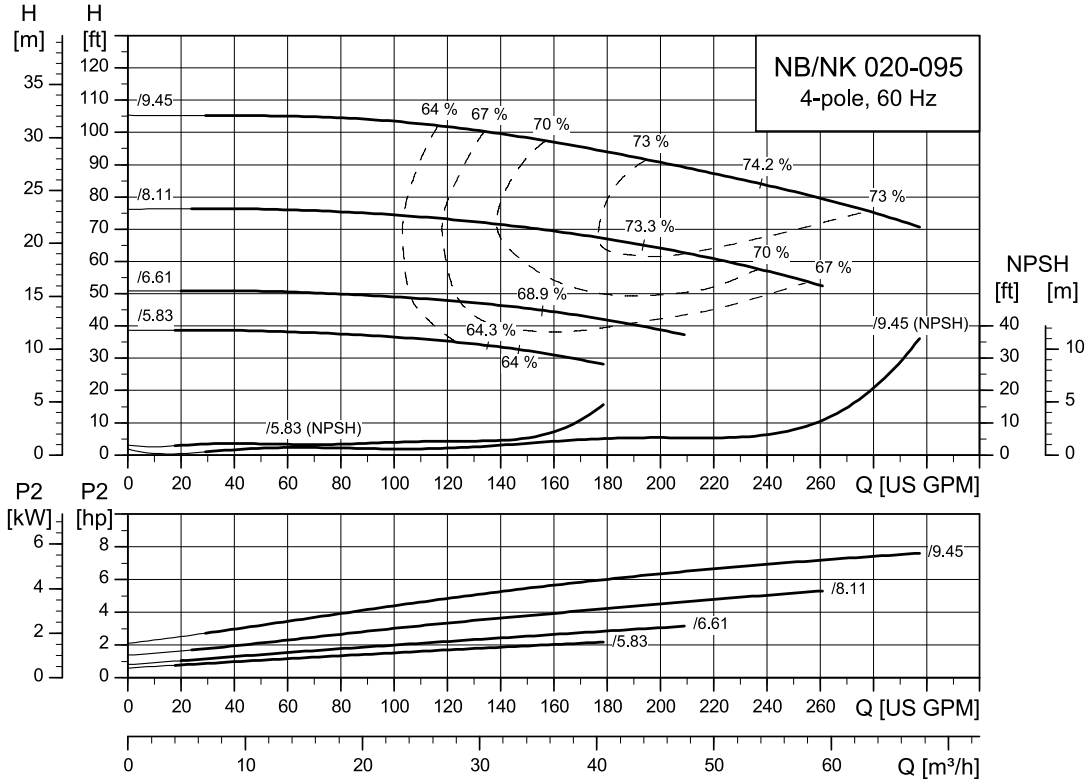
TM085960

NB, NK 015-095



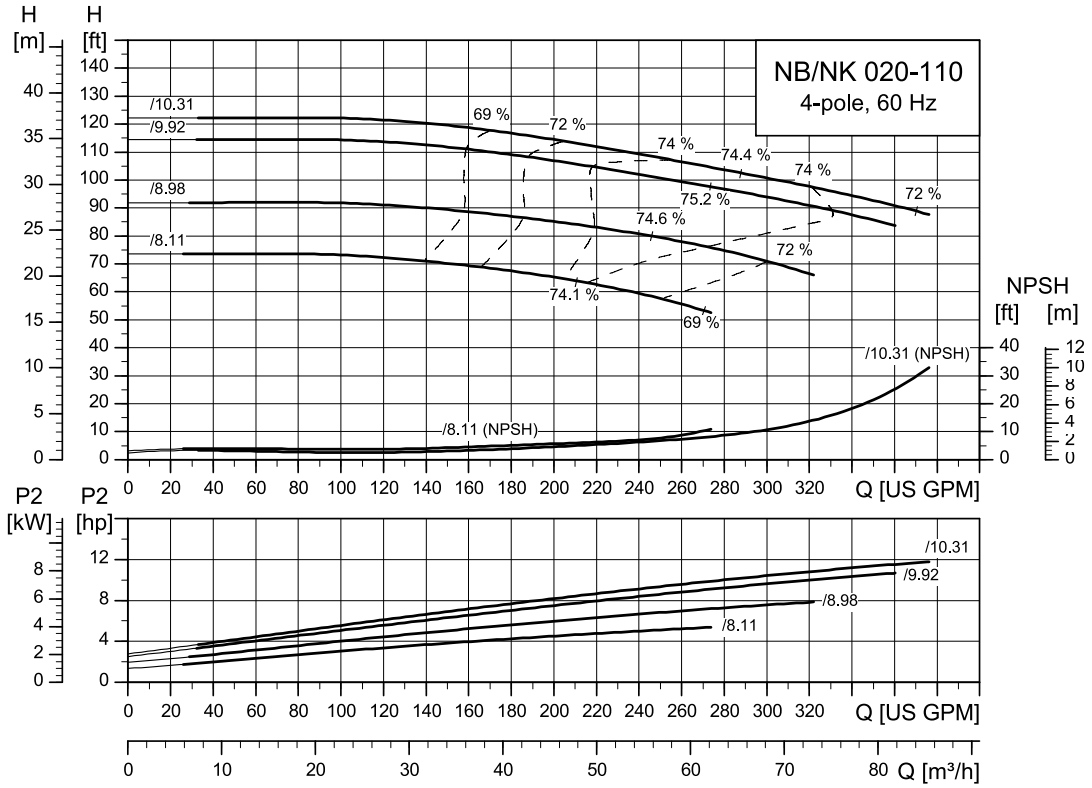
TM085961

NB, NK 020-095



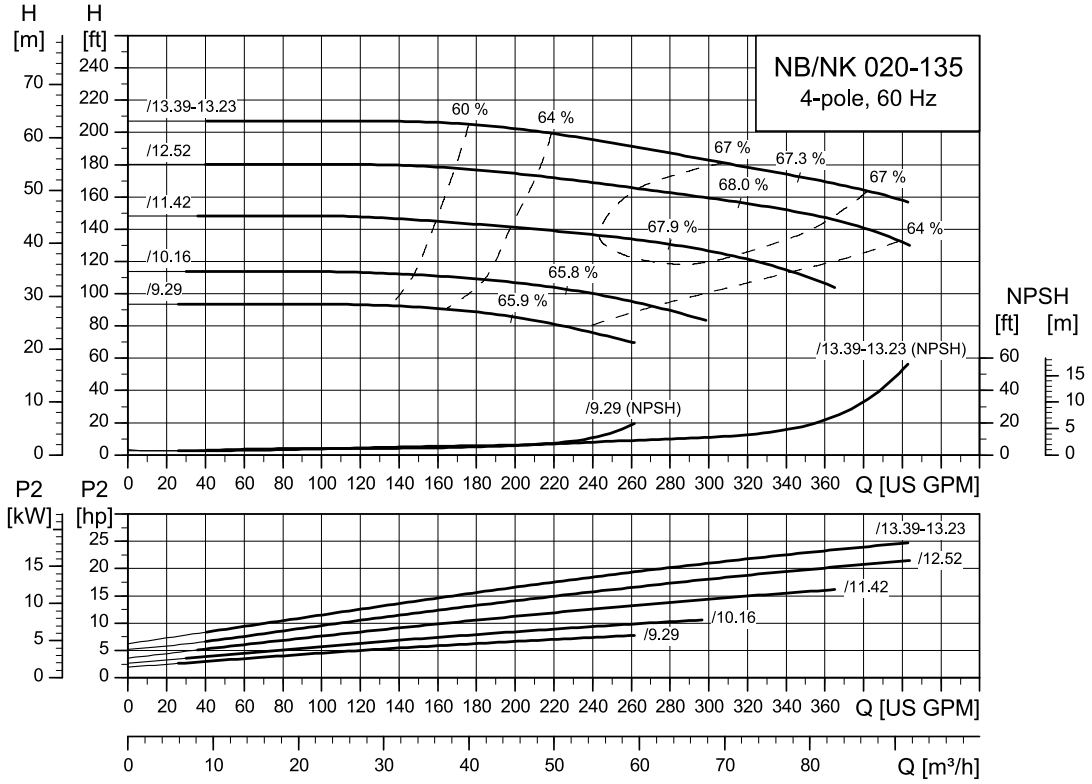
TM085962

NB, NK 020-110



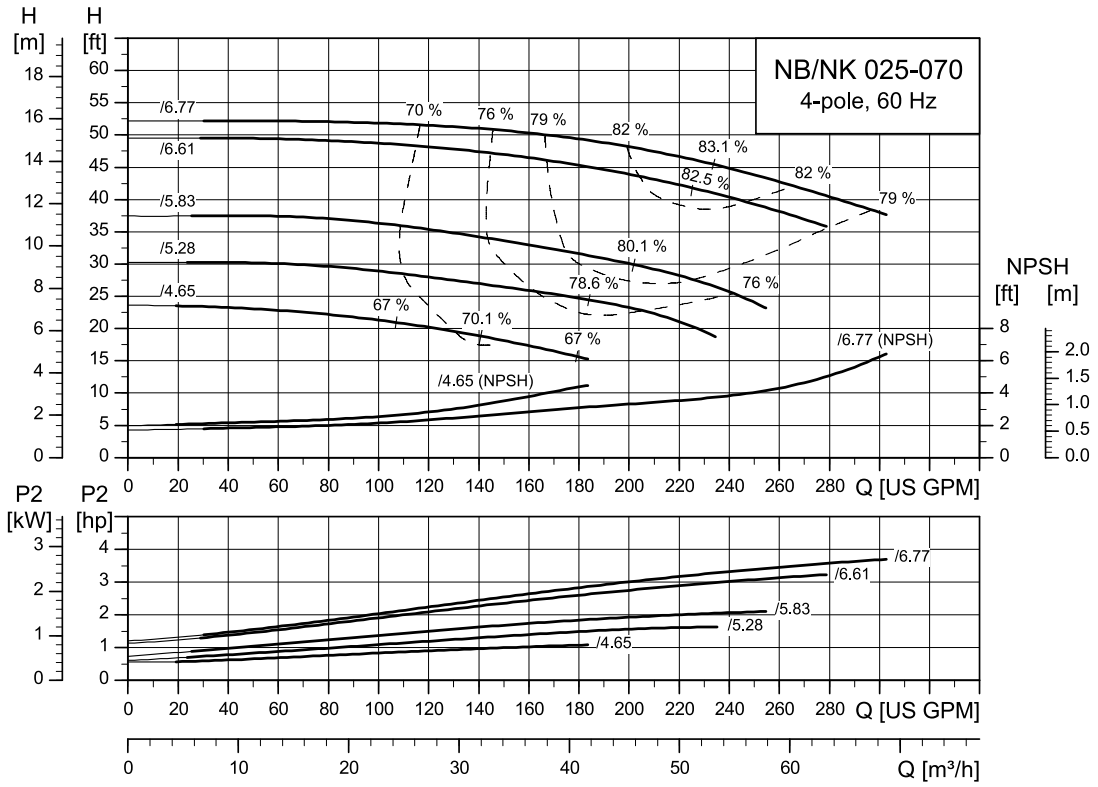
TM085963

NB, NK 020-135



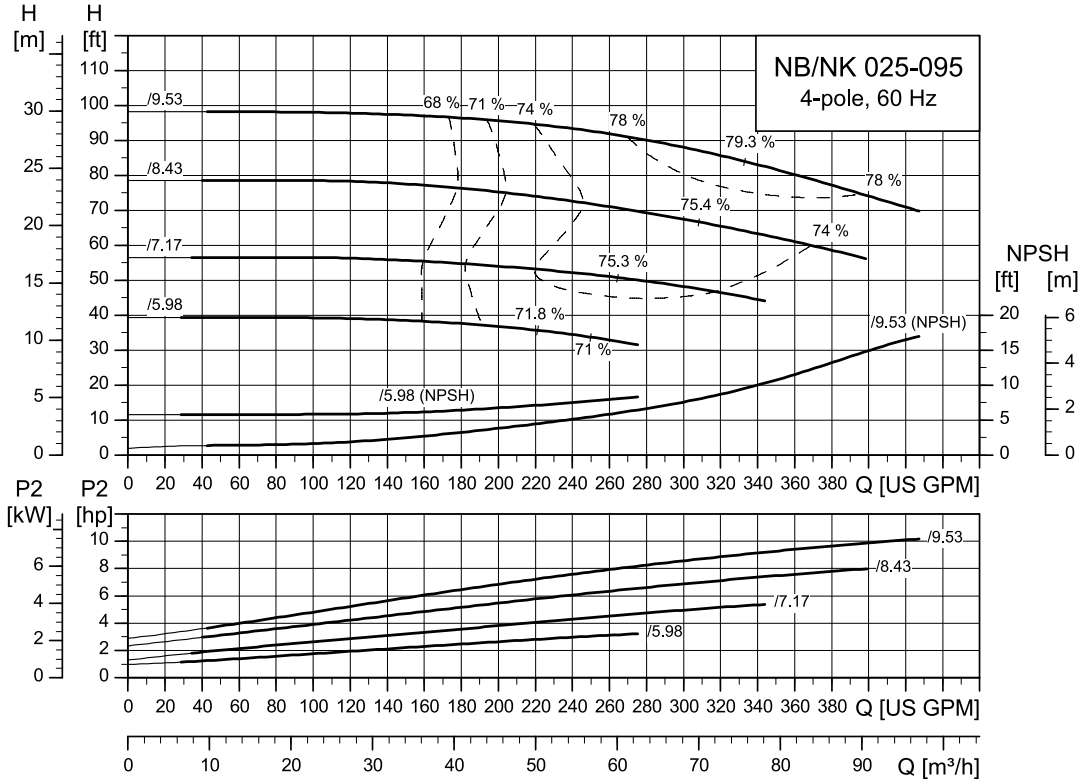
TM085964

NB, NK 025-070



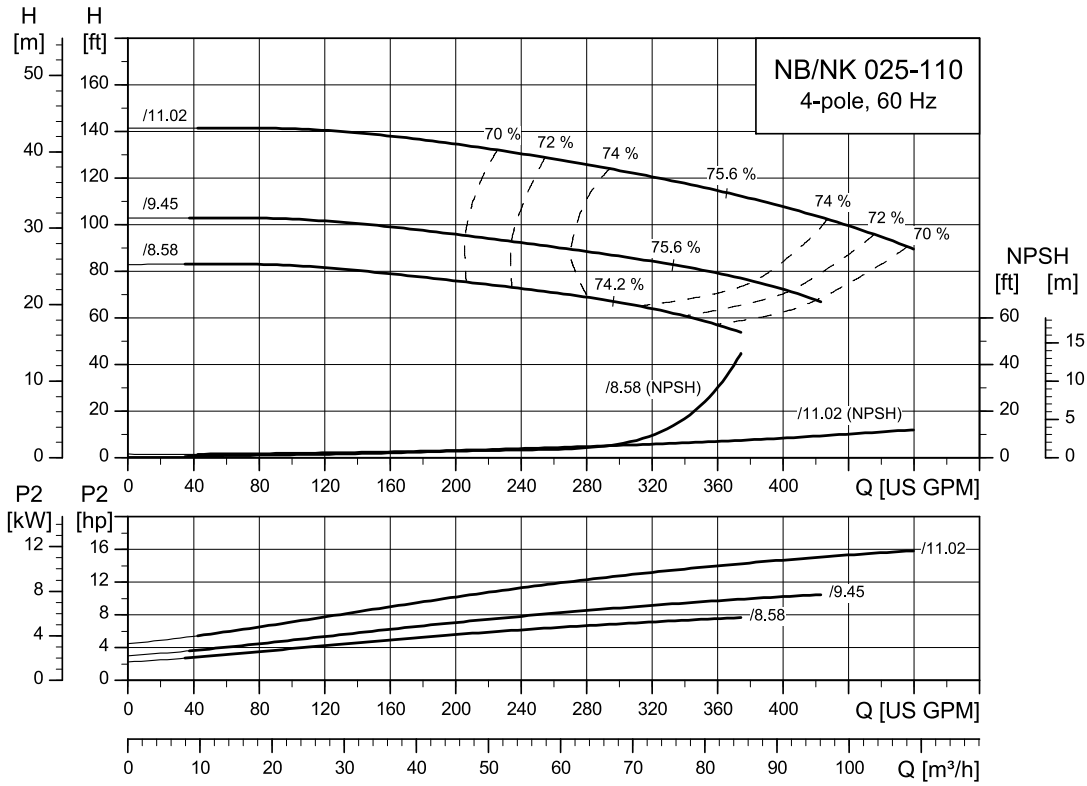
TM085965

NB, NK 025-095



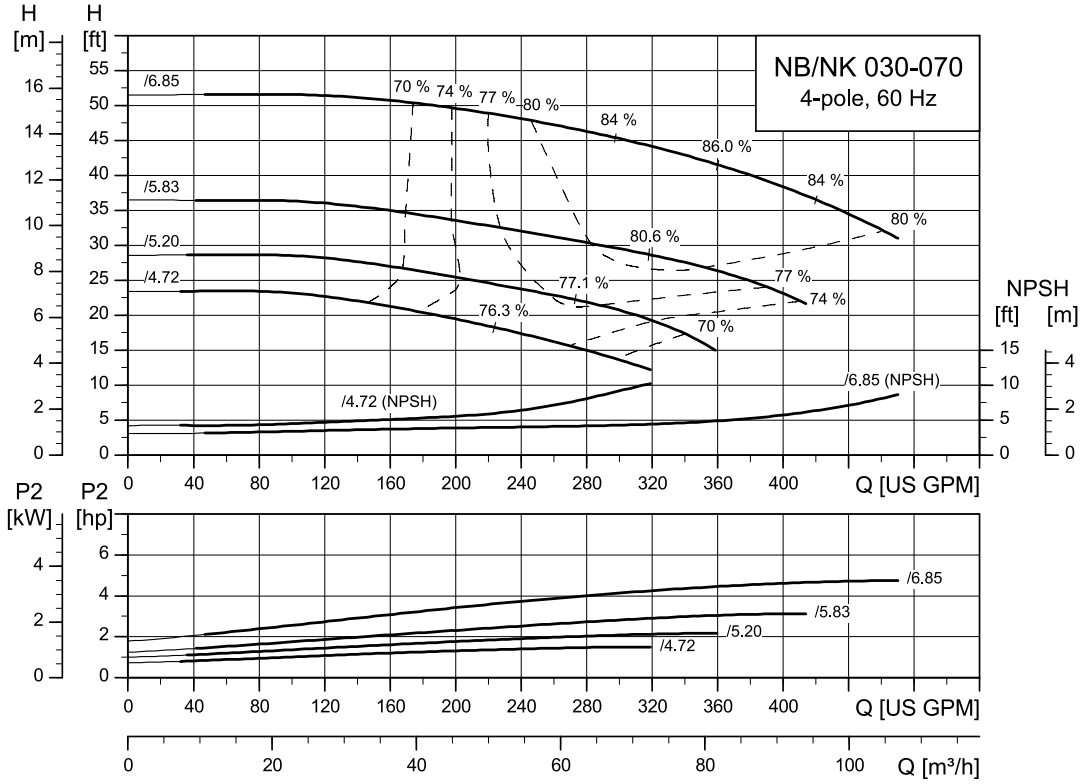
TM085966

NB, NK 025-110



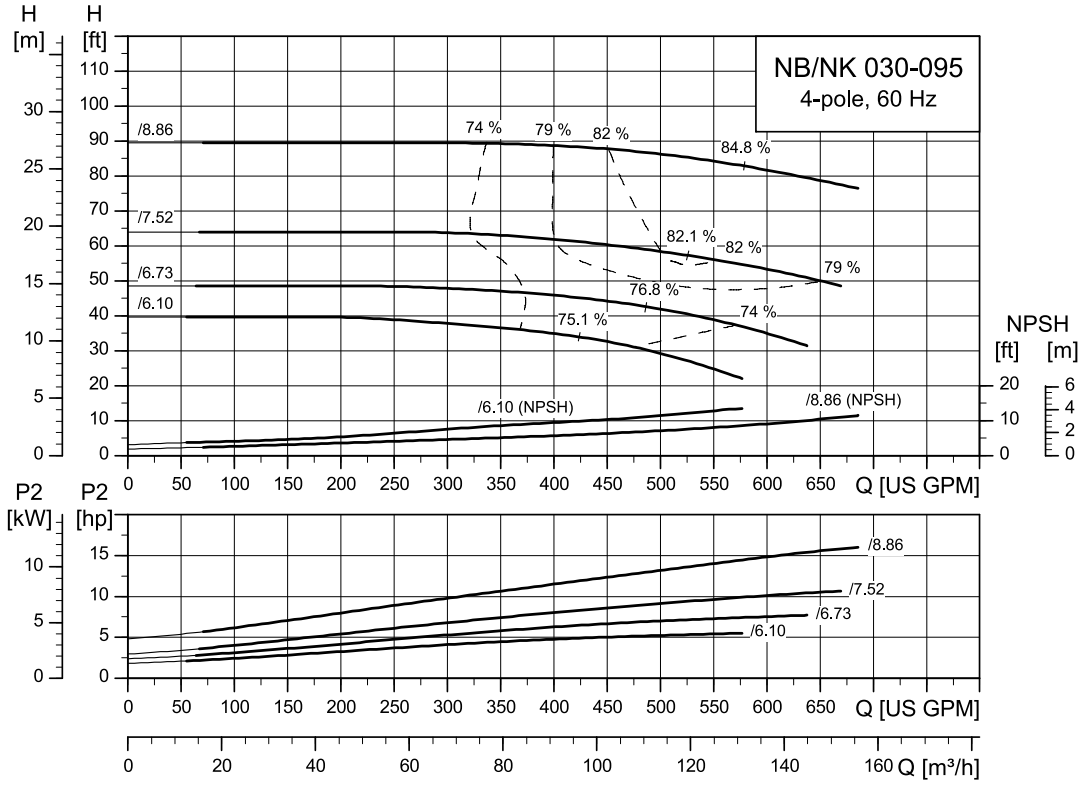
TM085967

NB, NK 030-070



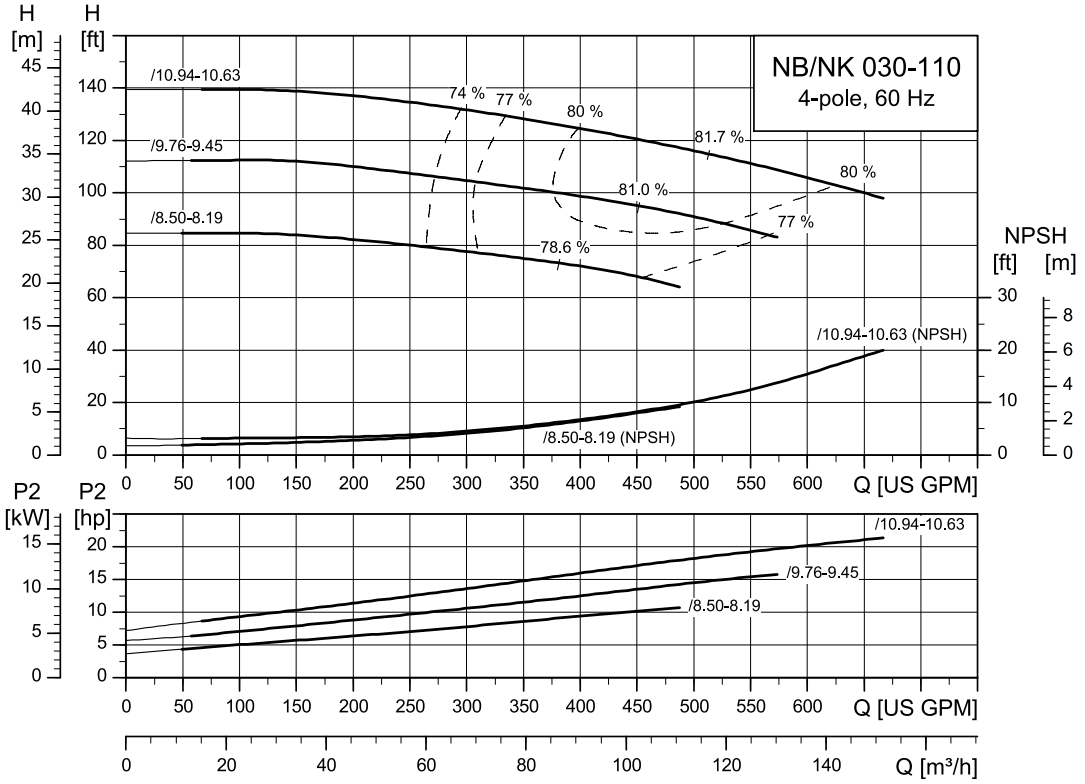
TM085968

NB, NK 030-095



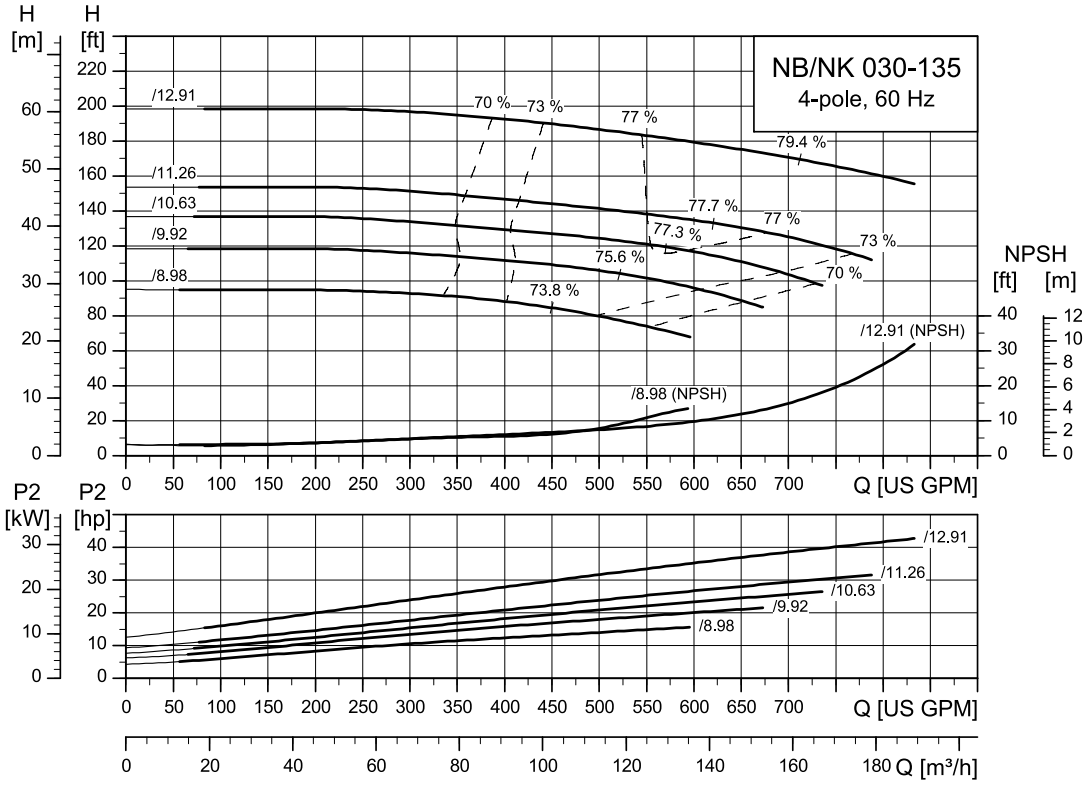
TM085969

NB, NK 030-110



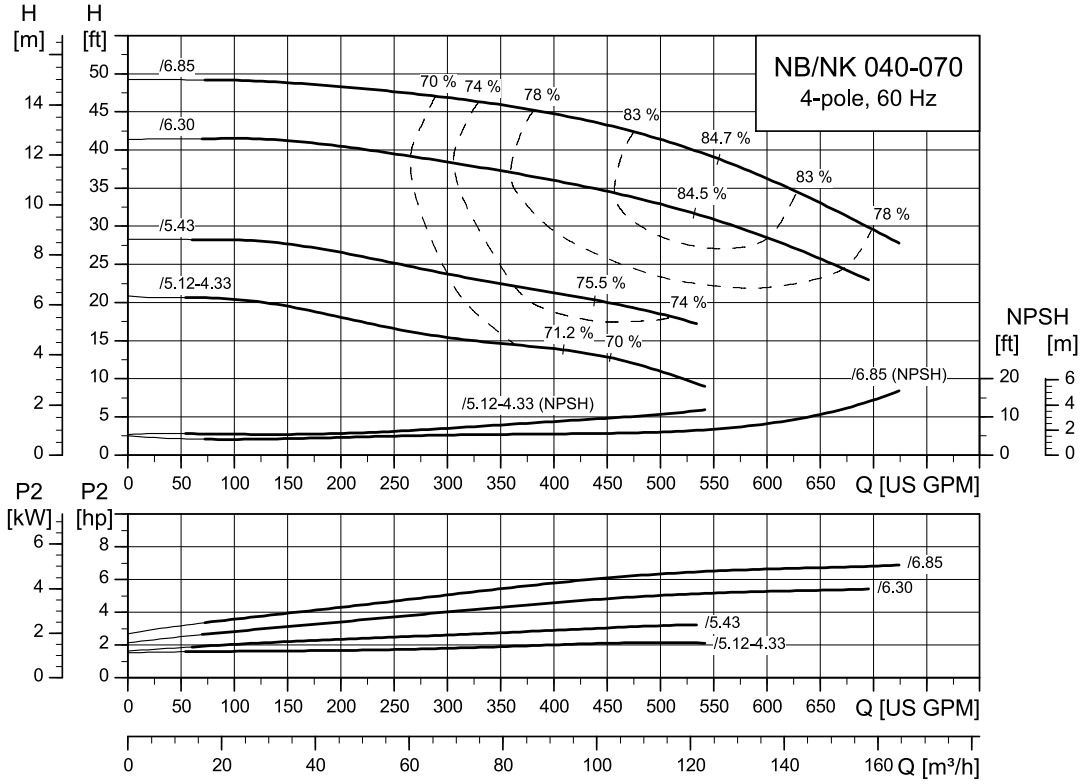
TM085970

NB, NK 030-135



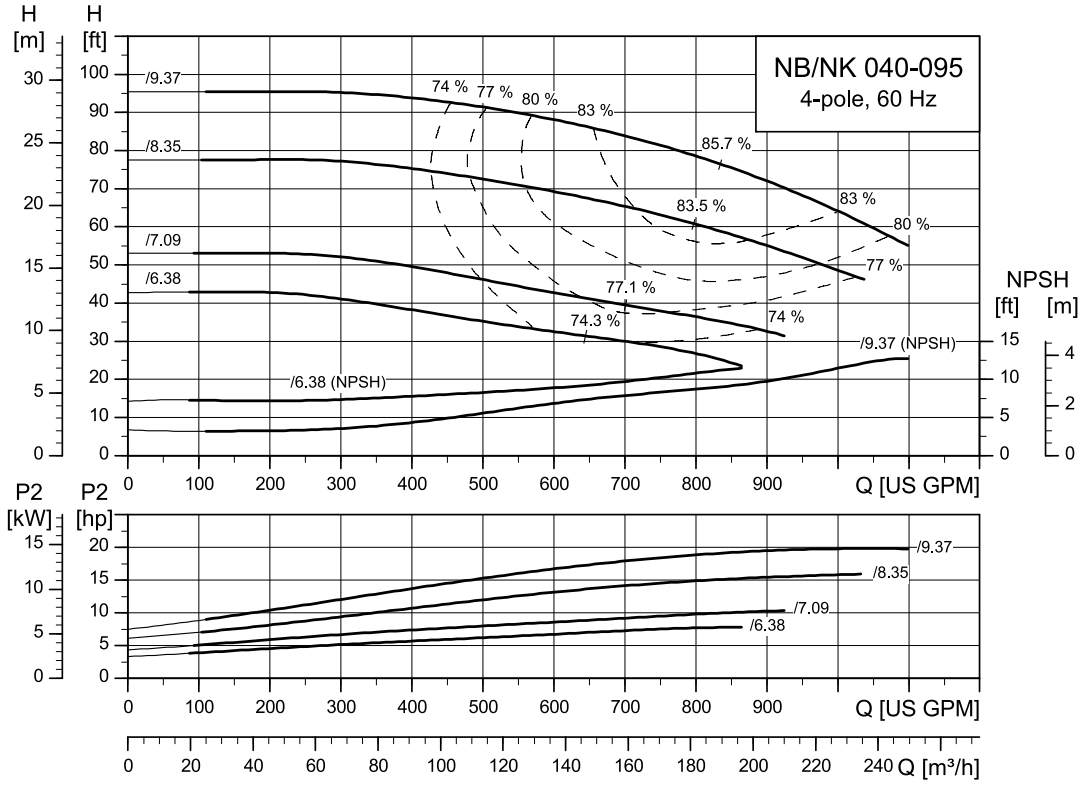
TM085971

NB, NK 040-070



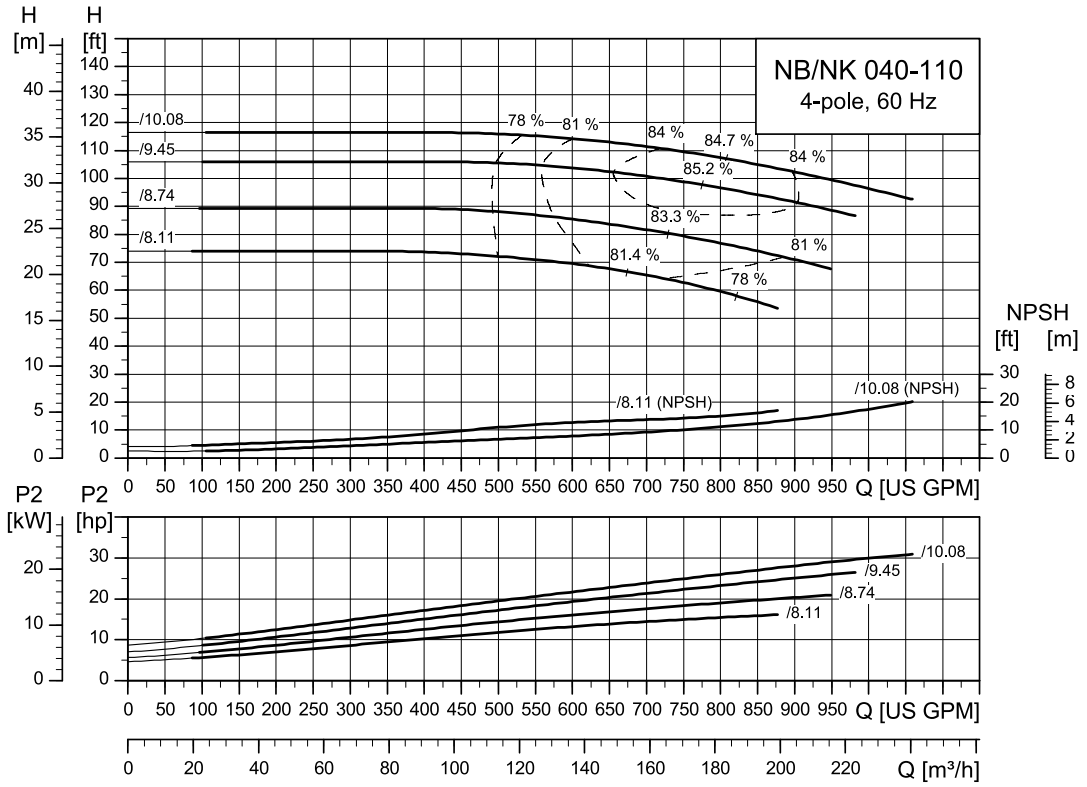
TM085972

NB, NK 040-095



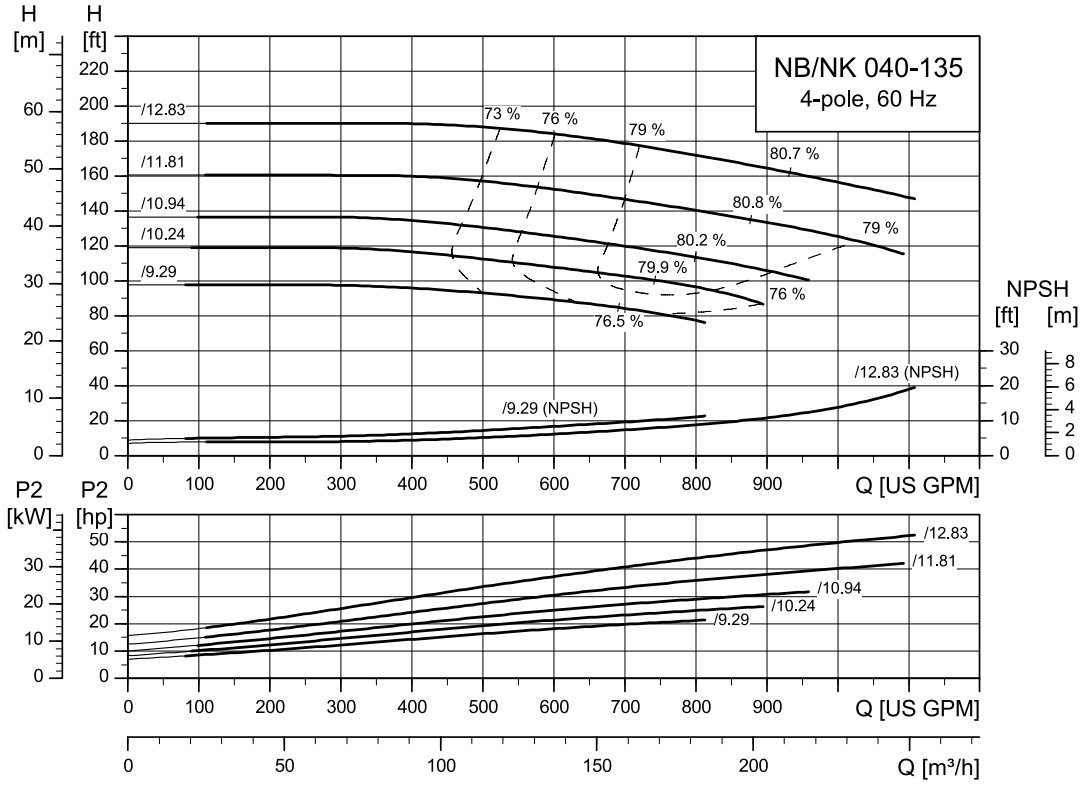
TM085973

NB, NK 040-110



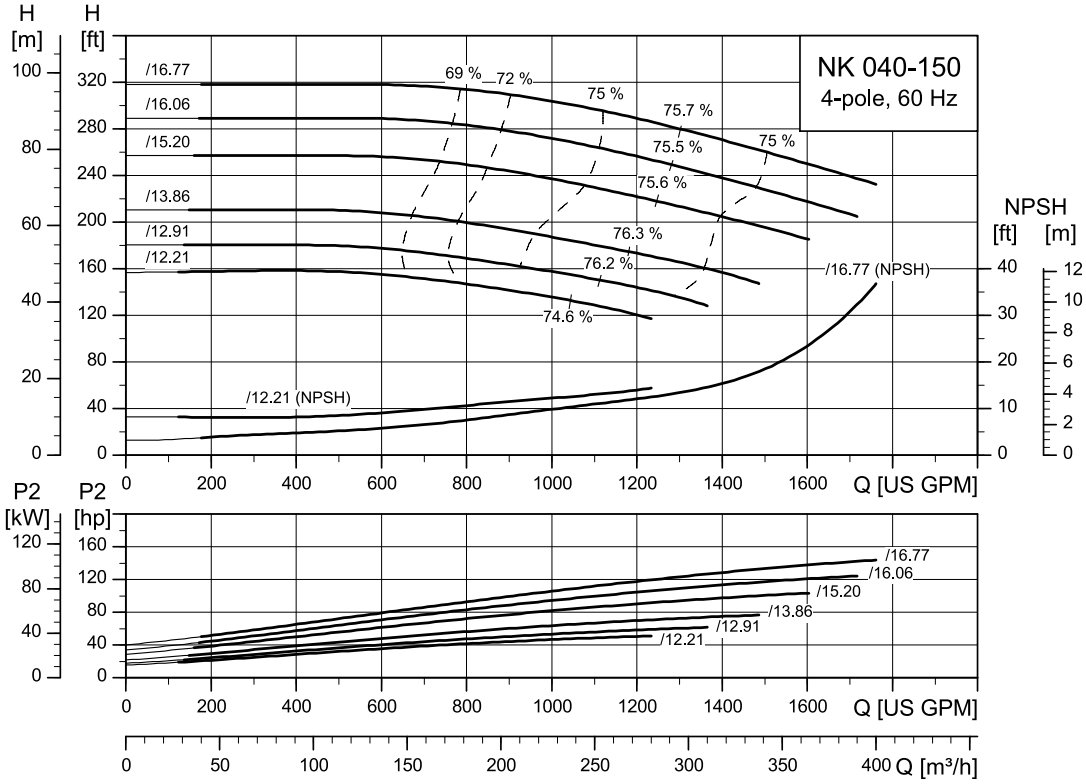
TM085974

NB, NK 040-135



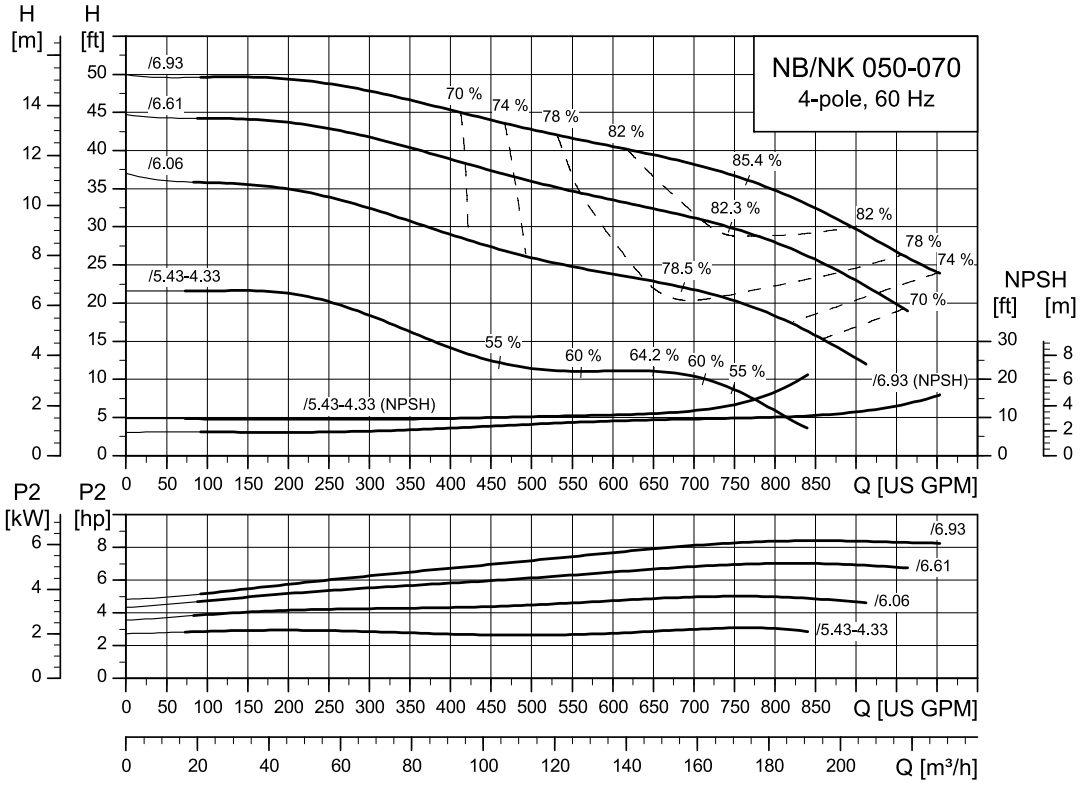
TM085975

NK 040-150



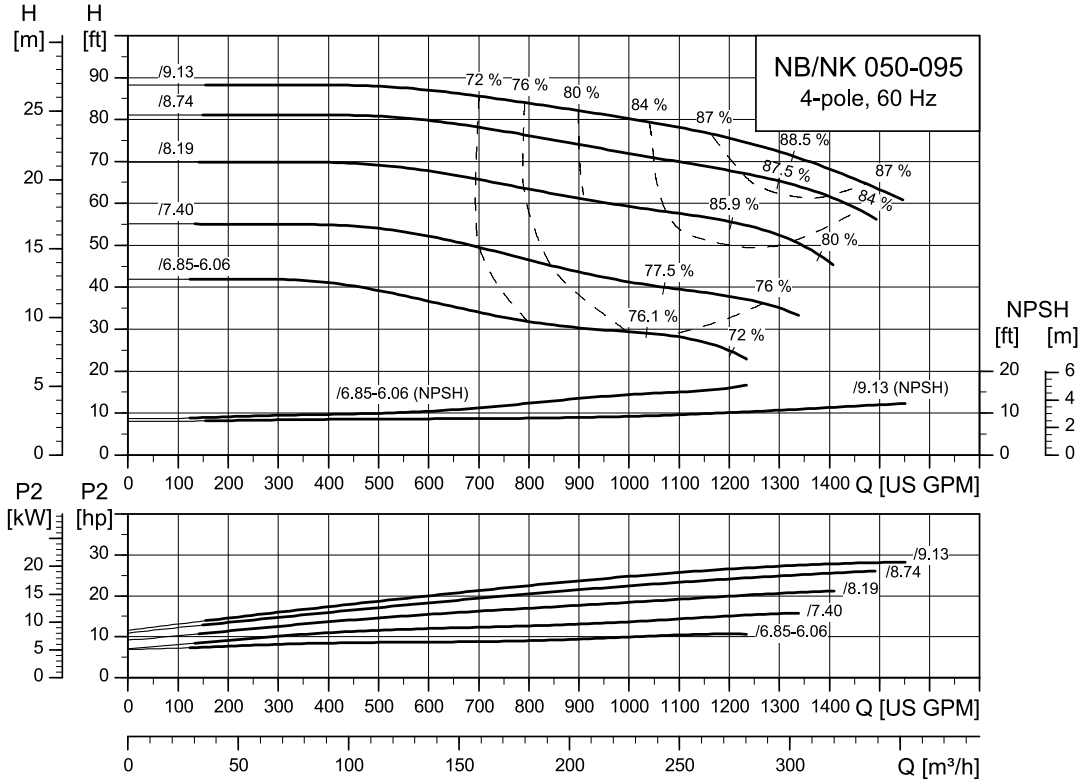
TM085976

NB, NK 050-070



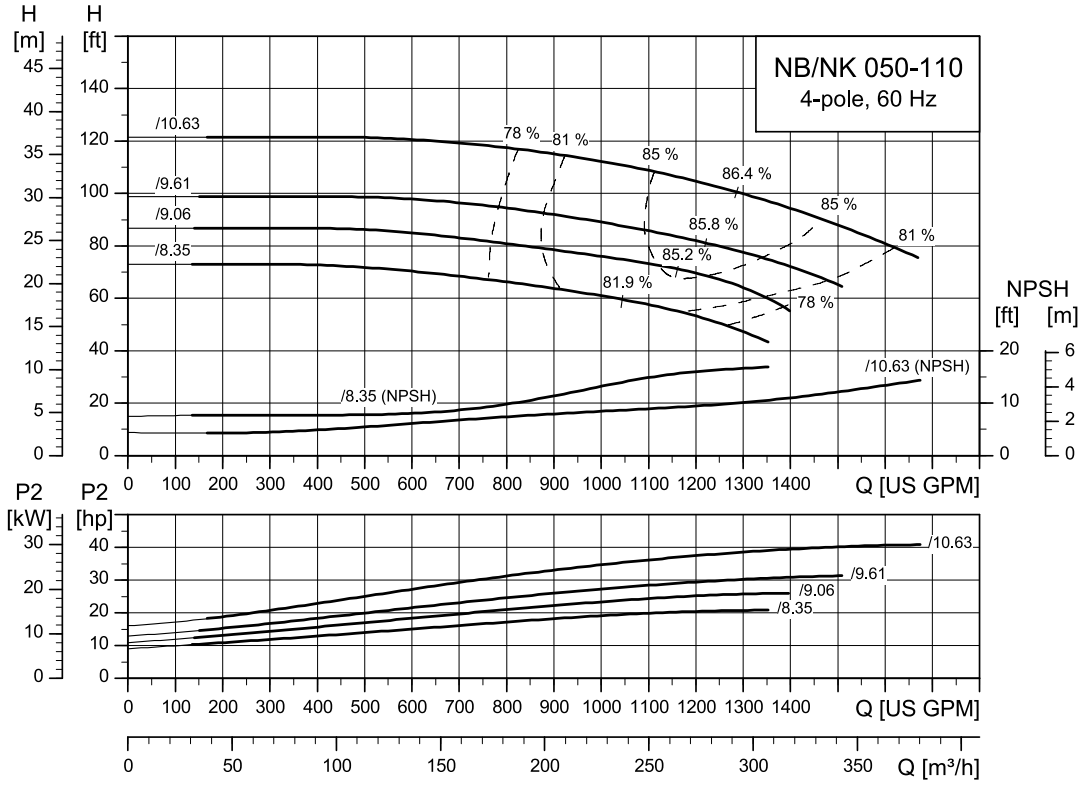
TM085977

NB, NK 050-095



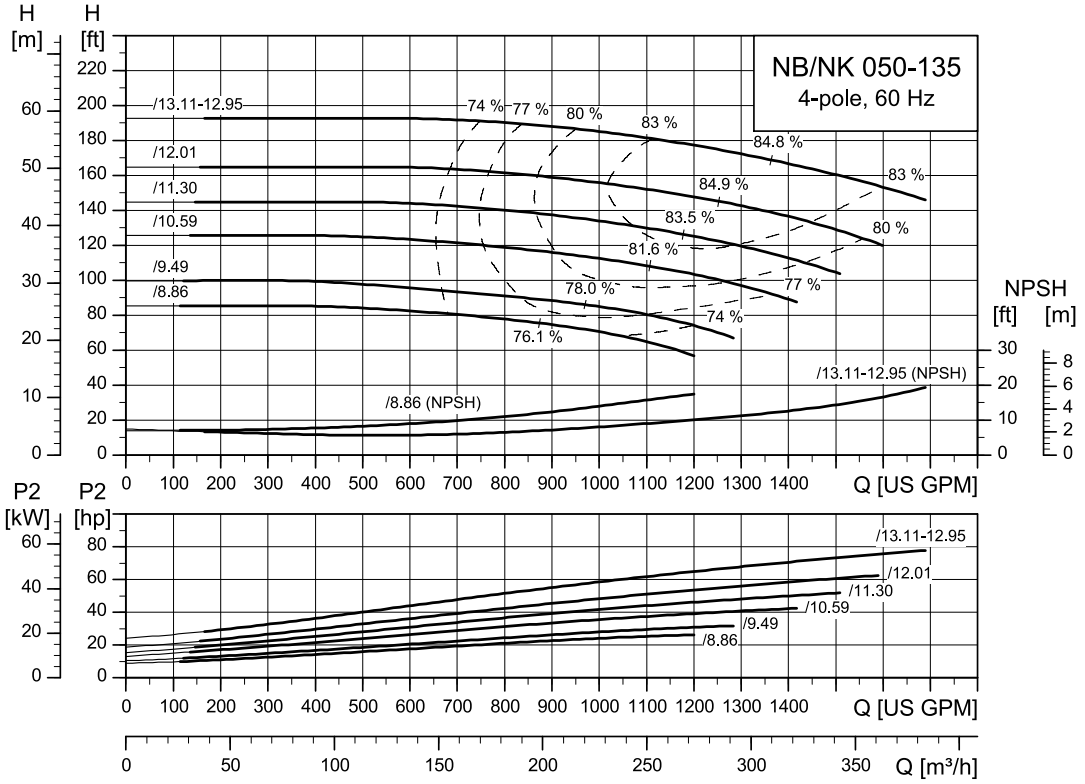
TM085978

NB, NK 050-110



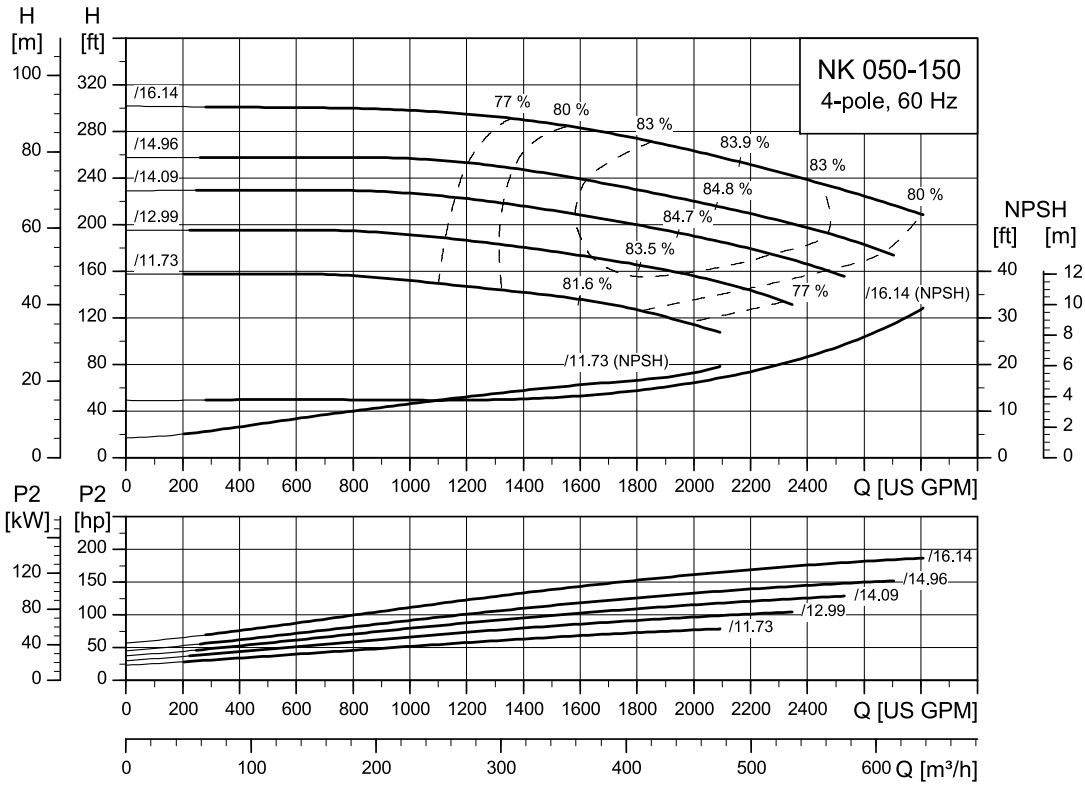
TM085979

NB, NK 050-135



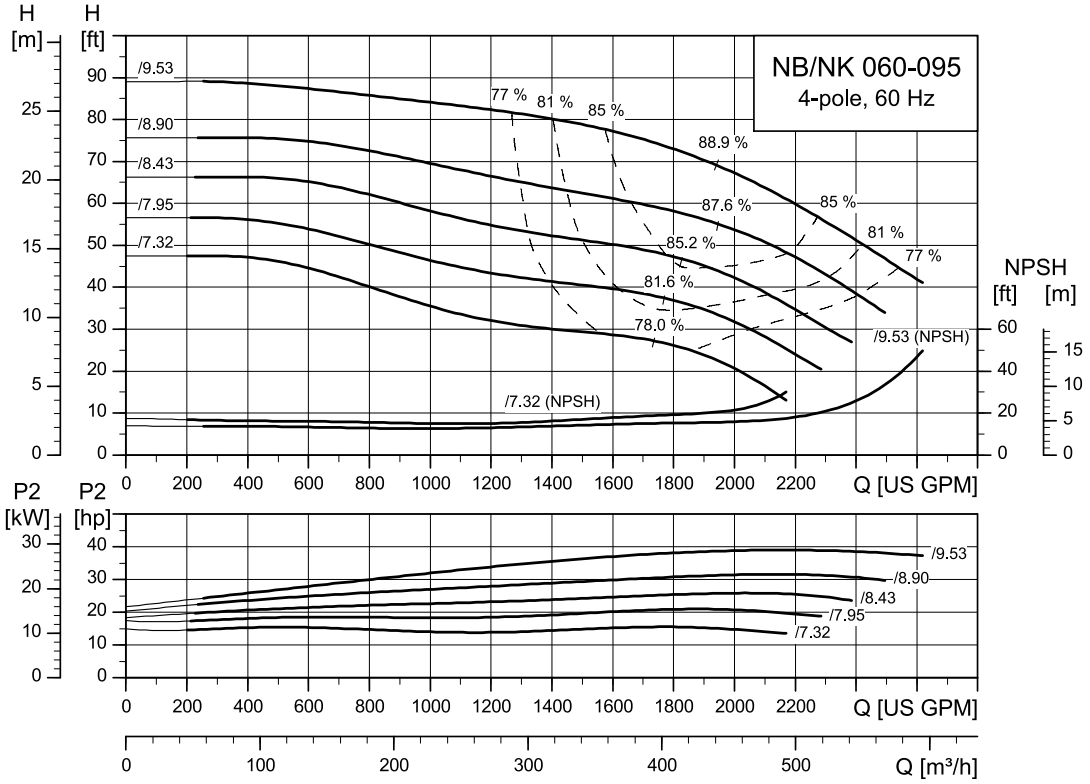
TM085980

NK 050-150



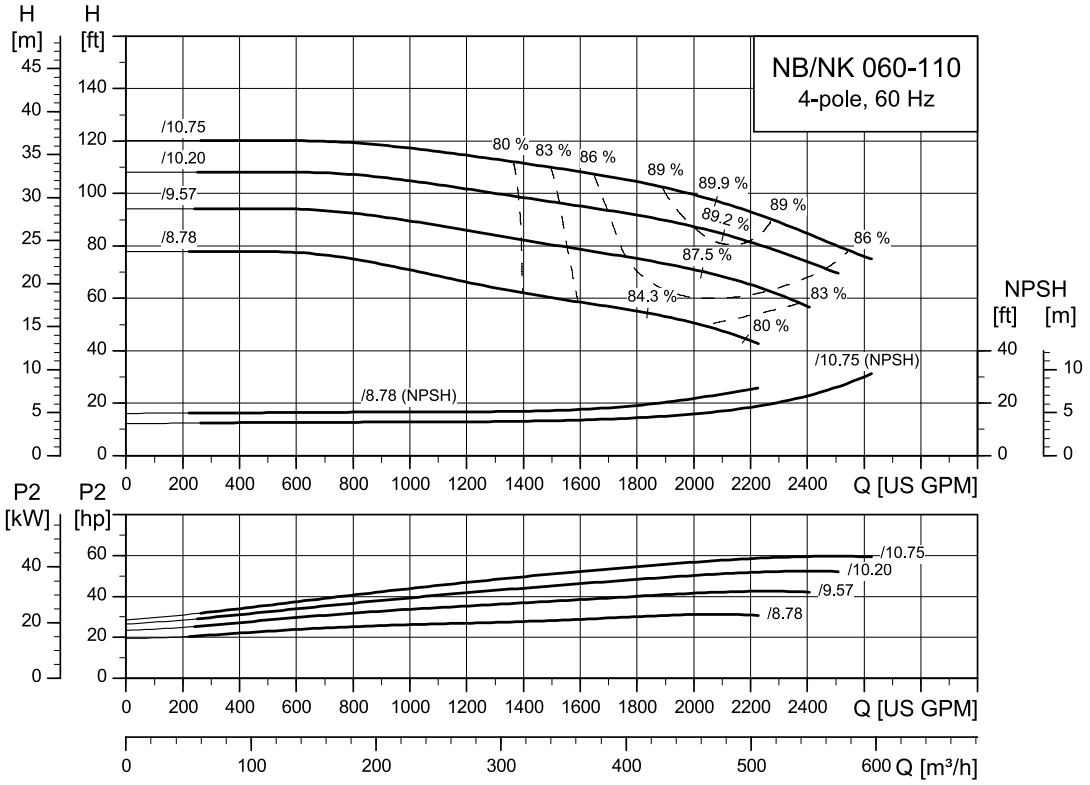
TM085981

NB, NK 060-095



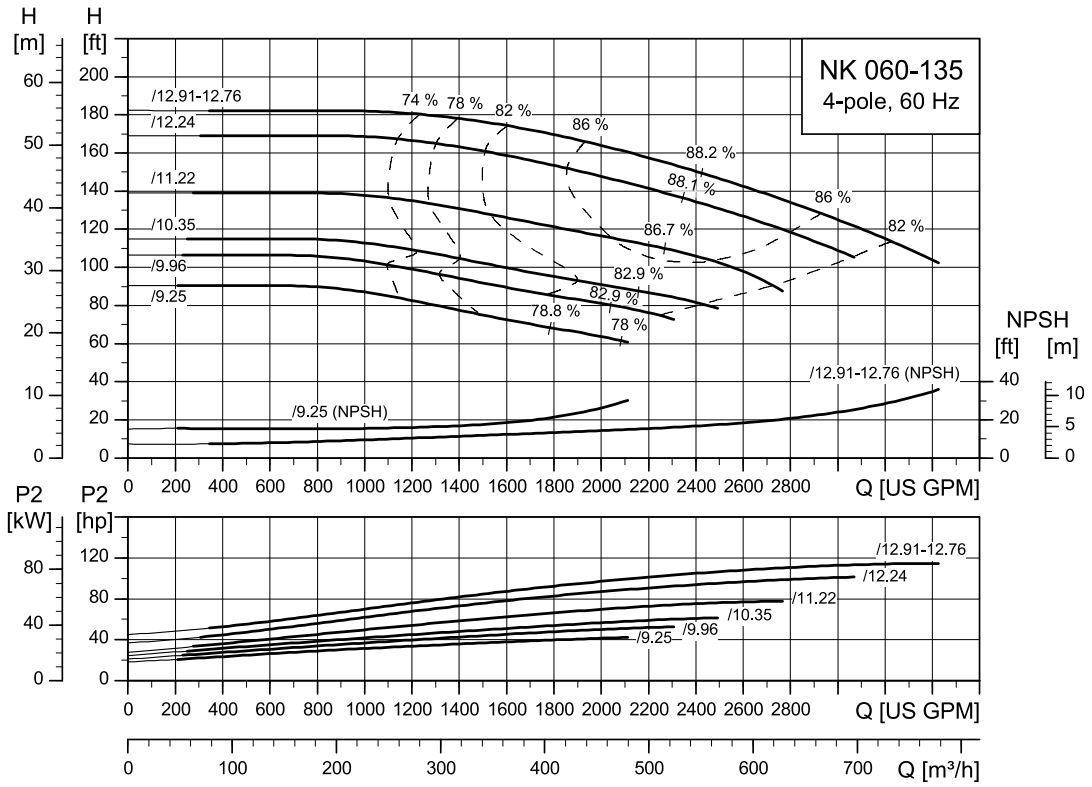
TM085982

NB, NK 060-110



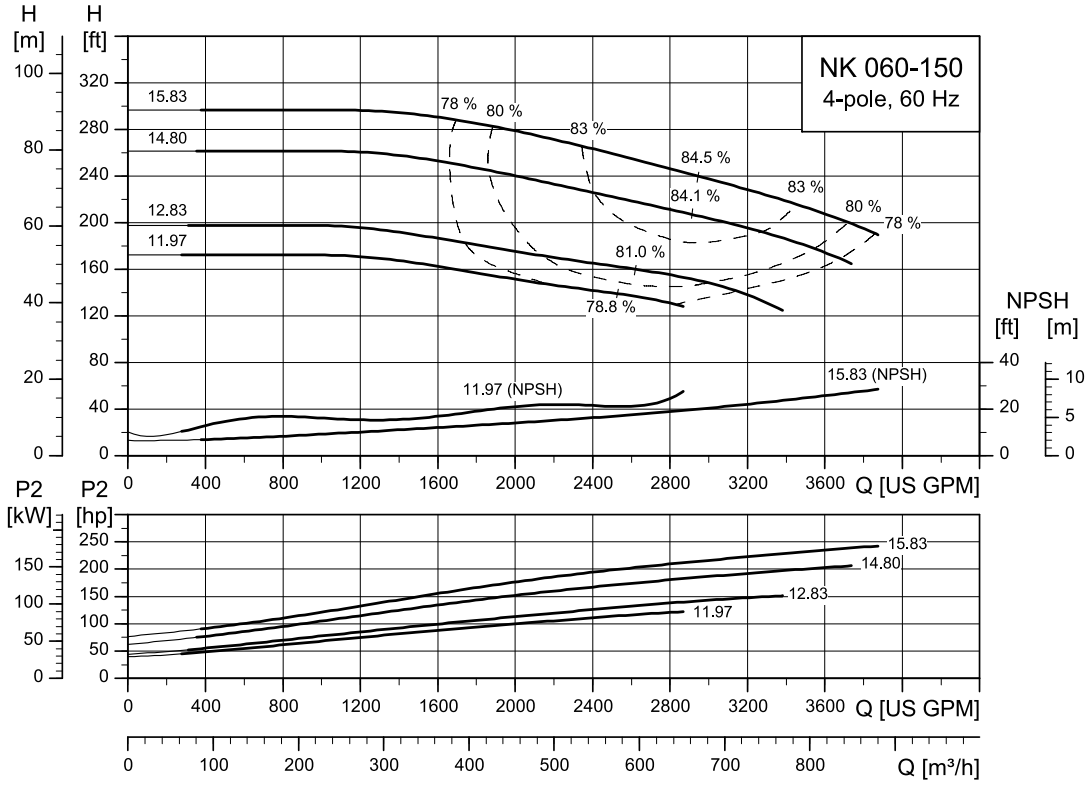
TM085983

NK 060-135



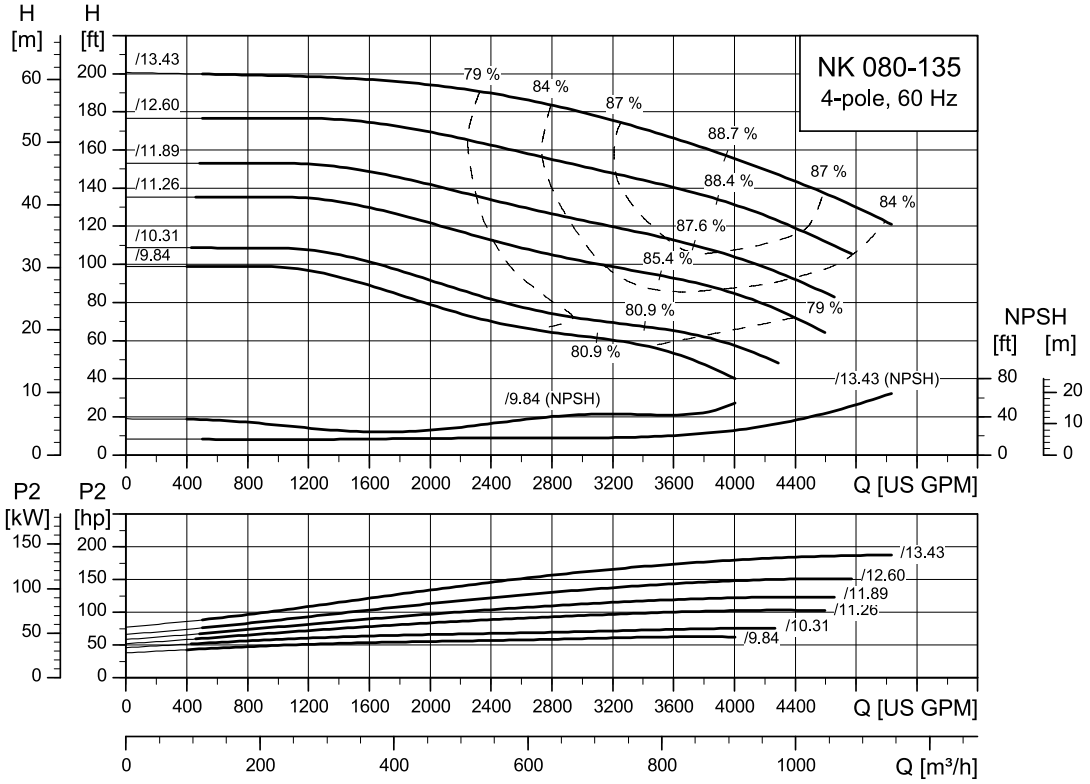
TM085984

NK 060-150



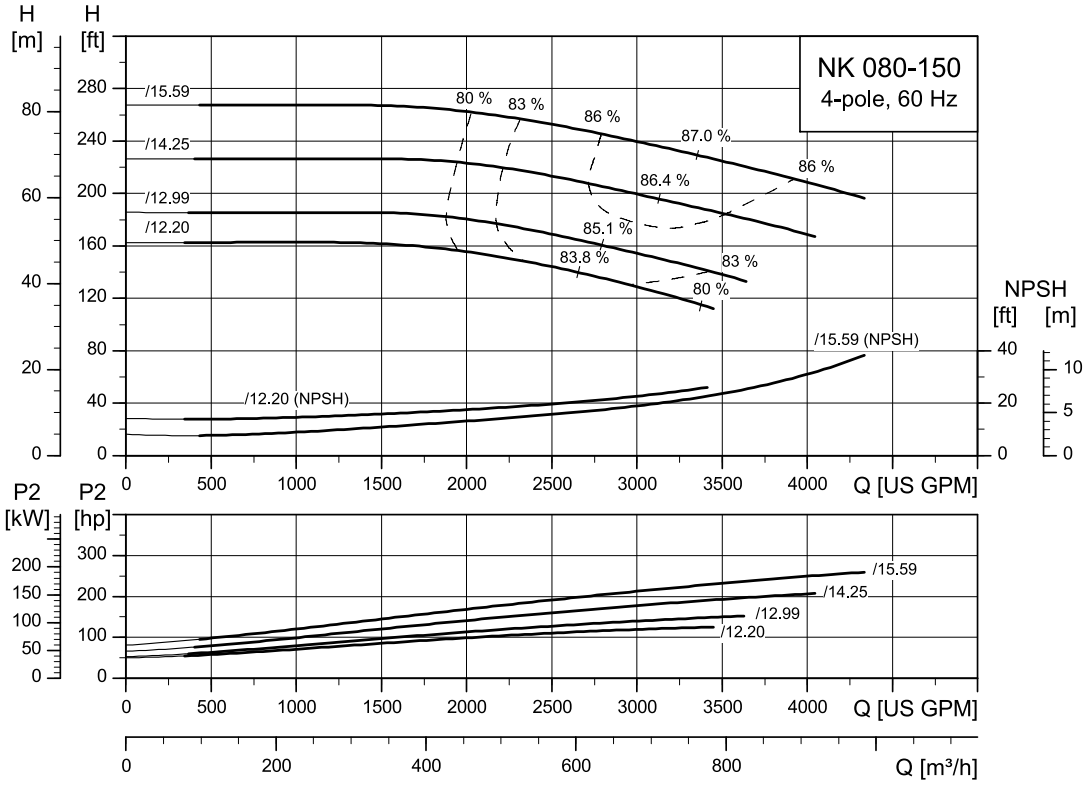
TM085985

NK 080-135



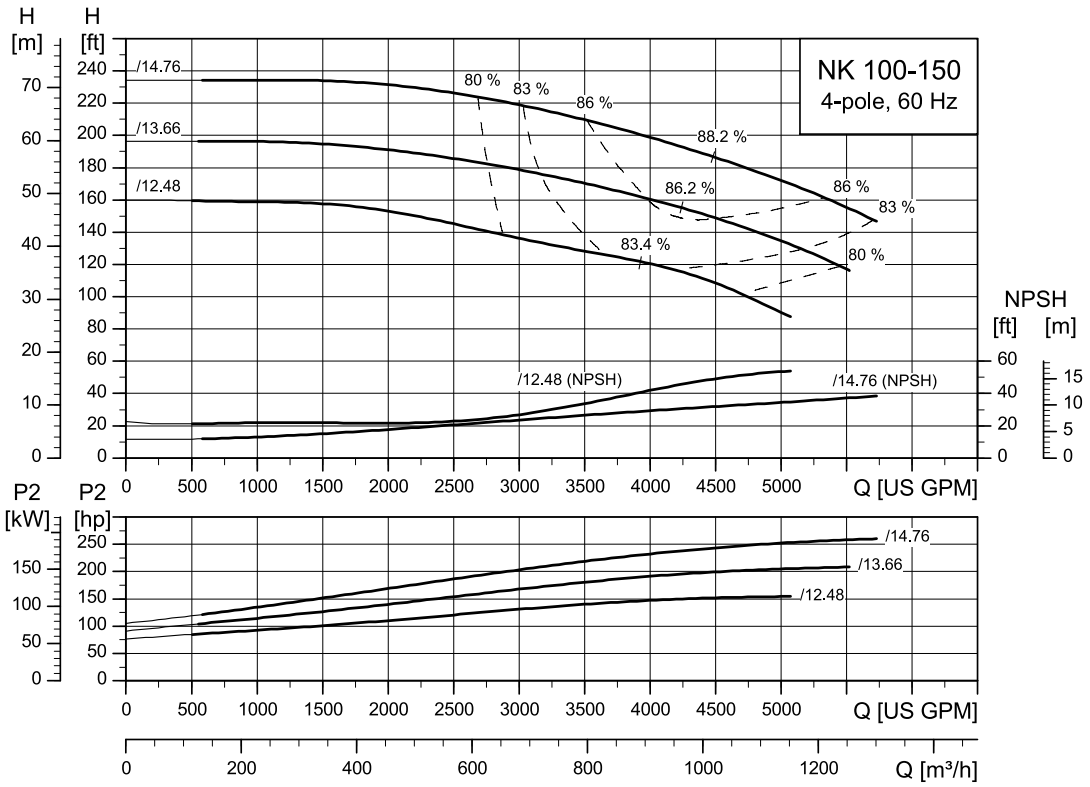
TM085986

NK 080-150



TM085987

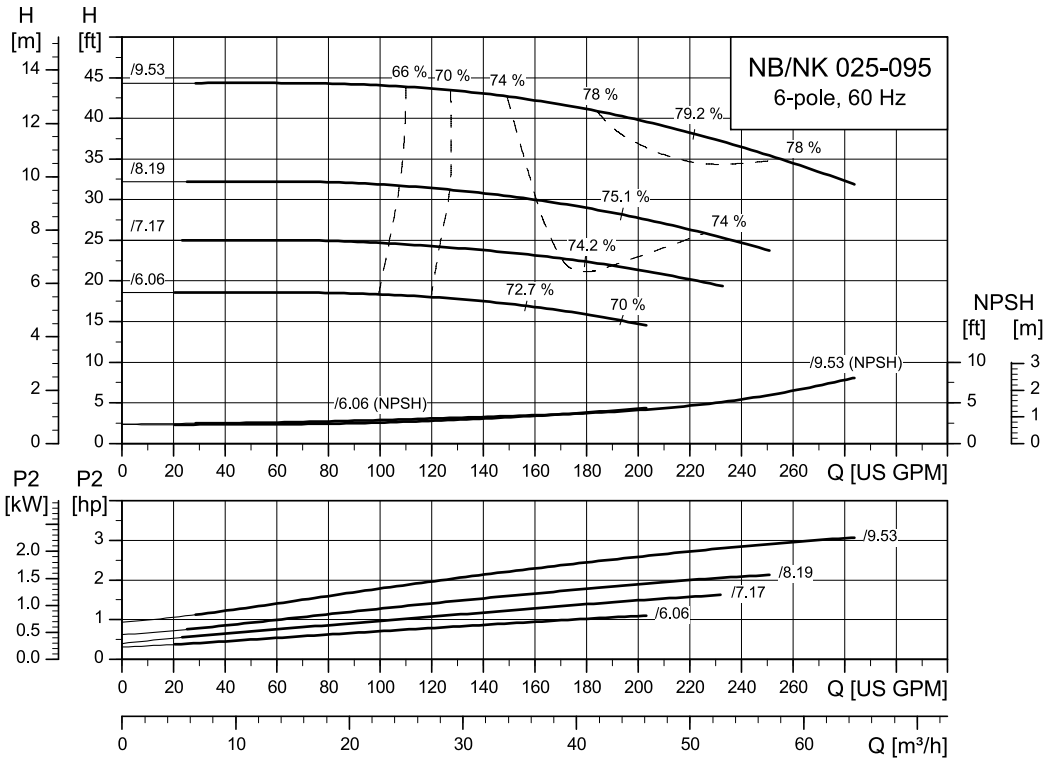
NK 100-150



TM085988

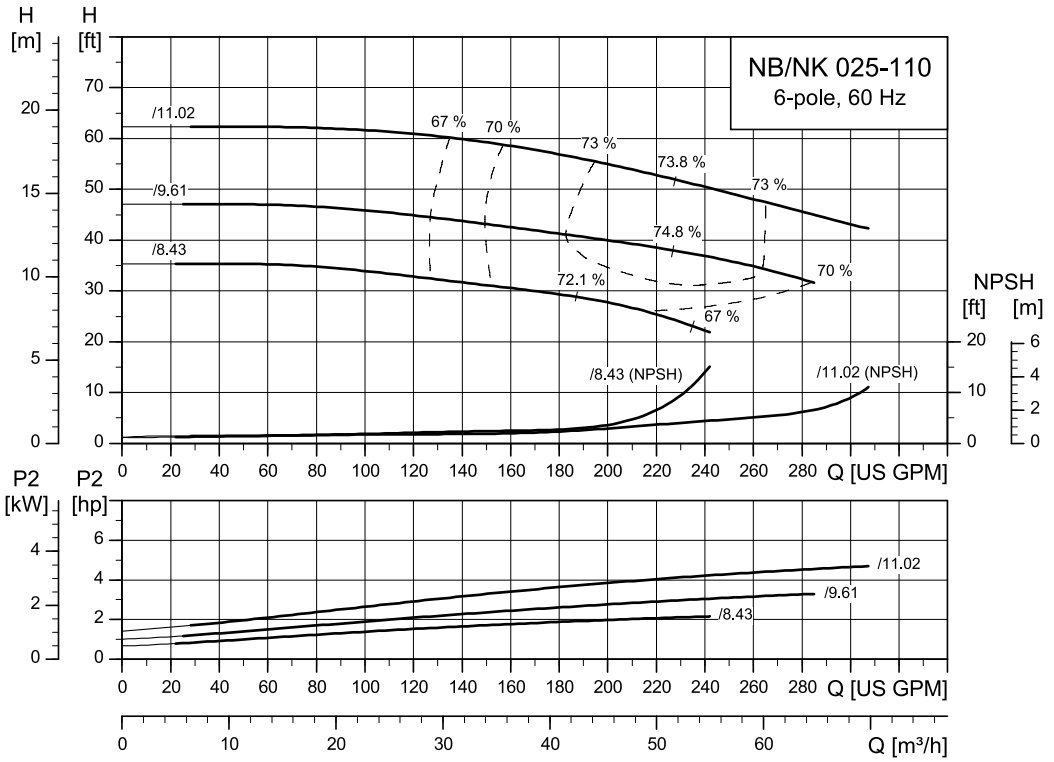
6-pole

NB, NK 025-095



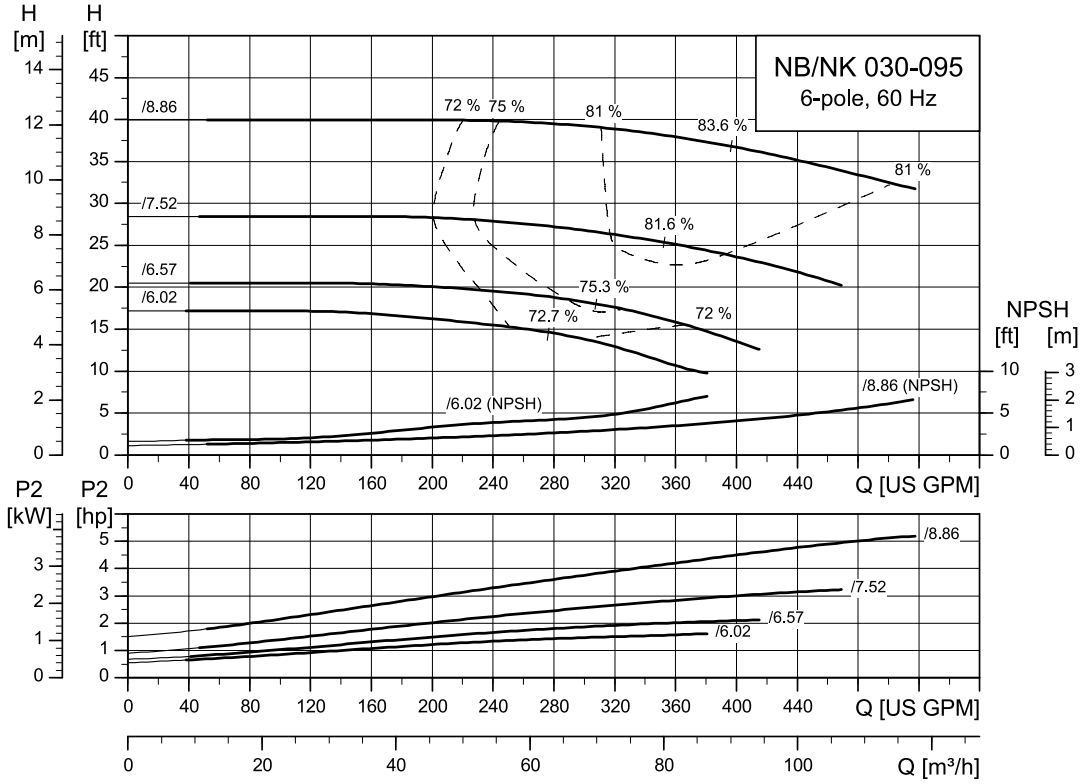
TM085989

NB, NK 025-110



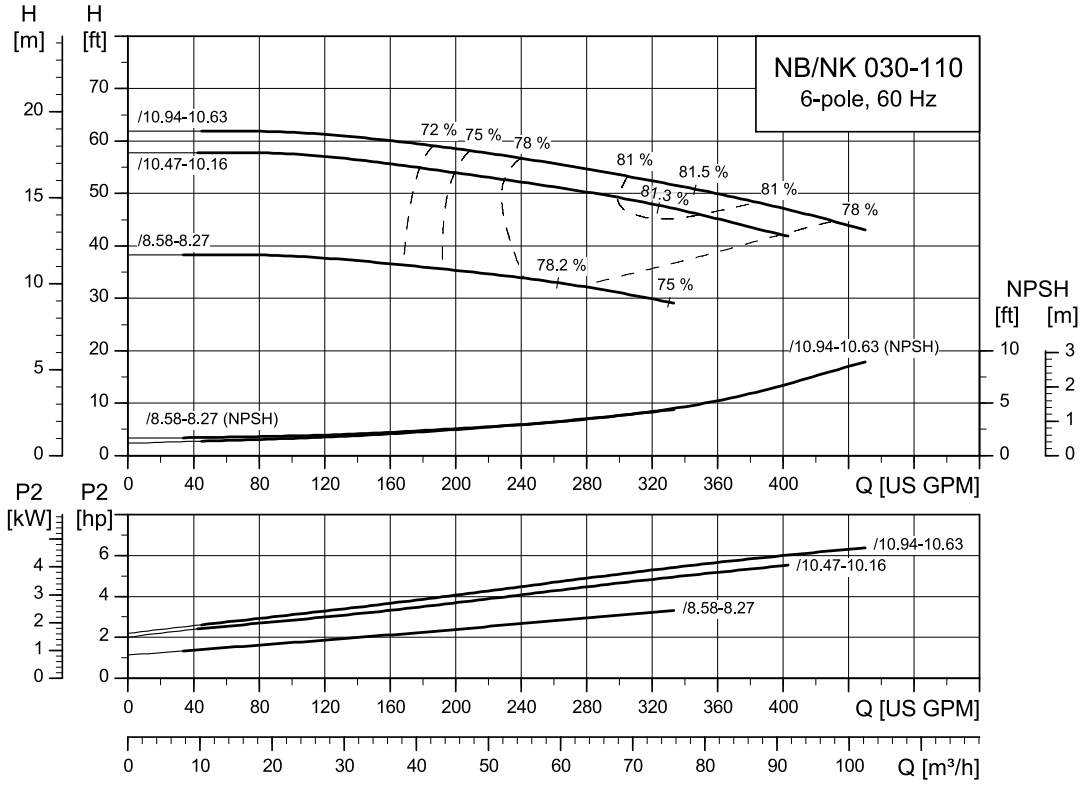
TM085990

NB, NK 030-095



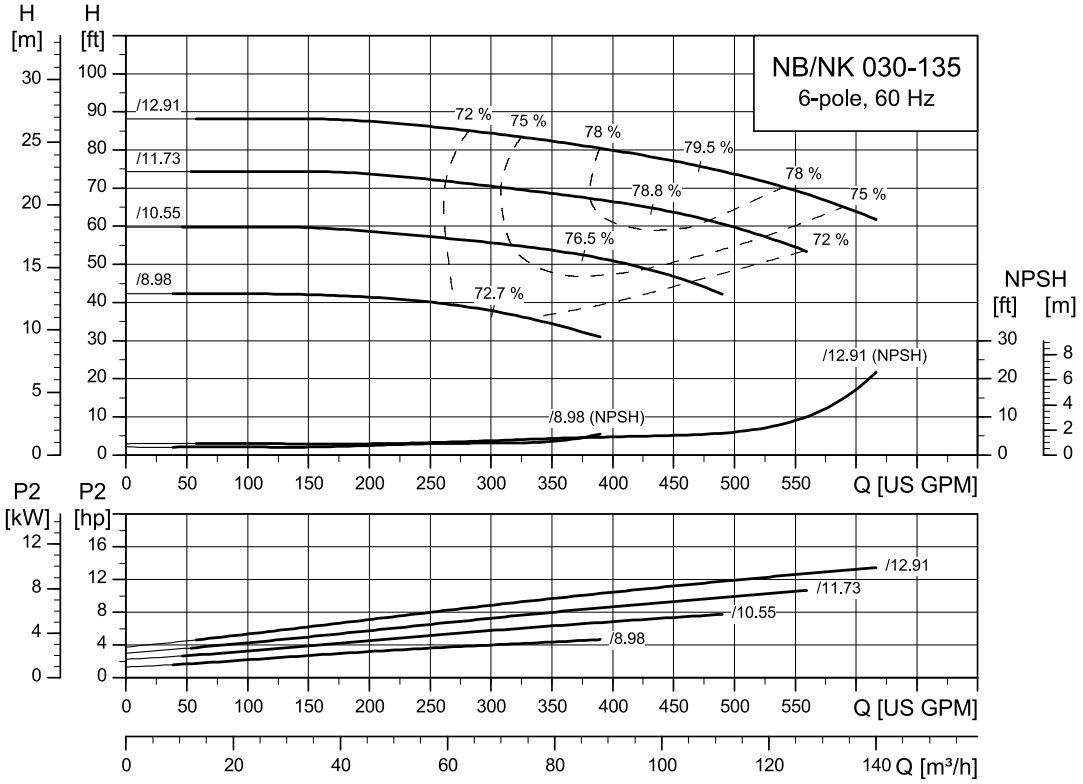
TM085991

NB, NK 030-110



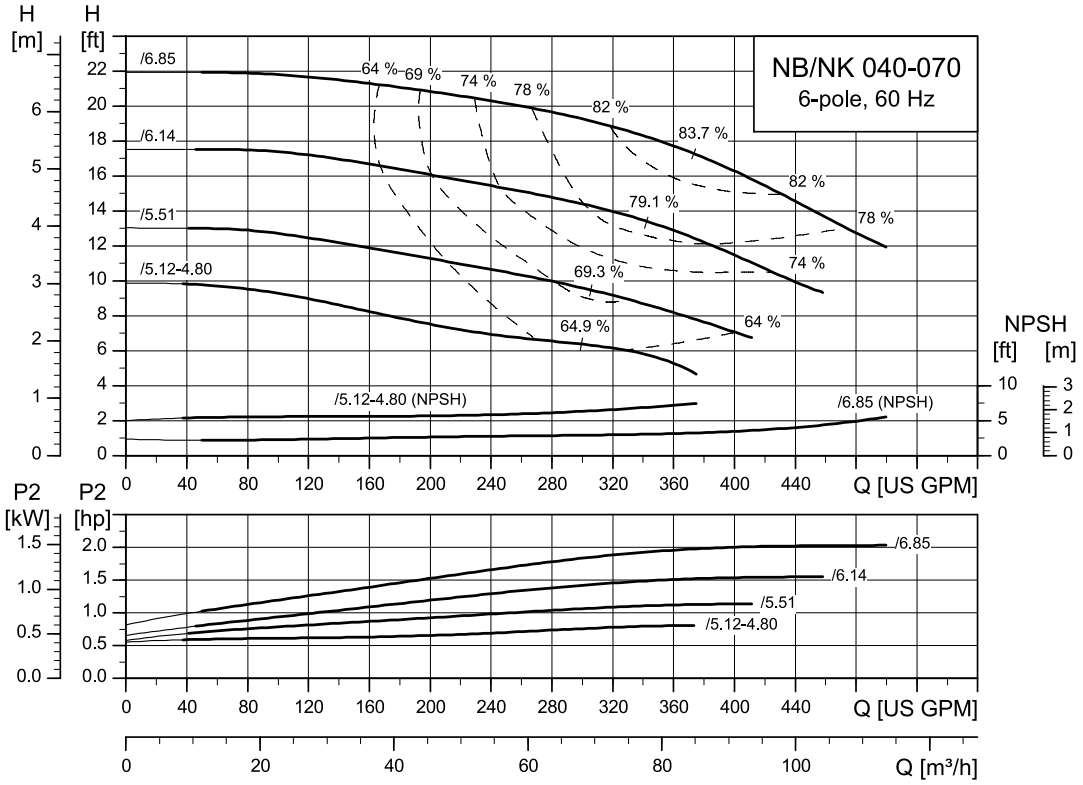
TM085992

NB, NK 030-135



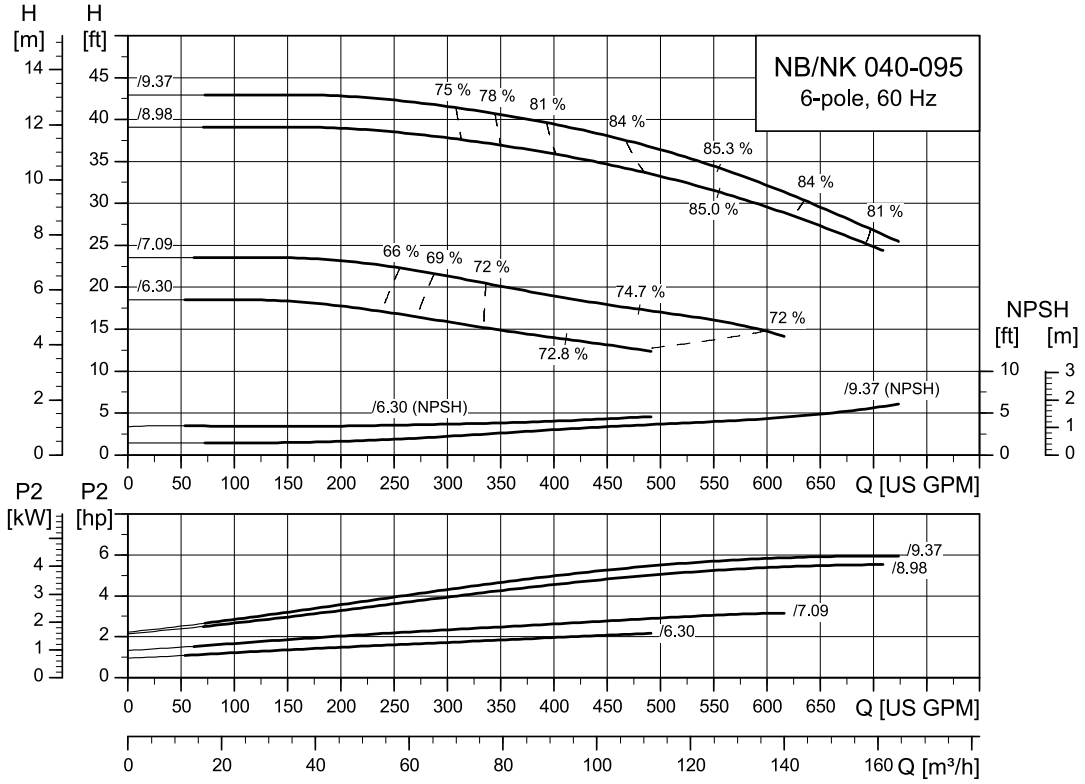
TM085993

NB, NK 040-070



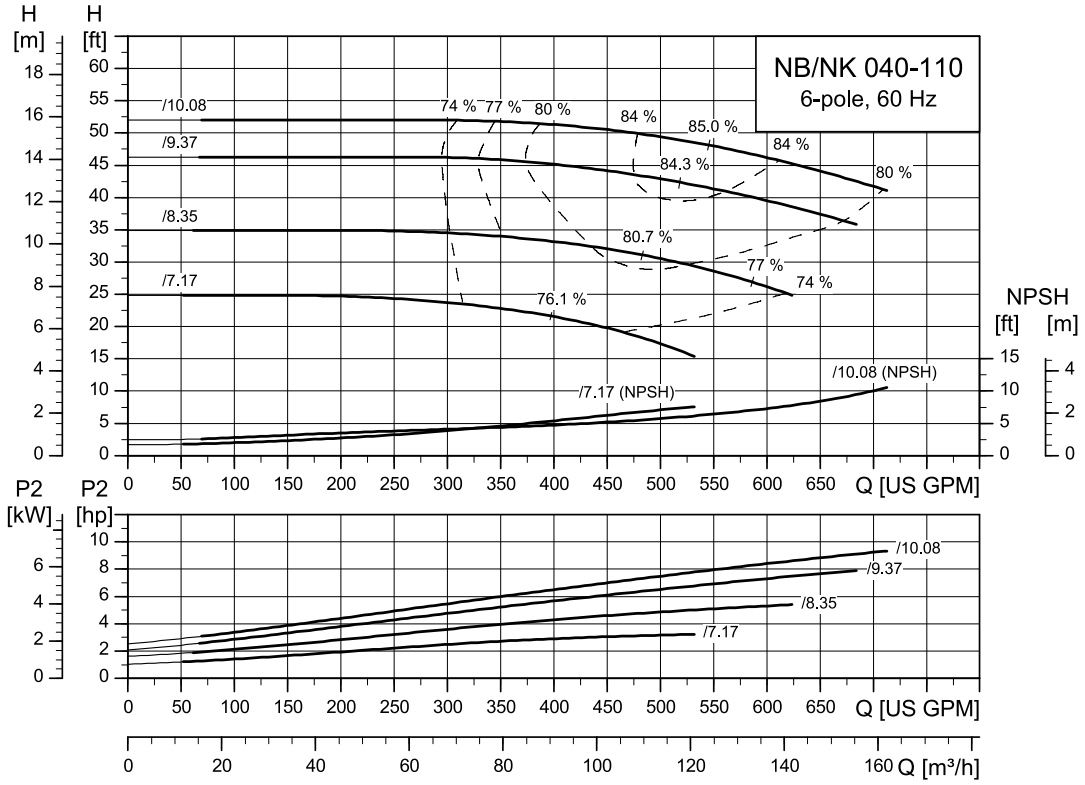
TM085994

NB, NK 040-095



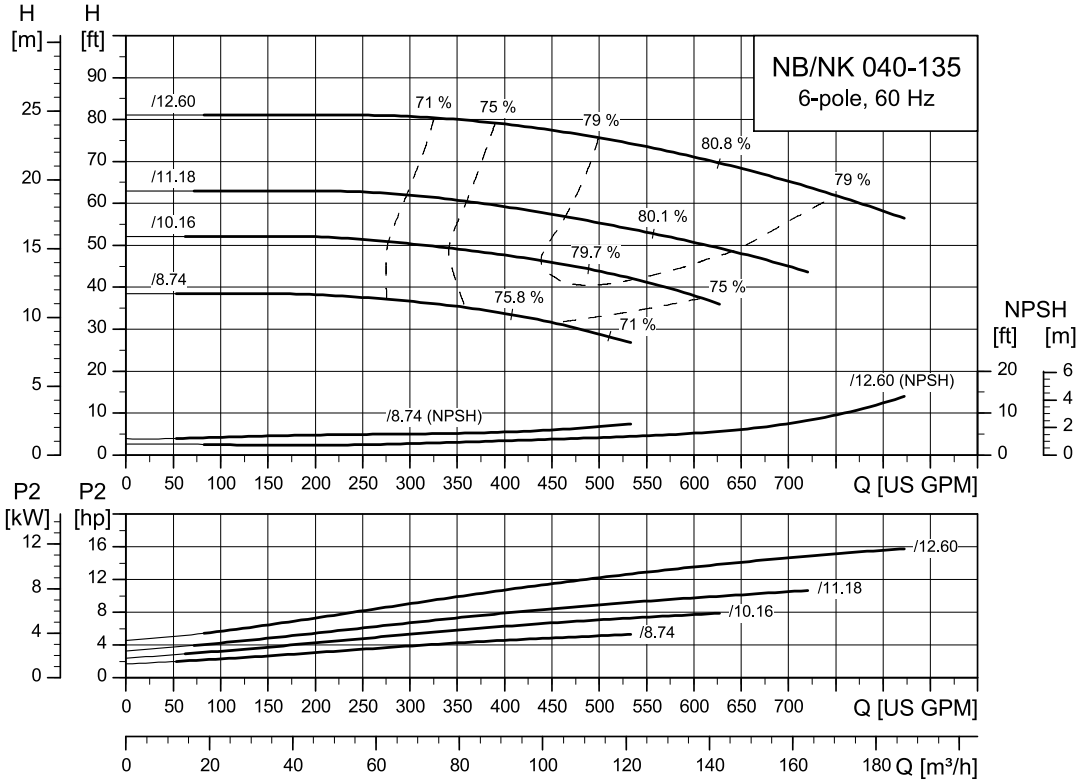
TM085995

NB, NK 040-110



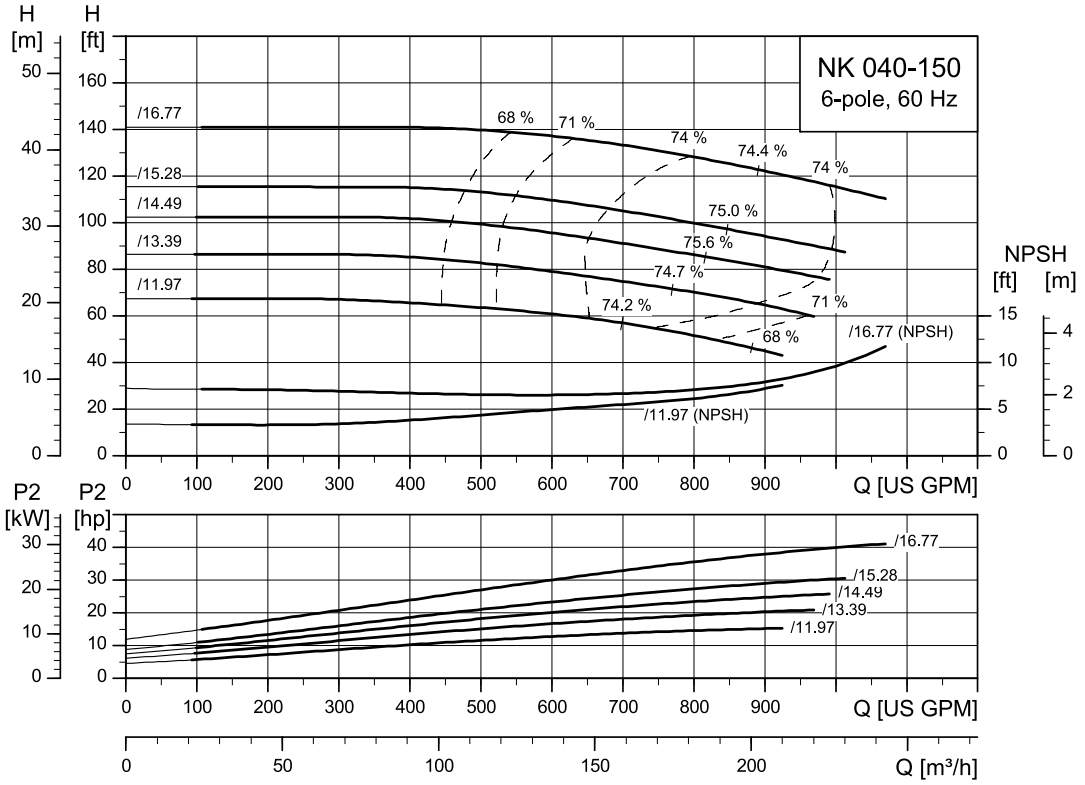
TM085996

NB, NK 040-135



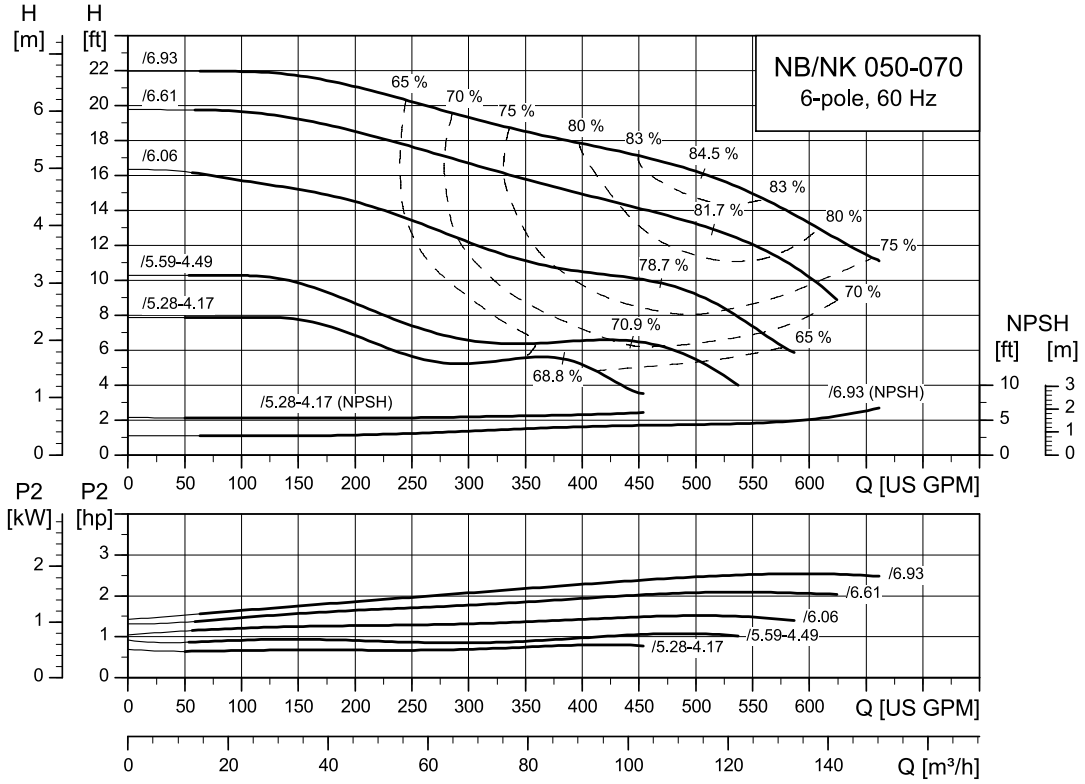
TM085997

NK 040-150



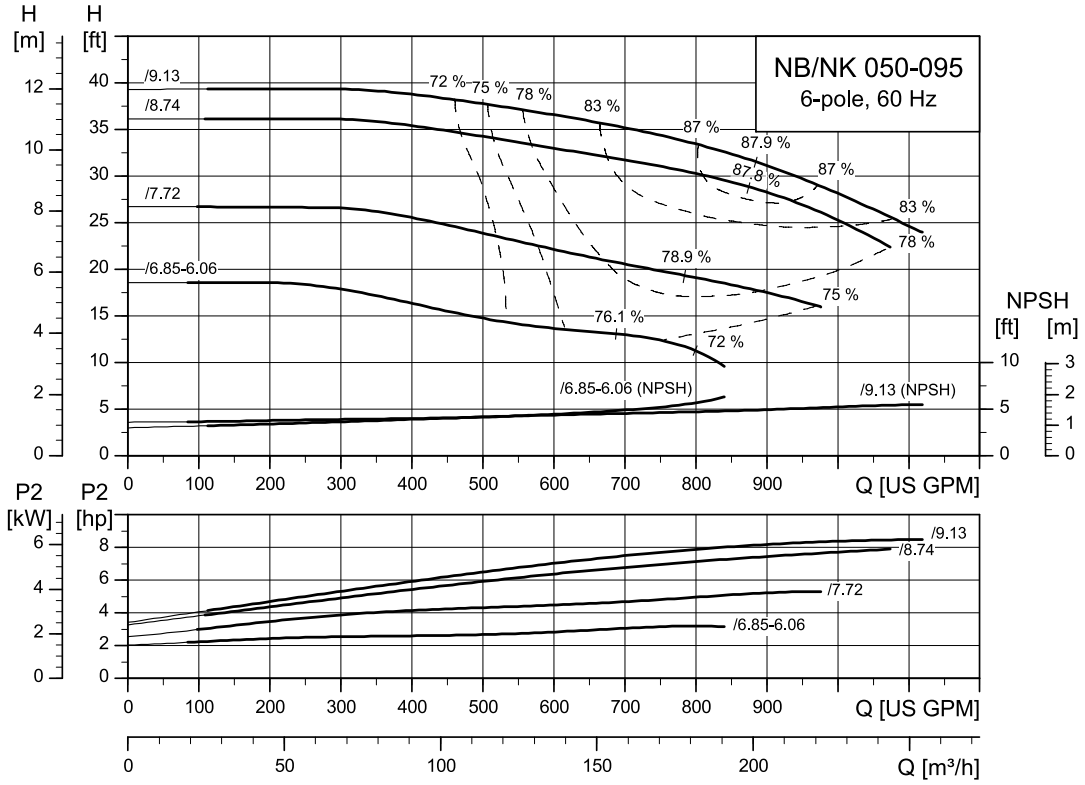
TM085998

NB, NK 050-070



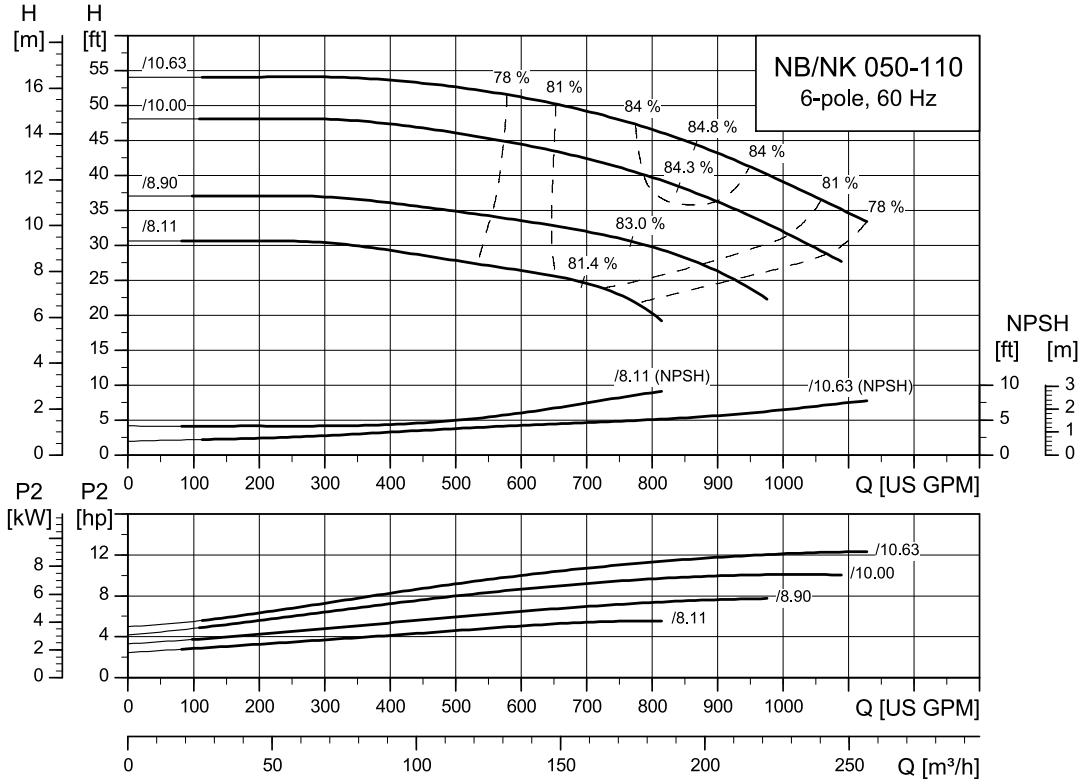
TM085999

NB, NK 050-095



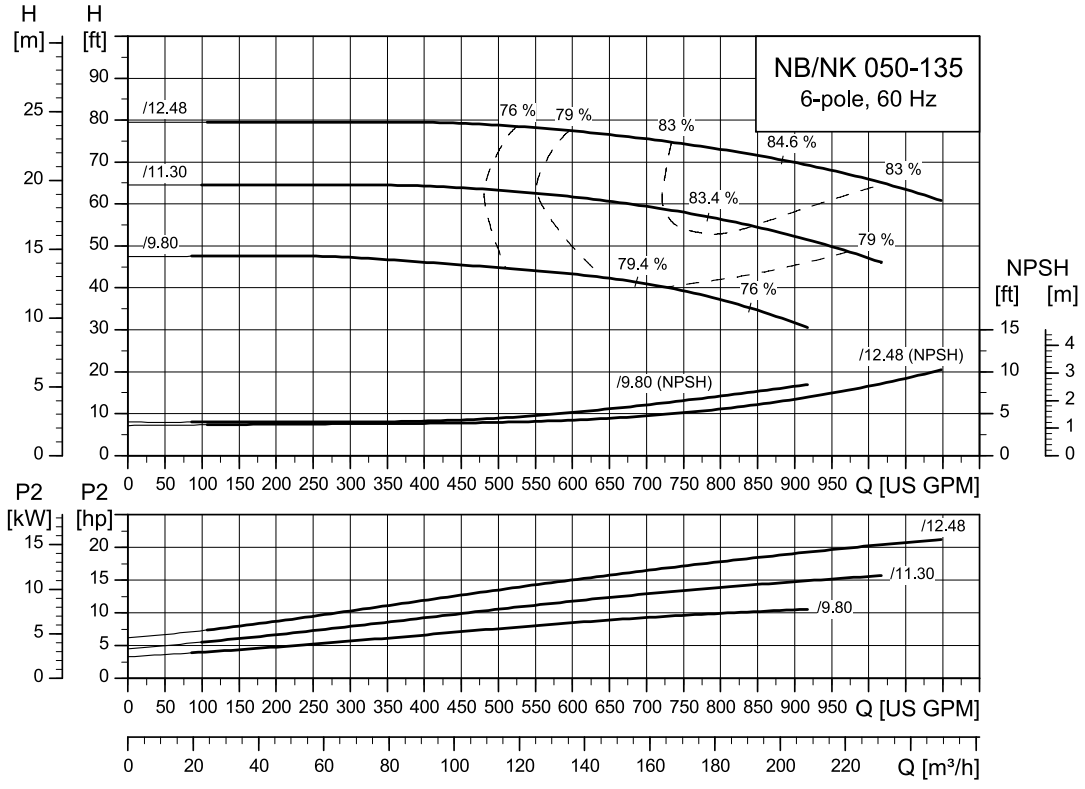
TM086000

NB, NK 050-110



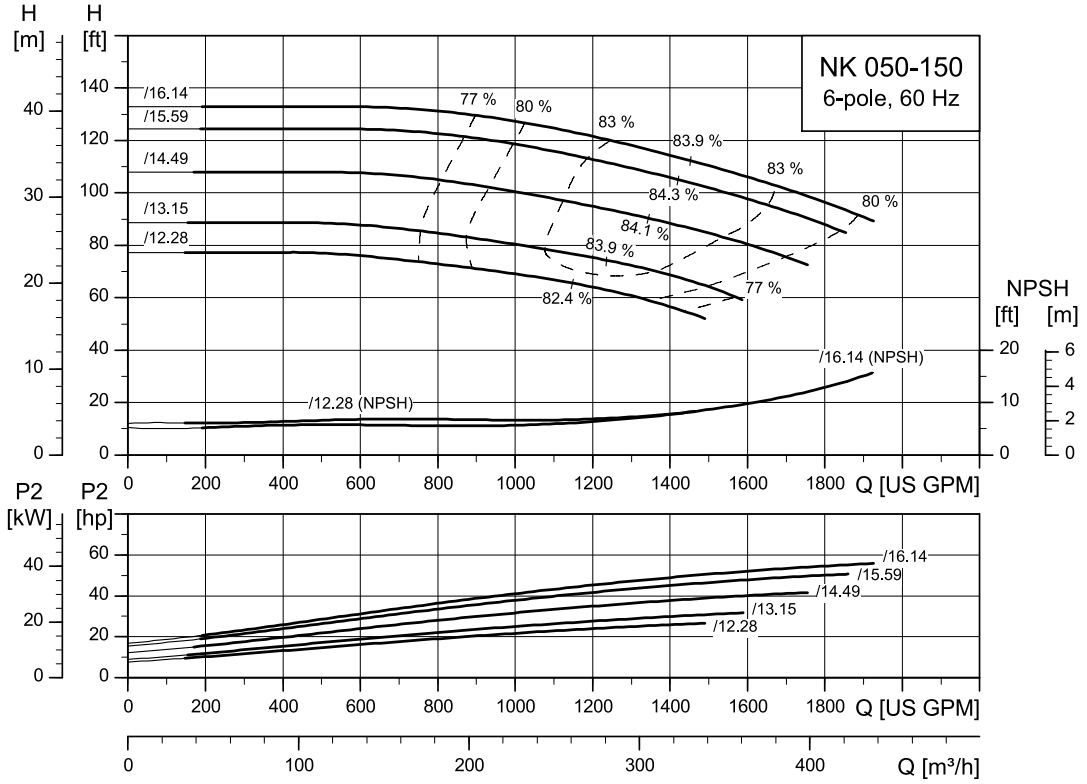
TM086001

NB, NK 050-135



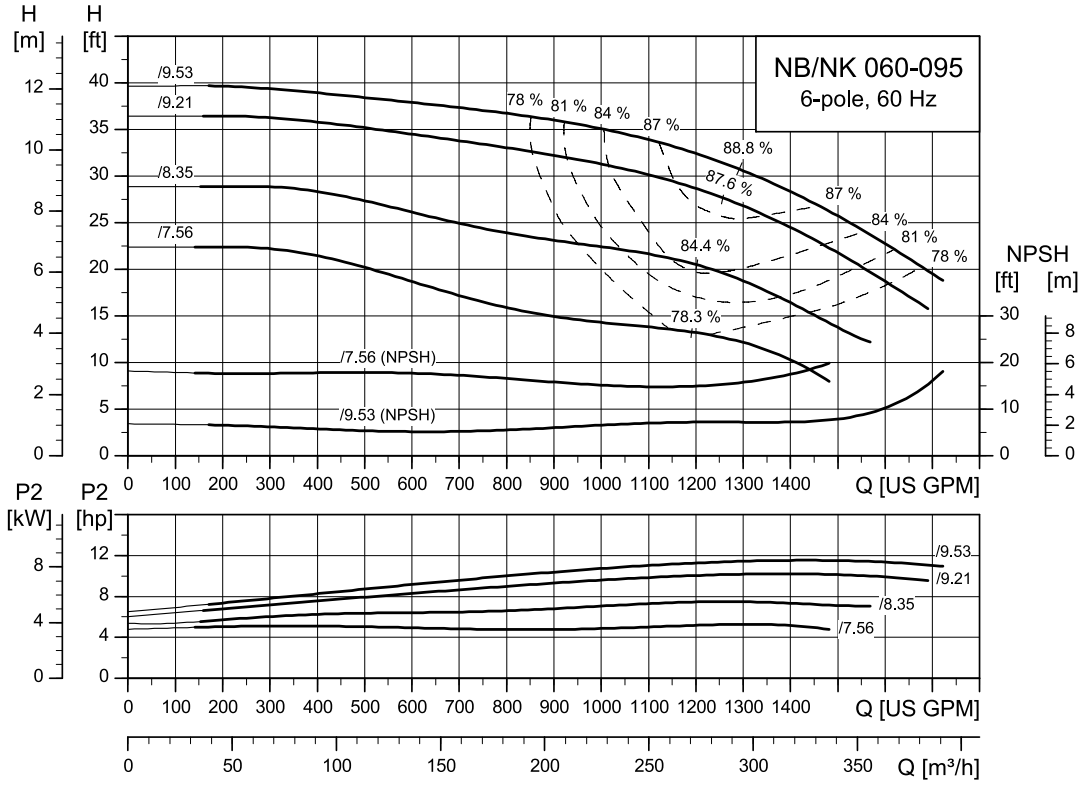
TM086002

NK 050-150



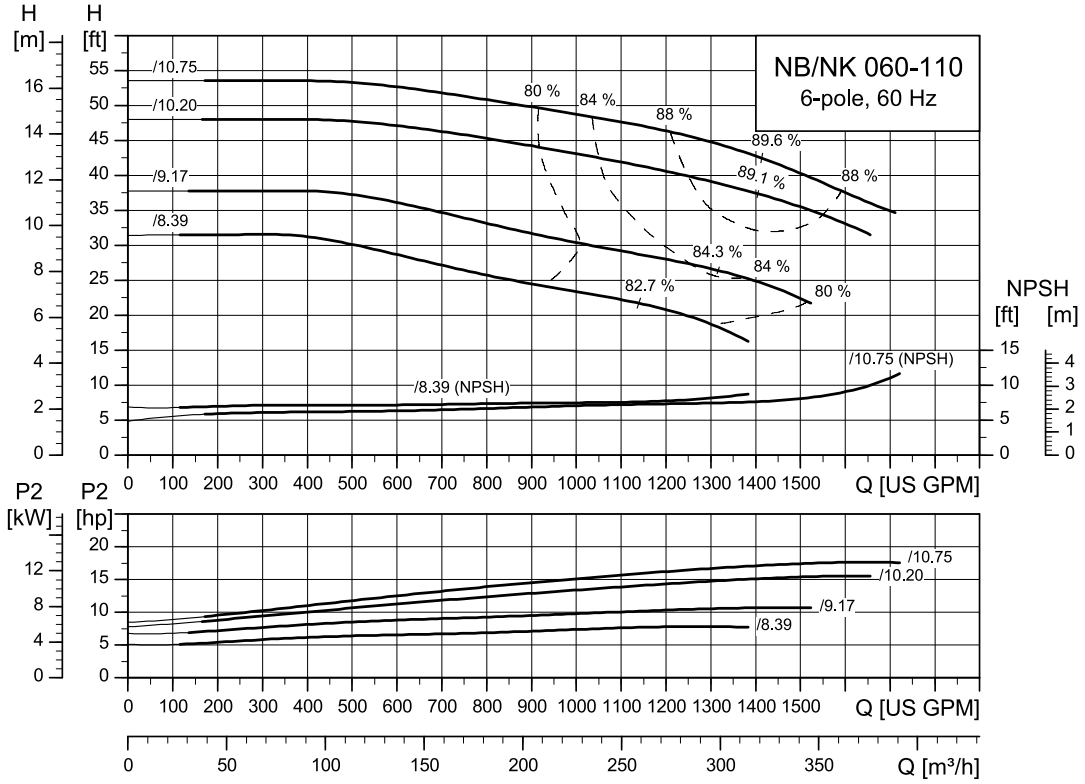
TM086003

NB, NK 060-095



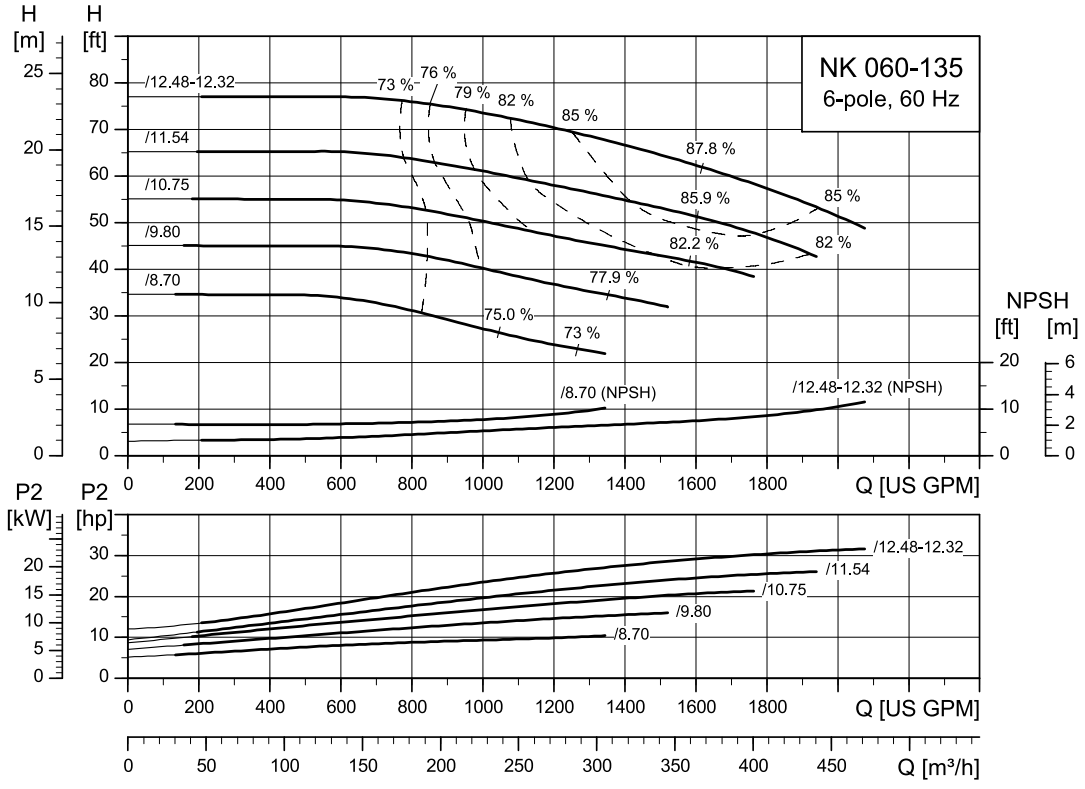
TM086004

NB, NK 060-110



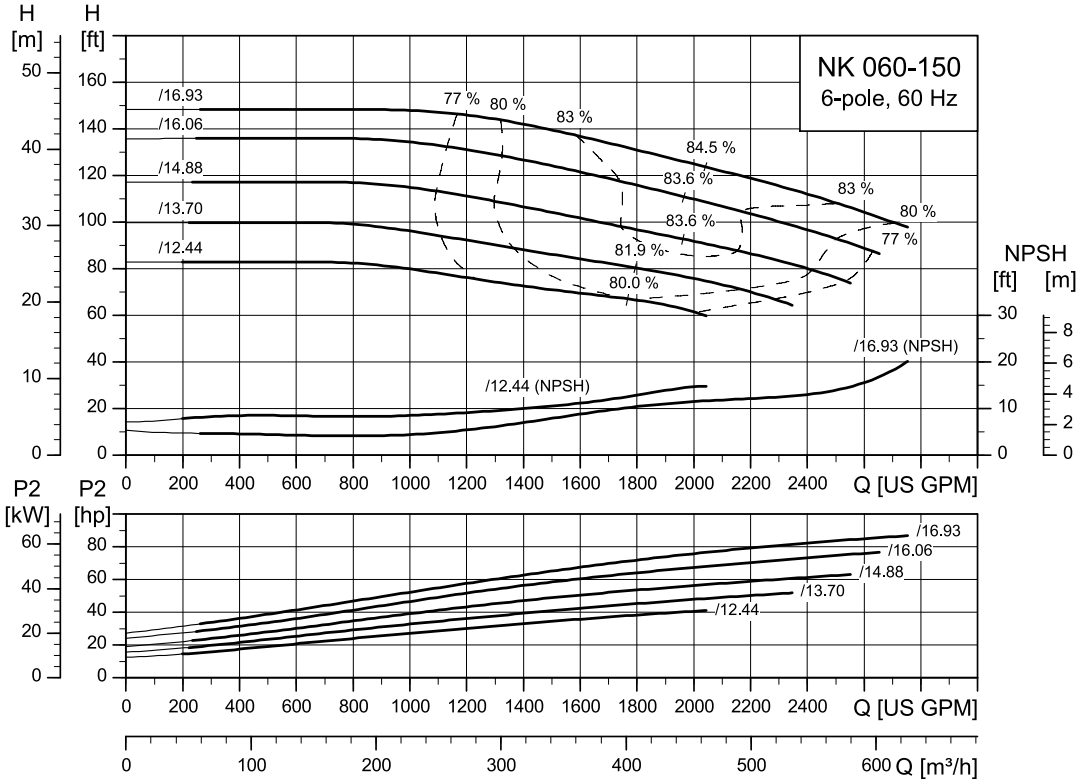
TM086005

NK 060-135



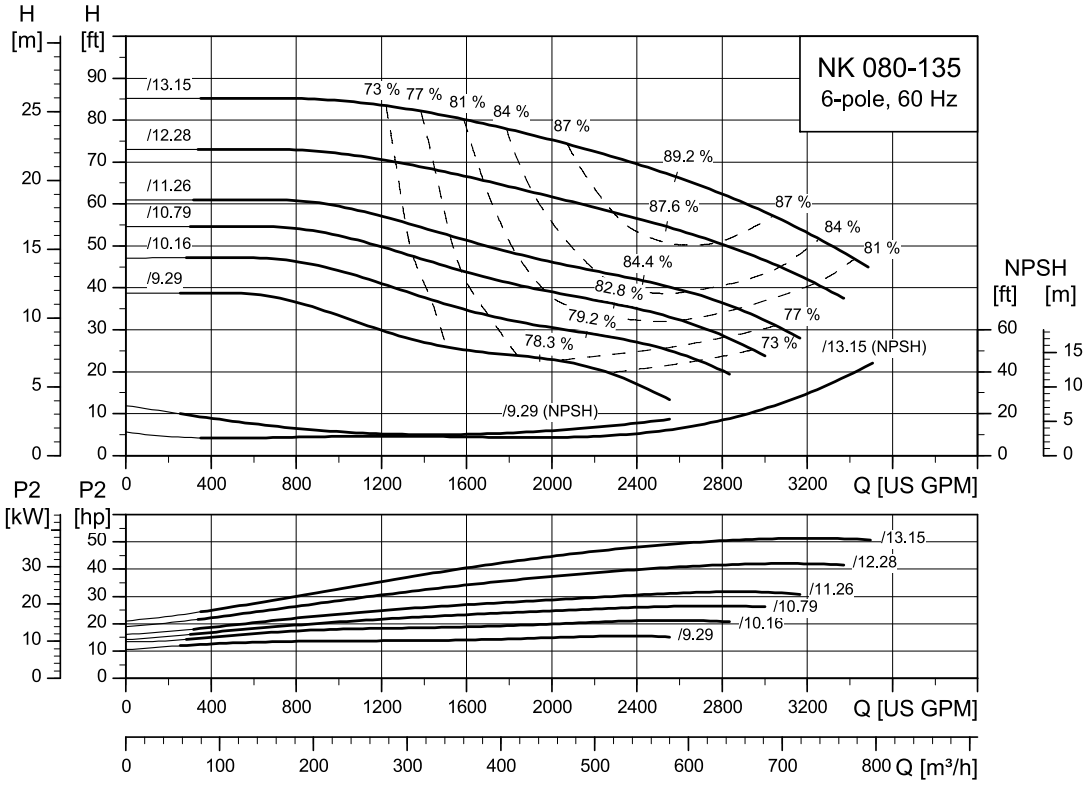
TM086006

NK 060-150



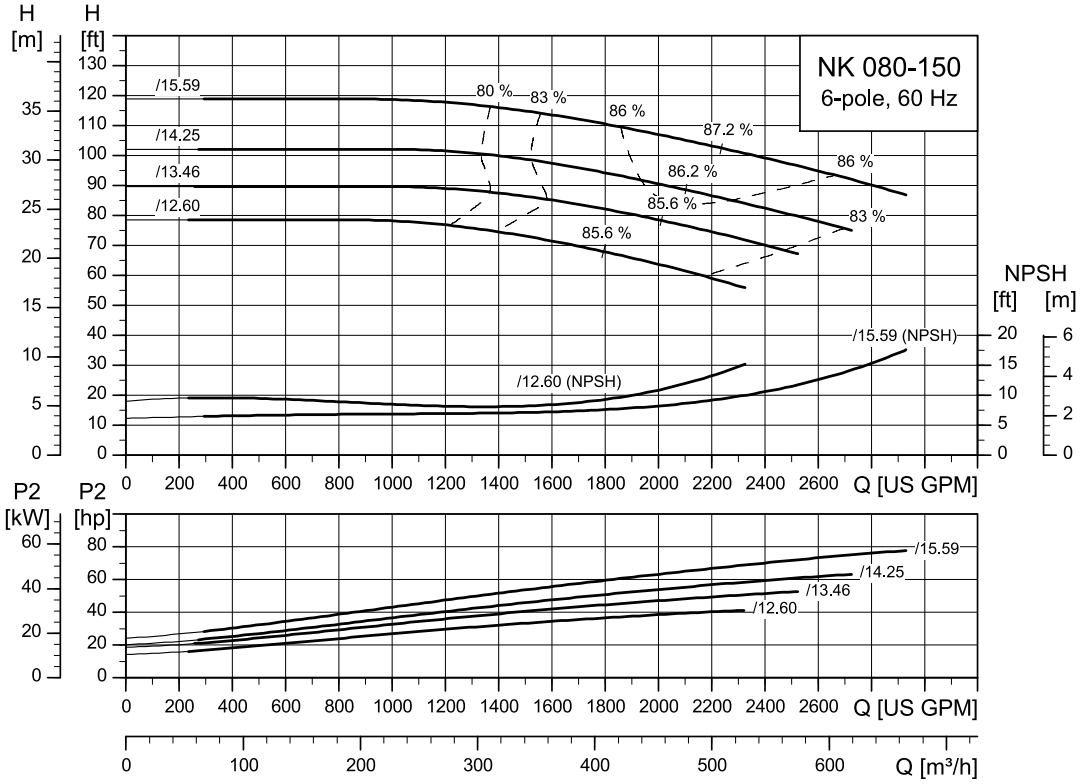
TM086007

NK 080-135



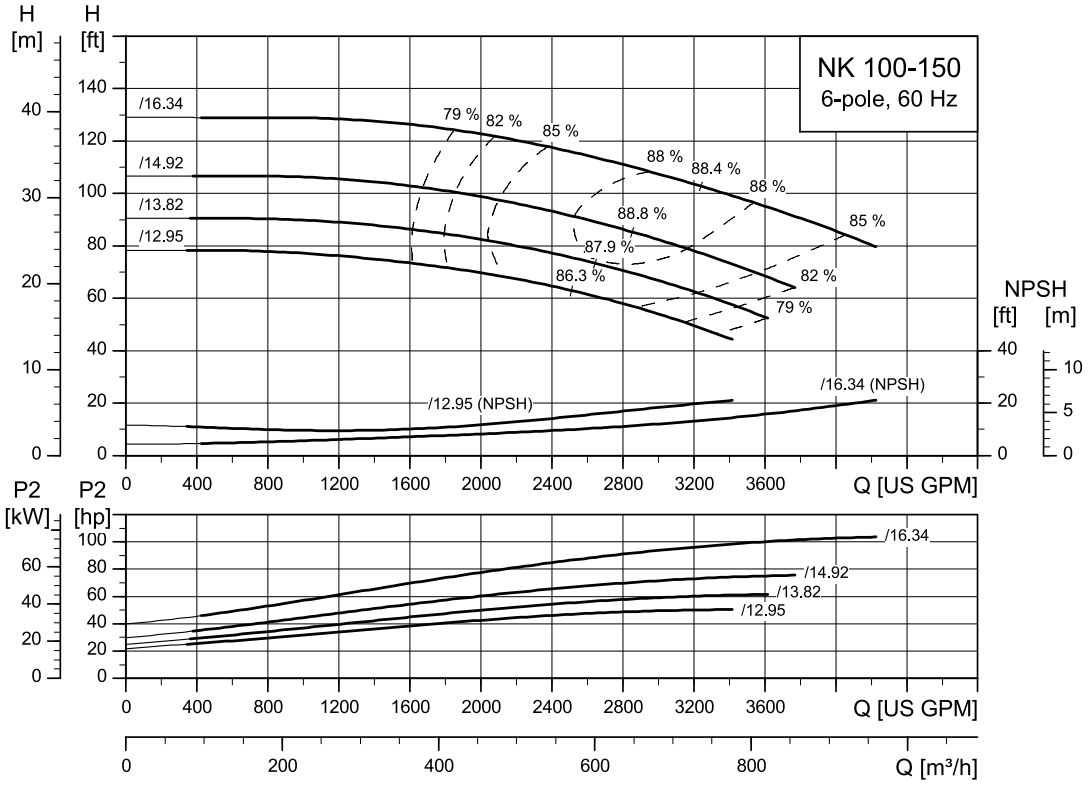
TM086008

NK 080-150



TM086009

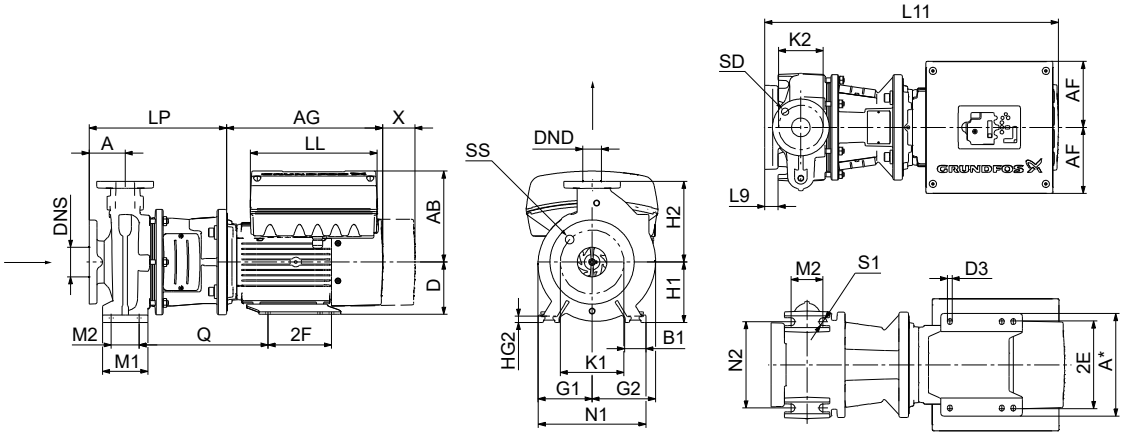
NK 100-150



TM086010

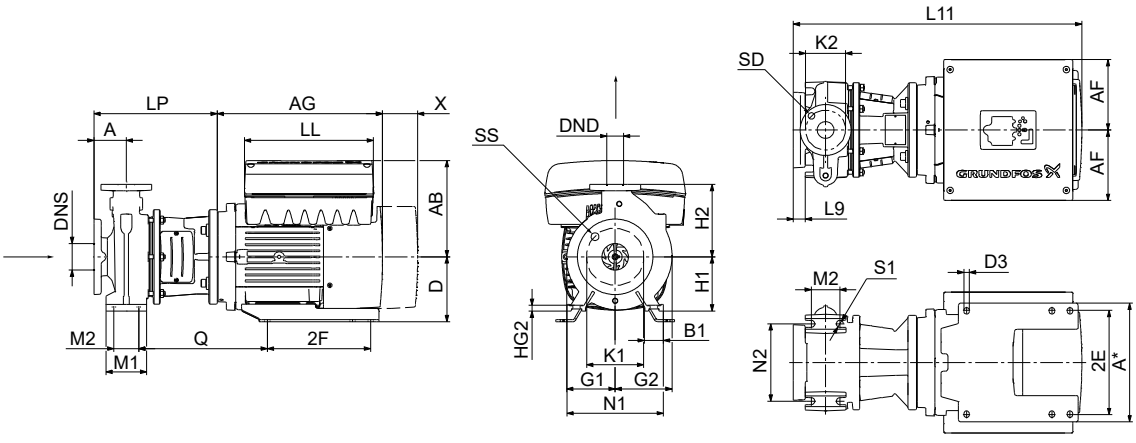
16. Dimensional drawings and technical data

NBE, dimensional drawings



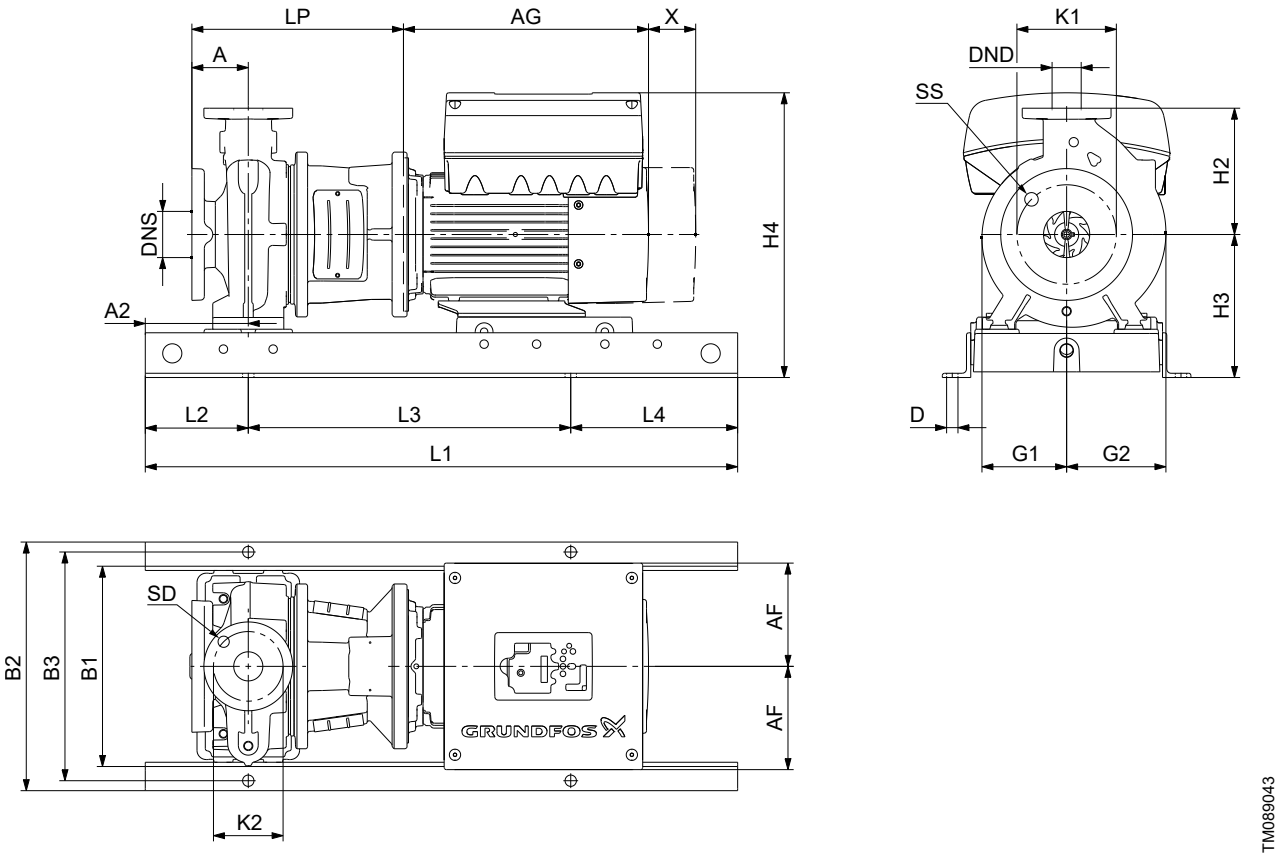
TM086982

Mounting design A (H1>D)



TM086981

Mounting design A (H1<D)



Mounting design F

Dimensions for NBE pumps with TEFC motor (460 V), MLE, mounting design A

For more dimensions, see Section *16.17 Flange and bare pump dimensions*.

Dimensions in inch.

Pump size	Pole	P2 [hp]	MLE specific dimensions			General dimensions [inch] [30]												
			AB-MLE	AF	LL	LP	AG	X	Q	2F	D	T	B1	L11	W1	D3	2E	A*
012-070	2	3	6.2	5.3	9.1	11.7	10.8	3.9	10.8	4.5	4.5	4.8	2.0	25.8	10.6	0.4	7.5	8.8
		5	7.9	5.7	11.0	11.7	13.3	3.9	10.8	4.5	4.5	7.5	2.0	25.8	11.5	0.4	7.5	8.9
		7.5	7.9	5.7	11.0	11.7	14.6	3.9	11.7	5.5	5.3	7.5	2.0	29.4	11.5	0.4	8.5	10.0
		7.5	7.9	5.7	11.0	11.7	14.6	3.9	11.7	5.5	5.3	7.5	2.0	29.4	11.5	0.4	8.5	10.0
		10	9.3	6.8	12.5	11.7	15.6	3.9	11.7	5.5	5.3	10.0	2.0	29.4	13.6	0.4	8.5	10.0
		15	9.3	6.8	12.5	12.3	15.6	3.9	12.8	8.3	6.3	10.0	2.0	33.4	13.6	0.5	10.0	11.5
		15	9.3	6.8	12.5	12.3	15.6	3.9	12.8	8.3	6.3	10.0	2.0	33.4	13.6	0.5	10.0	11.5
	4	1.5	6.2	5.3	9.1	11.7	10.8	3.9	10.8	4.5	4.5	4.8	2.0	25.8	10.6	0.4	7.5	8.8
		2	6.2	5.3	9.1	11.7	10.8	3.9	10.8	4.5	4.5	4.8	2.0	25.8	10.6	0.4	7.5	8.8
015-070	2	5	7.9	5.7	11.0	11.7	13.3	3.9	10.8	4.5	4.5	7.5	2.0	25.8	11.5	0.4	7.5	8.9
		7.5	7.9	5.7	11.0	11.7	14.6	3.9	11.7	5.5	5.3	7.5	2.0	29.4	11.5	0.4	8.5	10.0
		10	9.3	6.8	12.5	11.7	15.6	3.9	11.7	5.5	5.3	10.0	2.0	29.4	13.6	0.4	8.5	10.0
		15	9.3	6.8	12.5	12.3	15.6	3.9	12.8	8.3	6.3	10.0	2.0	33.4	13.6	0.5	10.0	11.5
	4	1.5	6.2	5.3	9.1	11.7	10.8	3.9	10.8	4.5	4.5	4.8	2.0	25.8	10.6	0.4	7.5	8.8
		2	6.2	5.3	9.1	11.7	10.8	3.9	10.8	4.5	4.5	4.8	2.0	25.8	10.6	0.4	7.5	8.8
		3	7.9	5.7	11.0	11.7	13.3	3.9	10.8	4.5	4.5	7.5	2.0	25.8	11.5	0.4	7.5	8.9
		5	7.9	5.7	11.0	11.7	13.3	3.9	10.8	4.5	4.5	7.5	2.0	25.8	11.5	0.4	7.5	8.9
015-090	2	15	9.3	6.8	12.5	13.2	15.6	3.9	12.3	8.3	6.3	10.0	2.6	34.8	13.6	0.5	10.0	11.5
		20	11.9	8.3	16.3	13.2	19.2	3.9	11.8	10.0	6.3	12.4	2.6	34.3	16.5	0.5	10.0	11.3
		25	11.9	8.3	16.3	12.7	20.2	3.9	11.9	9.5	7.0	12.4	2.6	36.3	16.5	0.5	11.0	12.3
		30	11.9	8.3	16.3	12.7	20.2	3.9	11.9	11.0	7.0	12.4	2.6	36.3	16.5	0.5	11.0	12.3
	4	1.5	6.2	5.3	9.1	12.6	10.8	3.9	10.4	4.5	4.5	4.8	2.6	27.6	10.6	0.4	7.5	8.8
		2	6.2	5.3	9.1	12.6	10.8	3.9	10.4	4.5	4.5	4.8	2.6	27.6	10.6	0.4	7.5	8.8
		3	7.9	5.7	11.0	12.6	13.3	3.9	10.4	4.5	4.5	7.5	2.6	27.6	11.5	0.4	7.5	8.9
		5	7.9	5.7	11.0	12.6	13.3	3.9	10.4	4.5	4.5	7.5	2.6	27.6	11.5	0.4	7.5	8.9
		7.5	9.3	6.8	12.5	12.6	15.6	3.9	11.2	5.5	5.3	10.0	2.6	30.3	13.6	0.4	8.5	10.0
		10	9.3	6.8	12.5	12.6	15.6	3.9	11.2	5.5	5.3	10.0	2.6	30.3	13.6	0.4	8.5	10.0
015-095	2	15	9.3	6.8	12.5	13.2	15.6	3.9	12.3	8.3	6.3	10.0	2.6	34.8	13.6	0.5	10.0	11.5
		20	11.9	8.3	16.3	13.2	19.2	3.9	11.8	10.0	6.3	12.4	2.6	34.3	16.5	0.5	10.0	11.3
		25	11.9	8.3	16.3	12.7	20.2	3.9	11.9	9.5	7.0	12.4	2.6	36.3	16.5	0.5	11.0	12.3
		30	11.9	8.3	16.3	12.7	20.2	3.9	11.9	11.0	7.0	12.4	2.6	36.3	16.5	0.5	11.0	12.3
	4	2	6.2	5.3	9.1	12.6	10.8	3.9	10.4	4.5	4.5	4.8	2.6	27.6	10.6	0.4	7.5	8.8
		3	7.9	5.7	11.0	12.6	13.3	3.9	10.4	4.5	4.5	7.5	2.6	27.6	11.5	0.4	7.5	8.9
		5	7.9	5.7	11.0	12.6	13.3	3.9	10.4	4.5	4.5	7.5	2.6	27.6	11.5	0.4	7.5	8.9
		7.5	9.3	6.8	12.5	12.6	15.6	3.9	11.2	5.5	5.3	10.0	2.6	30.3	13.6	0.4	8.5	10.0
		10	9.3	6.8	12.5	12.6	15.6	3.9	11.2	5.5	5.3	10.0	2.6	30.3	13.6	0.4	8.5	10.0
020-095	2	15	9.3	6.8	12.5	14.2	15.6	3.9	13.3	8.3	6.3	10.0	2.6	35.8	13.6	0.5	10.0	11.5
		20	11.9	8.3	16.3	14.2	19.2	3.9	12.8	10.0	6.3	12.4	2.6	35.3	16.5	0.5	10.0	11.3
		25	11.9	8.3	16.3	14.8	20.2	3.9	14.0	9.5	7.0	12.4	2.6	38.4	16.5	0.5	11.0	12.3
		30	11.9	8.3	16.3	14.8	20.2	3.9	14.0	11.0	7.0	12.4	2.6	38.4	16.5	0.5	11.0	12.3
	4	2	6.2	5.3	9.1	12.6	10.8	3.9	10.4	4.5	4.5	4.8	2.6	27.6	10.6	0.4	7.5	8.8
		3	7.9	5.7	11.0	12.6	13.3	3.9	10.4	4.5	4.5	7.5	2.6	27.6	11.5	0.4	7.5	8.9
		5	7.9	5.7	11.0	12.6	13.3	3.9	10.4	4.5	4.5	7.5	2.6	27.6	11.5	0.4	7.5	8.9
		7.5	9.3	6.8	12.5	12.6	15.6	3.9	11.2	5.5	5.3	10.0	2.6	30.3	13.6	0.4	8.5	10.0
		10	9.3	6.8	12.5	12.6	15.6	3.9	11.2	5.5	5.3	10.0	2.6	30.3	13.6	0.4	8.5	10.0

Pump size	Pole	P2 [hp]	MLE specific dimensions			General dimensions [inch] [30]												
			AB-MLE	AF	LL	LP	AG	X	Q	2F	D	T	B1	L11	W1	D3	2E	A*
020-110	4	5	7.9	5.7	11.0	12.6	13.3	3.9	10.4	4.5	4.5	7.5	2.6	27.6	11.5	0.4	7.5	8.9
		7.5	9.3	6.8	12.5	12.6	15.6	3.9	11.2	5.5	5.3	10.0	2.6	30.3	13.6	0.4	8.5	10.0
		10	9.3	6.8	12.5	12.6	15.6	3.9	11.2	5.5	5.3	10.0	2.6	30.3	13.6	0.4	8.5	10.0
		15	11.9	8.3	16.3	13.2	19.2	3.9	11.8	8.3	6.3	12.4	2.6	33.8	16.5	0.5	10.0	11.3
		20	11.9	8.3	16.3	13.2	19.2	3.9	11.8	10.0	6.3	12.4	2.6	33.8	16.5	0.5	10.0	11.3
020-130	4	7.5	9.3	6.8	12.5	15.2	15.6	5.5	12.8	5.5	5.3	10.0	2.6	32.9	13.6	0.4	8.5	10.0
		10	9.3	6.8	12.5	15.2	15.6	5.5	12.8	5.5	5.3	10.0	2.6	32.9	13.6	0.4	8.5	10.0
		15	11.9	8.3	16.3	15.2	19.2	5.5	12.8	8.3	6.3	12.4	2.6	36.8	16.5	0.5	10.0	11.3
		20	11.9	8.3	16.3	15.2	19.2	5.5	12.8	10.0	6.3	12.4	2.6	36.8	16.5	0.5	10.0	11.3
		25	11.9	8.3	16.3	15.8	22.0	5.5	14.0	9.5	7.0	12.4	2.6	39.6	16.5	0.5	11.0	12.3
		30	11.9	8.3	16.3	15.8	22.0	5.5	14.0	11.0	7.0	12.4	2.6	39.6	16.5	0.6	11.0	12.3
025-070	2	5	7.9	5.7	11.0	12.6	13.3	5.5	10.4	4.5	4.5	7.5	2.6	27.6	11.5	0.4	7.5	8.9
		7.5	7.9	5.7	11.0	12.6	14.6	5.5	11.2	5.5	5.3	7.5	2.6	30.3	11.5	0.4	8.5	10.0
		10	9.3	6.8	12.5	12.6	15.6	5.5	11.2	5.5	5.3	10.0	2.6	30.3	13.6	0.4	8.5	10.0
		15	9.3	6.8	12.5	13.2	15.6	5.5	12.3	8.3	6.3	10.0	2.6	34.3	13.6	0.5	10.0	11.5
		20	11.9	8.3	16.3	13.2	19.2	5.5	11.8	10.0	6.3	12.4	2.6	33.8	16.5	0.5	10.0	11.3
		25	11.9	8.3	16.3	12.7	20.2	5.5	11.9	9.5	7.0	12.4	2.6	36.3	16.5	0.5	11.0	12.3
		30	11.9	8.3	16.3	12.7	20.2	5.5	11.9	11.0	7.0	12.4	2.6	36.3	16.5	0.5	11.0	12.3
	4	1.5	6.2	5.3	9.1	12.6	10.8	5.5	10.4	4.5	4.5	4.8	2.6	27.6	10.6	0.4	7.5	8.8
		2	6.2	5.3	9.1	12.6	10.8	5.5	10.4	4.5	4.5	4.8	2.6	27.6	10.6	0.4	7.5	8.8
		3	7.9	5.7	11.0	12.6	13.3	5.5	10.4	4.5	4.5	7.5	2.6	27.6	11.5	0.4	7.5	8.9
		5	7.9	5.7	11.0	12.6	13.3	5.5	10.4	4.5	4.5	7.5	2.6	27.6	11.5	0.4	7.5	8.9
025-095	2	25	11.9	8.3	16.3	14.8	20.2	3.9	13.5	9.5	7.0	12.4	3.2	38.4	16.5	0.5	11.0	12.3
		30	11.9	8.3	16.3	14.8	20.2	3.9	13.5	11.0	7.0	12.4	3.2	38.4	16.5	0.5	11.0	12.3
	4	3	7.9	5.7	11.0	12.6	13.3	3.9	9.9	4.5	4.5	7.5	3.2	27.6	11.5	0.4	7.5	8.9
		5	7.9	5.7	11.0	12.6	13.3	3.9	9.9	4.5	4.5	7.5	3.2	27.6	11.5	0.4	7.5	8.9
		7.5	9.3	6.8	12.5	12.6	15.6	3.9	10.8	5.5	5.3	10.0	3.2	30.3	13.6	0.4	8.5	10.0
		10	9.3	6.8	12.5	12.6	15.6	3.9	10.8	5.5	5.3	10.0	3.2	30.3	13.6	0.4	8.5	10.0
025-110	4	7.5	9.3	6.8	12.5	15.2	15.6	5.5	12.3	5.5	5.3	10.0	3.2	32.9	13.6	0.4	8.5	10.0
		10	9.3	6.8	12.5	15.2	15.6	5.5	12.3	5.5	5.3	10.0	3.2	32.9	13.6	0.4	8.5	10.0
		15	11.9	8.3	16.3	15.2	19.2	5.5	12.3	8.3	6.3	12.4	3.2	36.3	16.5	0.5	10.0	11.3
		20	11.9	8.3	16.3	15.2	19.2	5.5	12.3	10.0	6.3	12.4	3.2	36.3	16.5	0.5	10.0	11.3
030-070	2	7.5	7.9	5.7	11.0	12.6	14.6	5.5	11.2	5.5	5.3	7.5	2.6	30.3	11.5	0.4	8.5	10.0
		10	9.3	6.8	12.5	12.6	15.6	5.5	11.2	5.5	5.3	10.0	2.6	30.3	13.6	0.4	8.5	10.0
		15	9.3	6.8	12.5	13.2	15.6	5.5	12.3	8.3	6.3	10.0	2.6	34.3	13.6	0.5	10.0	11.5
		20	11.9	8.3	16.3	13.2	19.2	5.5	11.8	10.0	6.3	12.4	2.6	33.8	16.5	0.5	10.0	11.3
		25	11.9	8.3	16.3	12.7	20.2	5.5	11.9	9.5	7.0	12.4	2.6	36.3	16.5	0.5	11.0	12.3
		30	11.9	8.3	16.3	12.7	20.2	5.5	11.9	11.0	7.0	12.4	2.6	36.3	16.5	0.5	11.0	12.3
	4	1.5	6.2	5.3	9.1	12.6	10.8	5.5	10.4	4.5	4.5	4.8	2.6	27.6	10.6	0.4	7.5	8.8
		2	6.2	5.3	9.1	12.6	10.8	5.5	10.4	4.5	4.5	4.8	2.6	27.6	10.6	0.4	7.5	8.8
		3	7.9	5.7	11.0	12.6	13.3	5.5	10.4	4.5	4.5	7.5	2.6	27.6	11.5	0.4	7.5	8.9
		5	7.9	5.7	11.0	12.6	13.3	5.5	10.4	4.5	4.5	7.5	2.6	27.6	11.5	0.4	7.5	8.9
030-095	4	5	7.9	5.7	11.0	14.4	13.3	5.5	10.7	4.5	4.5	7.5	3.2	29.3	11.5	0.4	7.5	8.9
		7.5	9.3	6.8	12.5	14.4	15.6	5.5	11.5	5.5	5.3	10.0	3.2	32.1	13.6	0.4	8.5	10.0
		10	9.3	6.8	12.5	14.4	15.6	5.5	11.5	5.5	5.3	10.0	3.2	32.1	13.6	0.4	8.5	10.0
		15	11.9	8.3	16.3	15.0	19.2	5.5	12.1	8.3	6.3	12.4	3.2	36.1	16.5	0.5	10.0	11.3
		20	11.9	8.3	16.3	15.0	19.2	5.5	12.1	10.0	6.3	12.4	3.2	36.1	16.5	0.5	10.0	11.3
030-110	4	10	9.3	6.8	12.5	15.2	15.6	5.5	12.3	5.5	5.3	10.0	3.2	32.9	13.6	0.4	8.5	10.0
		15	11.9	8.3	16.3	15.2	19.2	5.5	12.3	8.3	6.3	12.4	3.2	36.3	16.5	0.5	10.0	11.3
		20	11.9	8.3	16.3	15.2	19.2	5.5	12.3	10.0	6.3	12.4	3.2	36.3	16.5	0.5	10.0	11.3

Pump size	Pole	P2 [hp]	MLE specific dimensions			General dimensions [inch] [30]												
			AB-MLE	AF	LL	LP	AG	X	Q	2F	D	T	B1	L11	W1	D3	2E	A*
030-130	4	15	11.9	8.3	16.3	15.2	19.2	5.5	12.3	8.3	6.3	12.4	3.0	37.3	16.5	0.5	10.0	11.3
		20	11.9	8.3	16.3	15.2	19.2	5.5	12.3	10.0	6.3	12.4	3.0	37.3	16.5	0.5	10.0	11.3
		25	11.9	8.3	16.3	15.8	22.0	5.5	13.5	9.5	7.0	12.4	3.0	40.1	16.5	0.5	11.0	12.3
		30	11.9	8.3	16.3	15.8	22.0	5.5	13.5	11.0	7.0	12.4	3.0	40.1	16.5	0.6	11.0	12.3
040-070	2	15	9.3	6.8	12.5	14.2	15.6	5.5	12.3	8.3	6.3	10.0	2.6	35.8	13.6	0.5	10.0	11.5
		20	11.9	8.3	16.3	14.2	19.2	5.5	11.8	10.0	6.3	12.4	2.6	35.3	16.5	0.5	10.0	11.3
		25	11.9	8.3	16.3	13.7	20.2	5.5	11.9	9.5	7.0	12.4	2.6	37.3	16.5	0.5	11.0	12.3
		30	11.9	8.3	16.3	13.7	20.2	5.5	11.9	11.0	7.0	12.4	2.6	37.3	16.5	0.5	11.0	12.3
	4	1.5	6.2	5.3	9.1	13.6	10.8	5.5	10.4	4.5	4.5	4.8	2.6	28.6	10.6	0.4	7.5	8.8
		2	6.2	5.3	9.1	13.6	10.8	5.5	10.4	4.5	4.5	4.8	2.6	28.6	10.6	0.4	7.5	8.8
		3	7.9	5.7	11.0	13.6	13.3	5.5	10.4	4.5	4.5	7.5	2.6	28.6	11.5	0.4	7.5	8.9
		5	7.9	5.7	11.0	13.6	13.3	5.5	10.4	4.5	4.5	7.5	2.6	28.6	11.5	0.4	7.5	8.9
		7.5	9.3	6.8	12.5	13.6	15.6	5.5	11.2	5.5	5.3	10.0	2.6	31.3	13.6	0.4	8.5	10.0
		10	9.3	6.8	12.5	13.6	15.6	5.5	11.2	5.5	5.3	10.0	2.6	31.3	13.6	0.4	8.5	10.0
040-095	4	7.5	9.3	6.8	12.5	14.9	15.6	5.5	11.5	5.5	5.3	10.0	3.2	32.6	13.6	0.4	8.5	10.0
		10	9.3	6.8	12.5	14.9	15.6	5.5	11.5	5.5	5.3	10.0	3.2	32.6	13.6	0.4	8.5	10.0
		15	11.9	8.3	16.3	15.5	19.2	5.5	12.1	8.3	6.3	12.4	3.2	37.1	16.5	0.5	10.0	11.3
		20	11.9	8.3	16.3	15.5	19.2	5.5	12.1	10.0	6.3	12.4	3.2	37.1	16.5	0.5	10.0	11.3
040-110	4	15	11.9	8.3	16.3	15.7	19.2	5.5	12.3	8.3	6.3	12.4	3.2	37.3	16.5	0.5	10.0	11.3
		20	11.9	8.3	16.3	15.7	19.2	5.5	12.3	10.0	6.3	12.4	3.2	37.3	16.5	0.5	10.0	11.3
		25	11.9	8.3	16.3	16.3	22.0	5.5	13.5	9.5	7.0	12.4	3.2	40.1	16.5	0.5	11.0	12.3
		30	11.9	8.3	16.3	16.3	22.0	5.5	13.5	11.0	7.0	12.4	3.2	40.1	16.5	0.6	11.0	12.3
040-130	4	15	11.9	8.3	16.3	15.7	19.2	5.5	12.4	8.3	6.3	12.4	3.2	37.8	16.5	0.5	10.0	11.3
		20	11.9	8.3	16.3	15.7	19.2	5.5	12.4	10.0	6.3	12.4	3.2	37.8	16.5	0.5	10.0	11.3
		25	11.9	8.3	16.3	16.3	22.0	5.5	13.5	9.5	7.0	12.4	3.2	40.6	16.5	0.5	11.0	12.3
		30	11.9	8.3	16.3	16.3	22.0	5.5	13.5	11.0	7.0	12.4	3.2	40.6	16.5	0.6	11.0	12.3
050-070	2	15	9.3	6.8	12.5	14.2	15.6	5.5	11.8	8.3	6.3	10.0	3.2	35.8	13.6	0.5	10.0	11.5
		20	11.9	8.3	16.3	14.2	19.2	5.5	11.3	10.0	6.3	12.4	3.2	35.3	16.5	0.5	10.0	11.3
		25	11.9	8.3	16.3	13.7	20.2	5.5	11.4	9.5	7.0	12.4	3.2	37.3	16.5	0.5	11.0	12.3
		30	11.9	8.3	16.3	13.7	20.2	5.5	11.4	11.0	7.0	12.4	3.2	37.3	16.5	0.5	11.0	12.3
	4	3	7.9	5.7	11.0	13.6	13.3	5.5	9.9	4.5	4.5	7.5	3.2	28.6	11.5	0.4	7.5	8.9
		5	7.9	5.7	11.0	13.6	13.3	5.5	9.9	4.5	4.5	7.5	3.2	28.6	11.5	0.4	7.5	8.9
		7.5	9.3	6.8	12.5	13.6	15.6	5.5	10.7	5.5	5.3	10.0	3.2	31.3	13.6	0.4	8.5	10.0
		10	9.3	6.8	12.5	13.6	15.6	5.5	10.7	5.5	5.3	10.0	3.2	31.3	13.6	0.4	8.5	10.0
050-095	4	10	9.3	6.8	12.5	15.9	15.6	5.5	12.5	5.5	5.3	10.0	3.2	34.4	13.6	0.4	8.5	10.0
		15	11.9	8.3	16.3	16.5	19.2	5.5	13.1	8.3	6.3	12.4	3.2	38.6	16.5	0.5	10.0	11.3
		20	11.9	8.3	16.3	16.5	19.2	5.5	13.1	10.0	6.3	12.4	3.2	38.6	16.5	0.5	10.0	11.3
		25	11.9	8.3	16.3	17.1	22.0	5.5	14.3	9.5	7.0	12.4	3.2	41.4	16.5	0.5	11.0	12.3
		30	11.9	8.3	16.3	17.1	22.0	5.5	14.3	11.0	7.0	12.4	3.2	41.4	16.5	0.6	11.0	12.3
050-110	4	15	11.9	8.3	16.3	15.7	19.2	7.1	12.3	8.3	6.3	12.4	3.4	37.8	16.5	0.5	10.0	11.3
		20	11.9	8.3	16.3	15.7	19.2	7.1	12.3	10.0	6.3	12.4	3.4	37.8	16.5	0.5	10.0	11.3
		25	11.9	8.3	16.3	16.3	22.0	7.1	13.5	9.5	7.0	12.4	3.4	40.6	16.5	0.5	11.0	12.3
		30	11.9	8.3	16.3	16.3	22.0	7.1	13.5	11.0	7.0	12.4	3.4	40.6	16.5	0.6	11.0	12.3
060-095	4	15	11.9	8.3	16.3	17.2	19.2	7.1	12.5	8.3	6.3	12.4	3.9	39.8	16.5	0.5	10.0	11.3
		20	11.9	8.3	16.3	17.2	19.2	7.1	12.5	10.0	6.3	12.4	3.9	39.8	16.5	0.5	10.0	11.3
		25	11.9	8.3	16.3	17.9	22.0	7.1	13.7	9.5	7.0	12.4	3.9	42.6	16.5	0.5	11.0	12.3
		30	11.9	8.3	16.3	17.9	22.0	7.1	13.7	11.0	7.0	12.4	3.9	42.6	16.5	0.6	11.0	12.3
060-110	4	25	11.9	8.3	16.3	17.0	22.0	7.1	12.8	9.5	7.0	12.4	3.9	41.7	16.5	0.5	11.0	12.3
		30	11.9	8.3	16.3	17.0	22.0	7.1	12.8	11.0	7.0	12.4	3.9	41.7	16.5	0.6	11.0	12.3

30) For the drawings, refer to section NB, dimensional drawings

Dimensions in mm.

Pump size	Pole	P2 [hp]	MLE specific dimensions			General dimensions [mm] [30]												
			AB-MLE	AF	LL	LP	AG	X	Q	2F	D	T	B1	L11	W1	D3	2E	A*
012-070	2	3	158	134	232	298	275	100	275	114	114	122	50	655	268	10	191	224
		5	201	146	280	298	338	100	275	114	114	191	50	655	291	10	191	226
		7.5	201	146	280	298	372	100	298	140	133	191	50	747	291	10	216	255
		7.5	201	146	280	298	372	100	298	140	133	191	50	747	291	10	216	255
		10	237	173	317	298	396	100	298	140	133	255	50	747	346	10	216	255
		15	237	173	317	313	396	100	325	211	159	255	50	848	346	13	254	292
		15	237	173	317	313	396	100	325	211	159	255	50	848	346	13	254	292
	4	1.5	158	134	232	298	275	100	275	114	114	122	50	655	268	10	191	224
		2	158	134	232	298	275	100	275	114	114	122	50	655	268	10	191	224
015-070	2	5	201	146	280	298	338	100	275	114	114	191	50	655	291	10	191	226
		7.5	201	146	280	298	372	100	298	140	133	191	50	747	291	10	216	255
		10	237	173	317	298	396	100	298	140	133	255	50	747	346	10	216	255
		15	237	173	317	313	396	100	325	211	159	255	50	848	346	13	254	292
	4	1.5	158	134	232	298	275	100	275	114	114	122	50	655	268	10	191	224
		2	158	134	232	298	275	100	275	114	114	122	50	655	268	10	191	224
		3	201	146	280	298	338	100	275	114	114	191	50	655	291	10	191	226
		5	201	146	280	298	338	100	275	114	114	191	50	655	291	10	191	226
015-090	2	15	237	173	317	335	396	100	313	211	159	255	65	884	346	13	254	292
		20	303	210	414	335	489	100	300	254	159	314	65	871	420	13	254	287
		25	303	210	414	323	514	100	301	241	178	314	65	922	420	13	279	312
		30	303	210	414	323	514	100	301	279	178	314	65	922	420	13	279	312
	4	1.5	158	134	232	320	275	100	263	114	114	122	65	701	268	10	191	224
		2	158	134	232	320	275	100	263	114	114	122	65	701	268	10	191	224
		3	201	146	280	320	338	100	263	114	114	191	65	701	291	10	191	226
		5	201	146	280	320	338	100	263	114	114	191	65	701	291	10	191	226
		7.5	237	173	317	320	396	100	285	140	133	255	65	770	346	10	216	255
		10	237	173	317	320	396	100	285	140	133	255	65	770	346	10	216	255
015-095	2	15	237	173	317	335	396	100	313	211	159	255	65	884	346	13	254	292
		20	303	210	414	335	489	100	300	254	159	314	65	871	420	13	254	287
		25	303	210	414	323	514	100	301	241	178	314	65	922	420	13	279	312
		30	303	210	414	323	514	100	301	279	178	314	65	922	420	13	279	312
	4	2	158	134	232	320	275	100	263	114	114	122	65	701	268	10	191	224
		3	201	146	280	320	338	100	263	114	114	191	65	701	291	10	191	226
		5	201	146	280	320	338	100	263	114	114	191	65	701	291	10	191	226
		7.5	237	173	317	320	396	100	285	140	133	255	65	770	346	10	216	255
		10	237	173	317	320	396	100	285	140	133	255	65	770	346	10	216	255
020-095	2	15	237	173	317	360	396	100	338	211	159	255	65	909	346	13	254	292
		20	303	210	414	360	489	100	325	254	159	314	65	897	420	13	254	287
		25	303	210	414	377	514	100	355	241	178	314	65	975	420	13	279	312
		30	303	210	414	377	514	100	355	279	178	314	65	975	420	13	279	312
	4	2	158	134	232	320	275	100	263	114	114	122	65	701	268	10	191	224
		3	201	146	280	320	338	100	263	114	114	191	65	701	291	10	191	226
		5	201	146	280	320	338	100	263	114	114	191	65	701	291	10	191	226
		7.5	237	173	317	320	396	100	285	140	133	255	65	770	346	10	216	255
		10	237	173	317	320	396	100	285	140	133	255	65	770	346	10	216	255
020-110	4	5	201	146	280	320	338	100	263	114	114	191	65	701	291	10	191	226
		7.5	237	173	317	320	396	100	285	140	133	255	65	770	346	10	216	255
		10	237	173	317	320	396	100	285	140	133	255	65	770	346	10	216	255
		15	303	210	414	335	489	100	300	211	159	314	65	859	420	13	254	287
		20	303	210	414	335	489	100	300	254	159	314	65	859	420	13	254	287

Pump size	Pole	P2 [hp]	MLE specific dimensions			General dimensions [mm] [30]												
			AB-MLE	AF	LL	LP	AG	X	Q	2F	D	T	B1	L11	W1	D3	2E	A*
020-130	4	7.5	237	173	317	386	396	140	326	140	133	255	65	836	346	10	216	255
		10	237	173	317	386	396	140	326	140	133	255	65	836	346	10	216	255
		15	303	210	414	386	489	140	326	211	159	314	65	935	420	13	254	287
		20	303	210	414	386	489	140	326	254	159	314	65	935	420	13	254	287
		25	303	210	414	402	558	140	355	241	178	314	65	1006	420	13	279	312
		30	303	210	414	402	558	140	355	279	178	314	65	1006	420	14	279	312
025-070	2	5	201	146	280	320	338	140	263	114	114	191	65	701	291	10	191	226
		7.5	201	146	280	320	372	140	285	140	133	191	65	770	291	10	216	255
		10	237	173	317	320	396	140	285	140	133	255	65	770	346	10	216	255
		15	237	173	317	335	396	140	313	211	159	255	65	871	346	13	254	292
		20	303	210	414	335	489	140	300	254	159	314	65	859	420	13	254	287
		25	303	210	414	323	514	140	301	241	178	314	65	922	420	13	279	312
		30	303	210	414	323	514	140	301	279	178	314	65	922	420	13	279	312
	4	1.5	158	134	232	320	275	140	263	114	114	122	65	701	268	10	191	224
		2	158	134	232	320	275	140	263	114	114	122	65	701	268	10	191	224
		3	201	146	280	320	338	140	263	114	114	191	65	701	291	10	191	226
		5	201	146	280	320	338	140	263	114	114	191	65	701	291	10	191	226
025-095	2	25	303	210	414	377	514	100	344	241	178	314	80	975	420	13	279	312
		30	303	210	414	377	514	100	344	279	178	314	80	975	420	13	279	312
	4	3	201	146	280	320	338	100	252	114	114	191	80	701	291	10	191	226
		5	201	146	280	320	338	100	252	114	114	191	80	701	291	10	191	226
		7.5	237	173	317	320	396	100	275	140	133	255	80	770	346	10	216	255
		10	237	173	317	320	396	100	275	140	133	255	80	770	346	10	216	255
025-110	4	7.5	237	173	317	386	396	140	313	140	133	255	80	836	346	10	216	255
		10	237	173	317	386	396	140	313	140	133	255	80	836	346	10	216	255
		15	303	210	414	386	489	140	313	211	159	314	80	922	420	13	254	287
		20	303	210	414	386	489	140	313	254	159	314	80	922	420	13	254	287
030-070	2	7.5	201	146	280	320	372	140	285	140	133	191	65	770	291	10	216	255
		10	237	173	317	320	396	140	285	140	133	255	65	770	346	10	216	255
		15	237	173	317	335	396	140	313	211	159	255	65	871	346	13	254	292
		20	303	210	414	335	489	140	300	254	159	314	65	859	420	13	254	287
		25	303	210	414	323	514	140	301	241	178	314	65	922	420	13	279	312
		30	303	210	414	323	514	140	301	279	178	314	65	922	420	13	279	312
	4	1.5	158	134	232	320	275	140	263	114	114	122	65	701	268	10	191	224
		2	158	134	232	320	275	140	263	114	114	122	65	701	268	10	191	224
		3	201	146	280	320	338	140	263	114	114	191	65	701	291	10	191	226
		5	201	146	280	320	338	140	263	114	114	191	65	701	291	10	191	226
030-095	4	5	201	146	280	366	338	140	271	114	114	191	80	744	291	10	191	226
		7.5	237	173	317	366	396	140	293	140	133	255	80	815	346	10	216	255
		10	237	173	317	366	396	140	293	140	133	255	80	815	346	10	216	255
		15	303	210	414	380	489	140	308	211	159	314	80	917	420	13	254	287
		20	303	210	414	380	489	140	308	254	159	314	80	917	420	13	254	287
030-110	4	10	237	173	317	386	396	140	313	140	133	255	80	836	346	10	216	255
		15	303	210	414	386	489	140	313	211	159	314	80	922	420	13	254	287
		20	303	210	414	386	489	140	313	254	159	314	80	922	420	13	254	287
030-130	4	15	303	210	414	386	489	140	313	211	159	314	76	947	420	13	254	287
		20	303	210	414	386	489	140	313	254	159	314	76	947	420	13	254	287
		25	303	210	414	402	558	140	342	241	178	314	76	1019	420	13	279	312
		30	303	210	414	402	558	140	342	279	178	314	76	1019	420	14	279	312

Pump size	Pole	P2 [hp]	MLE specific dimensions			General dimensions [mm] [30]												
			AB-MLE	AF	LL	LP	AG	X	Q	2F	D	T	B1	L11	W1	D3	2E	A*
040-070	2	15	237	173	317	360	396	140	313	211	159	255	65	909	346	13	254	292
		20	303	210	414	360	489	140	300	254	159	314	65	897	420	13	254	287
		25	303	210	414	348	514	140	301	241	178	314	65	947	420	13	279	312
		30	303	210	414	348	514	140	301	279	178	314	65	947	420	13	279	312
	4	1.5	158	134	232	345	275	140	263	114	114	122	65	726	268	10	191	224
		2	158	134	232	345	275	140	263	114	114	122	65	726	268	10	191	224
		3	201	146	280	345	338	140	263	114	114	191	65	726	291	10	191	226
		5	201	146	280	345	338	140	263	114	114	191	65	726	291	10	191	226
		7.5	237	173	317	345	396	140	285	140	133	255	65	795	346	10	216	255
		10	237	173	317	345	396	140	285	140	133	255	65	795	346	10	216	255
040-095	4	7.5	237	173	317	378	396	140	293	140	133	255	80	828	346	10	216	255
		10	237	173	317	378	396	140	293	140	133	255	80	828	346	10	216	255
		15	303	210	414	393	489	140	308	211	159	314	80	942	420	13	254	287
		20	303	210	414	393	489	140	308	254	159	314	80	942	420	13	254	287
040-110	4	15	303	210	414	399	489	140	313	211	159	314	80	947	420	13	254	287
		20	303	210	414	399	489	140	313	254	159	314	80	947	420	13	254	287
		25	303	210	414	415	558	140	342	241	178	314	80	1019	420	13	279	312
		30	303	210	414	415	558	140	342	279	178	314	80	1019	420	14	279	312
040-130	4	15	303	210	414	399	489	140	315	211	159	314	80	960	420	13	254	287
		20	303	210	414	399	489	140	315	254	159	314	80	960	420	13	254	287
		25	303	210	414	415	558	140	344	241	178	314	80	1031	420	13	279	312
		30	303	210	414	415	558	140	344	279	178	314	80	1031	420	14	279	312
050-070	2	15	237	173	317	360	396	140	300	211	159	255	80	909	346	13	254	292
		20	303	210	414	360	489	140	288	254	159	314	80	897	420	13	254	287
		25	303	210	414	348	514	140	289	241	178	314	80	947	420	13	279	312
		30	303	210	414	348	514	140	289	279	178	314	80	947	420	13	279	312
	4	3	201	146	280	345	338	140	250	114	114	191	80	726	291	10	191	226
		5	201	146	280	345	338	140	250	114	114	191	80	726	291	10	191	226
		7.5	237	173	317	345	396	140	273	140	133	255	80	795	346	10	216	255
		10	237	173	317	345	396	140	273	140	133	255	80	795	346	10	216	255
050-095	4	10	237	173	317	404	396	140	318	140	133	255	80	874	346	10	216	255
		15	303	210	414	418	489	140	333	211	159	314	80	980	420	13	254	287
		20	303	210	414	418	489	140	333	254	159	314	80	980	420	13	254	287
		25	303	210	414	435	558	140	362	241	178	314	80	1052	420	13	279	312
		30	303	210	414	435	558	140	362	279	178	314	80	1052	420	14	279	312
050-110	4	15	303	210	414	399	489	180	313	211	159	314	86	960	420	13	254	287
		20	303	210	414	399	489	180	313	254	159	314	86	960	420	13	254	287
		25	303	210	414	415	558	180	342	241	178	314	86	1031	420	13	279	312
		30	303	210	414	415	558	180	342	279	178	314	86	1031	420	14	279	312
060-095	4	15	303	210	414	437	489	180	318	211	159	314	100	1011	420	13	254	287
		20	303	210	414	437	489	180	318	254	159	314	100	1011	420	13	254	287
		25	303	210	414	454	558	180	347	241	178	314	100	1082	420	13	279	312
		30	303	210	414	454	558	180	347	279	178	314	100	1082	420	14	279	312
060-110	4	25	303	210	414	432	558	180	325	241	178	314	100	1059	420	13	279	312
		30	303	210	414	432	558	180	325	279	178	314	100	1059	420	14	279	312

[30] For the drawings, refer to section NB, dimensional drawings

Dimensions for NBE pumps with TEFC motor (230 V), MLE, mounting design A

For more dimensions, see Section *16.17 Flange and bare pump dimensions*.

Dimensions in inch.

Pump size	Pole	P2 [hp]	MLE specific dimensions			General dimensions [inch] [31]												
			AB-MLE	AF	LL	LP	AG	X	Q	2F	D	T	B1	L11	W1	D3	2E	A*
012-070	2	3	7.9	5.7	11.0	11.7	13.3	3.9	10.8	4.5	4.5	7.5	2.0	25.8	11.5	0.4	7.5	8.9
		5	7.9	5.7	11.0	11.7	13.3	3.9	10.8	4.5	4.5	7.5	2.0	25.8	11.5	0.4	7.5	8.9
		7.5	9.3	6.8	12.5	11.7	15.6	3.9	11.7	5.5	5.3	10.0	2.0	29.4	13.6	0.4	8.5	10.0
		10	11.9	8.3	16.3	12.3	19.2	3.9	12.3	8.3	6.3	12.4	2.0	32.9	16.5	0.5	10.0	11.3
		15	11.9	8.3	16.3	12.3	19.2	3.9	12.3	8.3	6.3	12.4	2.0	32.9	16.5	0.5	10.0	11.3
015-070	2	5	7.9	5.7	11.0	11.7	13.3	3.9	10.8	4.5	4.5	7.5	2.0	25.8	11.5	0.4	7.5	8.9
		7.5	9.3	6.8	12.5	11.7	15.6	3.9	11.7	5.5	5.3	10.0	2.0	29.4	13.6	0.4	8.5	10.0
		10	11.9	8.3	16.3	12.3	19.2	3.9	12.3	8.3	6.3	12.4	2.0	32.9	16.5	0.5	10.0	11.3
		15	11.9	8.3	16.3	12.3	19.2	3.9	12.3	8.3	6.3	12.4	2.0	32.9	16.5	0.5	10.0	11.3
025-070	2	5	7.9	5.7	11.0	12.6	13.3	5.5	10.4	4.5	4.5	7.5	2.6	27.6	11.5	0.4	7.5	8.9
		7.5	9.3	6.8	12.5	12.6	15.6	5.5	11.2	5.5	5.3	10.0	2.6	30.3	13.6	0.4	8.5	10.0
		10	11.9	8.3	16.3	13.2	19.2	5.5	11.8	8.3	6.3	12.4	2.6	33.8	16.5	0.5	10.0	11.3
		15	11.9	8.3	16.3	13.2	19.2	5.5	11.8	8.3	6.3	12.4	2.6	33.8	16.5	0.5	10.0	11.3
030-070	2	7.5	9.3	6.8	12.5	12.6	15.6	5.5	11.2	5.5	5.3	10.0	2.6	30.3	13.6	0.4	8.5	10.0
		10	11.9	8.3	16.3	13.2	19.2	5.5	11.8	8.3	6.3	12.4	2.6	33.8	16.5	0.5	10.0	11.3
		15	11.9	8.3	16.3	13.2	19.2	5.5	11.8	8.3	6.3	12.4	2.6	33.8	16.5	0.5	10.0	11.3

[31] For the drawings, refer to section NB, dimensional drawings

Dimensions in mm.

Pump size	Pole	P2 [hp]	MLE specific dimensions			General dimensions [mm] [31]												
			AB-MLE	AF	LL	LP	AG	X	Q	2F	D	T	B1	L11	W1	D3	2E	A*
012-070	2	3	201	146	280	298	338	100	275	114	114	191	50	655	291	10	191	226
		5	201	146	280	298	338	100	275	114	114	191	50	655	291	10	191	226
		7.5	237	173	317	298	396	100	298	140	133	255	50	747	346	10	216	255
		10	303	210	414	313	489	100	313	211	159	314	50	836	420	13	254	287
		15	303	210	414	313	489	100	313	211	159	314	50	836	420	13	254	287
015-070	2	5	201	146	280	298	338	100	275	114	114	191	50	655	291	10	191	226
		7.5	237	173	317	298	396	100	298	140	133	255	50	747	346	10	216	255
		10	303	210	414	313	489	100	313	211	159	314	50	836	420	13	254	287
		15	303	210	414	313	489	100	313	211	159	314	50	836	420	13	254	287
025-070	2	5	201	146	280	320	338	140	263	114	114	191	65	701	291	10	191	226
		7.5	237	173	317	320	396	140	285	140	133	255	65	770	346	10	216	255
		10	303	210	414	335	489	140	300	211	159	314	65	859	420	13	254	287
		15	303	210	414	335	489	140	300	211	159	314	65	859	420	13	254	287
030-070	2	7.5	237	173	317	320	396	140	285	140	133	255	65	770	346	10	216	255
		10	303	210	414	335	489	140	300	211	159	314	65	859	420	13	254	287
		15	303	210	414	335	489	140	300	211	159	314	65	859	420	13	254	287

[31] For the drawings, refer to section NB, dimensional drawings

Dimensions for NBE pumps with TEFC motor (460 V), mounting design B and C

For more dimensions, see Section *16.17 Flange and bare pump dimensions*.

Dimensions in inch.

Pump size	Pole	P2 [hp]	MLE specific dimensions				General dimensions [inch] [32]															
			AB-MLE	AF	LL	LP	AG	X	Q	HG3	L8	H5	L6	HG1	H6	L10	D1	D2	B4	B7	L7	L4	H7
012-070	2	3	6.2	5.3	9.1	11.7	10.8	3.9	6.5	0.2	3.1	1.8	12.3	0.2	2.5	0.8	0.7	0.7	10.5	11.4	7.8	13.8	7.0
		5	7.9	5.7	11.0	11.7	13.3	3.9	6.5	0.2	3.1	1.8	12.3	0.2	2.5	0.8	0.7	0.7	10.5	11.4	7.8	13.8	7.0
		7.5	7.9	5.7	11.0	11.7	14.6	3.9	7.3	0.2	3.1	1.8	15.2	0.2	1.8	0.8	0.7	0.7	11.5	11.4	7.8	16.7	7.0
		7.5	7.9	5.7	11.0	11.7	14.6	3.9	7.3	0.2	3.1	1.8	15.2	0.2	1.8	0.8	0.7	0.7	11.5	11.4	7.8	16.7	7.0
		10	9.3	6.8	12.5	11.7	15.6	3.9	7.3	0.2	3.1	1.8	15.2	0.2	1.8	0.8	0.7	0.7	11.5	11.4	7.8	16.7	7.0
		15	9.3	6.8	12.5	12.3	15.6	3.9	7.7	0.2	3.1	1.8	18.8	0.4	0.8	0.8	0.7	0.7	12.0	11.4	7.8	20.3	7.0
		15	9.3	6.8	12.5	12.3	15.6	3.9	7.7	0.2	3.1	1.8	18.8	0.4	0.8	0.8	0.7	0.7	12.0	11.4	7.8	20.3	7.0
	4	1.5	6.2	5.3	9.1	11.7	10.8	3.9	6.5	0.2	3.1	1.8	12.3	0.2	2.5	0.8	0.7	0.7	10.5	11.4	7.8	13.8	7.0
		2	6.2	5.3	9.1	11.7	10.8	3.9	6.5	0.2	3.1	1.8	12.3	0.2	2.5	0.8	0.7	0.7	10.5	11.4	7.8	13.8	7.0
015-070	2	5	7.9	5.7	11.0	11.7	13.3	3.9	6.5	0.2	3.1	1.8	12.3	0.2	2.5	0.8	0.7	0.7	10.5	11.4	7.8	13.8	7.0
		7.5	7.9	5.7	11.0	11.7	14.6	3.9	7.3	0.2	3.1	1.8	15.2	0.2	1.8	0.8	0.7	0.7	11.5	11.4	7.8	16.7	7.0
		10	9.3	6.8	12.5	11.7	15.6	3.9	7.3	0.2	3.1	1.8	15.2	0.2	1.8	0.8	0.7	0.7	11.5	11.4	7.8	16.7	7.0
		15	9.3	6.8	12.5	12.3	15.6	3.9	7.7	0.2	3.1	1.8	18.8	0.4	0.8	0.8	0.7	0.7	12.0	11.4	7.8	20.3	7.0
	4	1.5	6.2	5.3	9.1	11.7	10.8	3.9	6.5	0.2	3.1	1.8	12.3	0.2	2.5	0.8	0.7	0.7	10.5	11.4	7.8	13.8	7.0
		2	6.2	5.3	9.1	11.7	10.8	3.9	6.5	0.2	3.1	1.8	12.3	0.2	2.5	0.8	0.7	0.7	10.5	11.4	7.8	13.8	7.0
		3	7.9	5.7	11.0	11.7	13.3	3.9	6.5	0.2	3.1	1.8	12.3	0.2	2.5	0.8	0.7	0.7	10.5	11.4	7.8	13.8	7.0
		5	7.9	5.7	11.0	11.7	13.3	3.9	6.5	0.2	3.1	1.8	12.3	0.2	2.5	0.8	0.7	0.7	10.5	11.4	7.8	13.8	7.0
015-090	2	15	9.3	6.8	12.5	13.2	15.6	3.9	7.9	0.5	3.6	1.0	18.5	0.2	1.8	-	0.7	0.7	13.0	12.8	8.8	20.0	8.0
		20	11.9	8.3	16.3	13.2	19.2	3.9	7.4	0.5	3.6	1.0	18.5	0.2	1.8	-	0.7	0.7	13.0	12.8	8.8	20.0	8.0
		25	11.9	8.3	16.3	12.7	20.2	3.9	7.2	0.5	3.6	1.0	20.8	0.5	1.0	-	0.7	0.7	14.0	12.8	8.8	22.3	8.0
		30	11.9	8.3	16.3	12.7	20.2	3.9	7.2	0.5	3.6	1.0	20.8	0.5	1.0	-	0.7	0.7	14.0	12.8	8.8	22.3	8.0
	4	1.5	6.2	5.3	9.1	12.6	10.8	3.9	7.8	-	-	-	13.2	0.2	2.5	-	-	0.7	10.5	9.8	-	14.7	-
		2	6.2	5.3	9.1	12.6	10.8	3.9	7.8	-	-	-	13.2	0.2	2.5	-	-	0.7	10.5	9.8	-	14.7	-
		3	7.9	5.7	11.0	12.6	13.3	3.9	7.8	-	-	-	13.2	0.2	2.5	-	-	0.7	10.5	9.8	-	14.7	-
		5	7.9	5.7	11.0	12.6	13.3	3.9	7.8	-	-	-	13.2	0.2	2.5	-	-	0.7	10.5	9.8	-	14.7	-
		7.5	9.3	6.8	12.5	12.6	15.6	3.9	8.5	-	-	-	15.2	0.2	1.8	-	-	0.7	11.5	9.8	-	16.7	-
		10	9.3	6.8	12.5	12.6	15.6	3.9	8.5	-	-	-	15.2	0.2	1.8	-	-	0.7	11.5	9.8	-	16.7	-
015-095	2	15	9.3	6.8	12.5	13.2	15.6	3.9	7.9	0.5	3.6	1.0	18.5	0.2	1.8	-	0.7	0.7	13.0	12.8	8.8	20.0	8.0
		20	11.9	8.3	16.3	13.2	19.2	3.9	7.4	0.5	3.6	1.0	18.5	0.2	1.8	-	0.7	0.7	13.0	12.8	8.8	20.0	8.0
		25	11.9	8.3	16.3	12.7	20.2	3.9	7.2	0.5	3.6	1.0	20.8	0.5	1.0	-	0.7	0.7	14.0	12.8	8.8	22.3	8.0
		30	11.9	8.3	16.3	12.7	20.2	3.9	7.2	0.5	3.6	1.0	20.8	0.5	1.0	-	0.7	0.7	14.0	12.8	8.8	22.3	8.0
	4	2	6.2	5.3	9.1	12.6	10.8	3.9	7.8	-	-	-	13.2	0.2	2.5	-	-	0.7	10.5	9.8	-	14.7	-
		3	7.9	5.7	11.0	12.6	13.3	3.9	7.8	-	-	-	13.2	0.2	2.5	-	-	0.7	10.5	9.8	-	14.7	-
		5	7.9	5.7	11.0	12.6	13.3	3.9	7.8	-	-	-	13.2	0.2	2.5	-	-	0.7	10.5	9.8	-	14.7	-
		7.5	9.3	6.8	12.5	12.6	15.6	3.9	8.5	-	-	-	15.2	0.2	1.8	-	-	0.7	11.5	9.8	-	16.7	-
		10	9.3	6.8	12.5	12.6	15.6	3.9	8.5	-	-	-	15.2	0.2	1.8	-	-	0.7	11.5	9.8	-	16.7	-
020-095	2	15	9.3	6.8	12.5	14.2	15.6	3.9	8.9	0.5	3.6	1.0	18.5	0.2	1.8	-	0.7	0.7	13.0	12.8	8.8	20.0	8.0
		20	11.9	8.3	16.3	14.2	19.2	3.9	8.4	0.5	3.6	1.0	18.5	0.2	1.8	-	0.7	0.7	13.0	12.8	8.8	20.0	8.0
		25	11.9	8.3	16.3	14.8	20.2	3.9	9.3	0.5	3.6	1.0	20.8	0.5	1.0	-	0.7	0.7	14.0	12.8	8.8	22.3	8.0
		30	11.9	8.3	16.3	14.8	20.2	3.9	9.3	0.5	3.6	1.0	20.8	0.5	1.0	-	0.7	0.7	14.0	12.8	8.8	22.3	8.0
	4	2	6.2	5.3	9.1	12.6	10.8	3.9	7.8	-	-	-	13.2	0.2	2.5	-	-	0.7	10.5	9.8	-	14.7	-
		3	7.9	5.7	11.0	12.6	13.3	3.9	7.8	-	-	-	13.2	0.2	2.5	-	-	0.7	10.5	9.8	-	14.7	-
		5	7.9	5.7	11.0	12.6	13.3	3.9	7.8	-	-	-	13.2	0.2	2.5	-	-	0.7	10.5	9.8	-	14.7	-
		7.5	9.3	6.8	12.5	12.6	15.6	3.9	8.5	-	-	-	15.2	0.2	1.8	-	-	0.7	11.5	9.8	-	16.7	-
		10	9.3	6.8	12.5	12.6	15.6	3.9	8.5	-	-	-	15.2	0.2	1.8	-	-	0.7	11.5	9.8	-	16.7	-

Pump size	Pole	P2 [hp]	MLE specific dimensions				General dimensions [inch] 32)																
			AB-MLE	AF	LL	LP	AG	X	Q	HG3	L8	H5	L6	HG1	H6	L10	D1	D2	B4	B7	L7	L4	H7
020-110	4	5	7.9	5.7	11.0	12.6	13.3	3.9	7.8	-	-	-	13.2	0.2	2.5	-	-	0.7	10.5	9.8	-	14.7	-
		7.5	9.3	6.8	12.5	12.6	15.6	3.9	8.5	-	-	-	15.2	0.2	1.8	-	-	0.7	11.5	9.8	-	16.7	-
		10	9.3	6.8	12.5	12.6	15.6	3.9	8.5	-	-	-	15.2	0.2	1.8	-	-	0.7	11.5	9.8	-	16.7	-
		15	11.9	8.3	16.3	13.2	19.2	3.9	8.4	-	-	-	18.8	0.4	0.8	-	-	0.7	12.0	9.8	-	20.3	-
		20	11.9	8.3	16.3	13.2	19.2	3.9	8.4	-	-	-	18.8	0.4	0.8	-	-	0.7	12.0	9.8	-	20.3	-
020-130	4	7.5	9.3	6.8	12.5	15.2	15.6	5.5	10.1	-	-	-	15.2	0.2	3.8	-	-	0.7	11.5	11.0	-	16.7	-
		10	9.3	6.8	12.5	15.2	15.6	5.5	10.1	-	-	-	15.2	0.2	3.8	-	-	0.7	11.5	11.0	-	16.7	-
		15	11.9	8.3	16.3	15.2	19.2	5.5	10.2	-	-	-	19.0	0.2	2.8	-	-	0.7	13.0	11.0	-	20.5	-
		20	11.9	8.3	16.3	15.2	19.2	5.5	10.2	-	-	-	19.0	0.2	2.8	-	-	0.7	13.0	11.0	-	20.5	-
		25	11.9	8.3	16.3	15.8	22.0	5.5	11.7	-	-	-	20.3	0.3	2.0	-	-	0.7	15.2	11.0	-	21.8	-
		30	11.9	8.3	16.3	15.8	22.0	5.5	11.7	-	-	-	20.3	0.3	2.0	-	-	0.7	15.2	11.0	-	21.8	-
025-070	2	5	7.9	5.7	11.0	12.6	13.3	5.5	6.0	0.4	3.6	0.8	13.2	0.2	2.5	0.4	0.7	0.7	10.5	11.3	8.8	14.7	7.0
		7.5	7.9	5.7	11.0	12.6	14.6	5.5	6.8	0.4	3.6	0.8	15.2	0.2	1.8	0.4	0.7	0.7	11.5	11.3	8.8	16.7	7.0
		10	9.3	6.8	12.5	12.6	15.6	5.5	6.8	0.4	3.6	0.8	15.2	0.2	1.8	0.4	0.7	0.7	11.5	11.3	8.8	16.7	7.0
		15	9.3	6.8	12.5	13.2	15.6	5.5	7.2	0.4	3.6	0.8	18.8	0.4	0.8	0.4	0.7	0.7	12.0	11.3	8.8	20.3	7.0
		20	11.9	8.3	16.3	13.2	19.2	5.5	6.7	0.4	3.6	0.8	18.8	0.4	0.8	0.4	0.7	0.7	12.0	11.3	8.8	20.3	7.0
		25	11.9	8.3	16.3	12.7	20.2	5.5	7.1	0.2	3.8	1.8	20.8	0.5	1.0	0.5	0.7	0.7	14.0	12.3	9.0	22.3	8.0
		30	11.9	8.3	16.3	12.7	20.2	5.5	7.1	0.2	3.8	1.8	20.8	0.5	1.0	0.5	0.7	0.7	14.0	12.3	9.0	22.3	8.0
	4	1.5	6.2	5.3	9.1	12.6	10.8	5.5	6.0	0.4	3.6	0.8	13.2	0.2	2.5	0.4	0.7	0.7	10.5	11.3	8.8	14.7	7.0
		2	6.2	5.3	9.1	12.6	10.8	5.5	6.0	0.4	3.6	0.8	13.2	0.2	2.5	0.4	0.7	0.7	10.5	11.3	8.8	14.7	7.0
		3	7.9	5.7	11.0	12.6	13.3	5.5	6.0	0.4	3.6	0.8	13.2	0.2	2.5	0.4	0.7	0.7	10.5	11.3	8.8	14.7	7.0
		5	7.9	5.7	11.0	12.6	13.3	5.5	6.0	0.4	3.6	0.8	13.2	0.2	2.5	0.4	0.7	0.7	10.5	11.3	8.8	14.7	7.0
025-095	2	25	11.9	8.3	16.3	14.8	20.2	3.9	10.7	-	-	-	20.8	0.5	1.0	-	-	0.7	14.0	11.0	-	22.3	-
		30	11.9	8.3	16.3	14.8	20.2	3.9	10.7	-	-	-	20.8	0.5	1.0	-	-	0.7	14.0	11.0	-	22.3	-
	4	3	7.9	5.7	11.0	12.6	13.3	3.9	7.4	-	-	-	13.2	0.2	3.5	-	-	0.7	10.5	11.0	-	14.7	-
		5	7.9	5.7	11.0	12.6	13.3	3.9	7.4	-	-	-	13.2	0.2	3.5	-	-	0.7	10.5	11.0	-	14.7	-
		7.5	9.3	6.8	12.5	12.6	15.6	3.9	8.1	-	-	-	15.2	0.2	2.8	-	-	0.7	11.5	11.0	-	16.7	-
		10	9.3	6.8	12.5	12.6	15.6	3.9	8.1	-	-	-	15.2	0.2	2.8	-	-	0.7	11.5	11.0	-	16.7	-
025-110	4	7.5	9.3	6.8	12.5	15.2	15.6	5.5	9.6	-	-	-	15.2	0.2	2.8	-	-	0.7	11.5	11.0	-	16.7	-
		10	9.3	6.8	12.5	15.2	15.6	5.5	9.6	-	-	-	15.2	0.2	2.8	-	-	0.7	11.5	11.0	-	16.7	-
		15	11.9	8.3	16.3	15.2	19.2	5.5	9.7	-	-	-	18.5	0.2	1.8	-	-	0.7	13.0	11.0	-	20.0	-
		20	11.9	8.3	16.3	15.2	19.2	5.5	9.7	-	-	-	18.5	0.2	1.8	-	-	0.7	13.0	11.0	-	20.0	-
030-070	2	7.5	7.9	5.7	11.0	12.6	14.6	5.5	6.8	0.4	3.6	0.8	15.2	0.2	1.8	0.4	0.7	0.7	11.5	11.3	8.8	16.7	7.0
		10	9.3	6.8	12.5	12.6	15.6	5.5	6.8	0.4	3.6	0.8	15.2	0.2	1.8	0.4	0.7	0.7	11.5	11.3	8.8	16.7	7.0
		15	9.3	6.8	12.5	13.2	15.6	5.5	7.2	0.4	3.6	0.8	18.8	0.4	0.8	0.4	0.7	0.7	12.0	11.3	8.8	20.3	7.0
		20	11.9	8.3	16.3	13.2	19.2	5.5	6.7	0.4	3.6	0.8	18.8	0.4	0.8	0.4	0.7	0.7	12.0	11.3	8.8	20.3	7.0
		25	11.9	8.3	16.3	12.7	20.2	5.5	7.1	0.2	3.8	1.8	20.8	0.5	1.0	0.5	0.7	0.7	14.0	12.3	9.0	22.3	8.0
		30	11.9	8.3	16.3	12.7	20.2	5.5	7.1	0.2	3.8	1.8	20.8	0.5	1.0	0.5	0.7	0.7	14.0	12.3	9.0	22.3	8.0
	4	1.5	6.2	5.3	9.1	12.6	10.8	5.5	6.0	0.4	3.6	0.8	13.2	0.2	2.5	0.4	0.7	0.7	10.5	11.3	8.8	14.7	7.0
		2	6.2	5.3	9.1	12.6	10.8	5.5	6.0	0.4	3.6	0.8	13.2	0.2	2.5	0.4	0.7	0.7	10.5	11.3	8.8	14.7	7.0
		3	7.9	5.7	11.0	12.6	13.3	5.5	6.0	0.4	3.6	0.8	13.2	0.2	2.5	0.4	0.7	0.7	10.5	11.3	8.8	14.7	7.0
		5	7.9	5.7	11.0	12.6	13.3	5.5	6.0	0.4	3.6	0.8	13.2	0.2	2.5	0.4	0.7	0.7	10.5	11.3	8.8	14.7	7.0
030-095	4	5	7.9	5.7	11.0	14.4	13.3	5.5	8.1	-	-	-	13.2	0.2	3.5	-	-	0.7	10.5	12.4	-	14.7	-
		7.5	9.3	6.8	12.5	14.4	15.6	5.5	8.8	-	-	-	15.2	0.2	2.8	-	-	0.7	11.5	12.4	-	16.7	-
		10	9.3	6.8	12.5	14.4	15.6	5.5	8.8	-	-	-	15.2	0.2	2.8	-	-	0.7	11.5	12.4	-	16.7	-
		15	11.9	8.3	16.3	15.0	19.2	5.5	9.5	-	-	-	18.5	0.2	1.8	-	-	0.7	13.0	12.4	-	20.0	-
		20	11.9	8.3	16.3	15.0	19.2	5.5	9.5	-	-	-	18.5	0.2	1.8	-	-	0.7	13.0	12.4	-	20.0	-
030-110	4	10	9.3	6.8	12.5	15.2	15.6	5.5	9.6	-	-	-	15.2	0.2	2.8	-	-	0.7	11.5	12.4	-	16.7	-
		15	11.9	8.3	16.3	15.2	19.2	5.5	9.7	-	-	-	18.5	0.2	1.8	-	-	0.7	13.0	12.4	-	20.0	-
		20	11.9	8.3	16.3	15.2	19.2	5.5	9.7	-	-	-	18.5	0.2	1.8	-	-	0.7	13.0	12.4	-	20.0	-

Pump size	Pole	P2 [hp]	MLE specific dimensions				General dimensions [inch] [32]															
			AB-MLE	AF	LL	LP	AG	X	Q	HG3	L8	H5	L6	HG1	H6	L10	D1	D2	B4	B7	L7	L4	H7
030-130	4	15	11.9	8.3	16.3	15.2	19.2	5.5	9.7	-	-	-	19.5	0.2	3.8	-	-	0.7	13.0	12.4	-	21.0	-
		20	11.9	8.3	16.3	15.2	19.2	5.5	9.7	-	-	-	19.5	0.2	3.8	-	-	0.7	13.0	12.4	-	21.0	-
		25	11.9	8.3	16.3	15.8	22.0	5.5	11.2	-	-	-	20.8	0.3	3.0	-	-	0.7	15.2	12.4	-	22.3	-
		30	11.9	8.3	16.3	15.8	22.0	5.5	11.2	-	-	-	20.8	0.3	3.0	-	-	0.7	15.2	12.4	-	22.3	-
040-070	2	15	9.3	6.8	12.5	14.2	15.6	5.5	7.9	0.5	3.6	1.0	18.5	0.2	1.8	0.6	0.7	0.7	13.0	14.0	8.8	20.0	8.0
		20	11.9	8.3	16.3	14.2	19.2	5.5	7.4	0.5	3.6	1.0	18.5	0.2	1.8	0.6	0.7	0.7	13.0	14.0	8.8	20.0	8.0
		25	11.9	8.3	16.3	13.7	20.2	5.5	7.2	0.5	3.6	1.0	20.8	0.5	1.0	0.6	0.7	0.7	14.0	14.0	8.8	22.3	8.0
		30	11.9	8.3	16.3	13.7	20.2	5.5	7.2	0.5	3.6	1.0	20.8	0.5	1.0	0.6	0.7	0.7	14.0	14.0	8.8	22.3	8.0
	4	1.5	6.2	5.3	9.1	13.6	10.8	5.5	7.8	-	-	-	13.2	0.2	2.5	-	-	0.7	10.5	11.0	-	14.7	-
		2	6.2	5.3	9.1	13.6	10.8	5.5	7.8	-	-	-	13.2	0.2	2.5	-	-	0.7	10.5	11.0	-	14.7	-
		3	7.9	5.7	11.0	13.6	13.3	5.5	7.8	-	-	-	13.2	0.2	2.5	-	-	0.7	10.5	11.0	-	14.7	-
		5	7.9	5.7	11.0	13.6	13.3	5.5	7.8	-	-	-	13.2	0.2	2.5	-	-	0.7	10.5	11.0	-	14.7	-
		7.5	9.3	6.8	12.5	13.6	15.6	5.5	8.5	-	-	-	15.2	0.2	1.8	-	-	0.7	11.5	11.0	-	16.7	-
		10	9.3	6.8	12.5	13.6	15.6	5.5	8.5	-	-	-	15.2	0.2	1.8	-	-	0.7	11.5	11.0	-	16.7	-
040-095	4	7.5	9.3	6.8	12.5	14.9	15.6	5.5	8.8	-	-	-	15.2	0.2	3.8	-	-	0.7	11.5	12.4	-	16.7	-
		10	9.3	6.8	12.5	14.9	15.6	5.5	8.8	-	-	-	15.2	0.2	3.8	-	-	0.7	11.5	12.4	-	16.7	-
		15	11.9	8.3	16.3	15.5	19.2	5.5	9.5	-	-	-	19.0	0.2	2.8	-	-	0.7	13.0	12.4	-	20.5	-
		20	11.9	8.3	16.3	15.5	19.2	5.5	9.5	-	-	-	19.0	0.2	2.8	-	-	0.7	13.0	12.4	-	20.5	-
040-110	4	15	11.9	8.3	16.3	15.7	19.2	5.5	9.7	-	-	-	19.0	0.2	2.8	-	-	0.7	13.0	12.4	-	20.5	-
		20	11.9	8.3	16.3	15.7	19.2	5.5	9.7	-	-	-	19.0	0.2	2.8	-	-	0.7	13.0	12.4	-	20.5	-
		25	11.9	8.3	16.3	16.3	22.0	5.5	11.2	-	-	-	20.3	0.3	2.0	-	-	0.7	15.2	12.4	-	21.8	-
		30	11.9	8.3	16.3	16.3	22.0	5.5	11.2	-	-	-	20.3	0.3	2.0	-	-	0.7	15.2	12.4	-	21.8	-
040-130	4	15	11.9	8.3	16.3	15.7	19.2	5.5	9.8	-	-	-	19.5	0.2	3.8	-	-	0.7	13.0	12.4	-	21.0	-
		20	11.9	8.3	16.3	15.7	19.2	5.5	9.8	-	-	-	19.5	0.2	3.8	-	-	0.7	13.0	12.4	-	21.0	-
		25	11.9	8.3	16.3	16.3	22.0	5.5	11.3	-	-	-	20.8	0.3	3.0	-	-	0.7	15.2	12.4	-	22.3	-
		30	11.9	8.3	16.3	16.3	22.0	5.5	11.3	-	-	-	20.8	0.3	3.0	-	-	0.7	15.2	12.4	-	22.3	-
050-070	2	15	9.3	6.8	12.5	14.2	15.6	5.5	9.2	-	-	-	18.5	0.2	1.8	-	-	0.7	13.0	11.0	-	20.0	-
		20	11.9	8.3	16.3	14.2	19.2	5.5	8.7	-	-	-	18.5	0.2	1.8	-	-	0.7	13.0	11.0	-	20.0	-
		25	11.9	8.3	16.3	13.7	20.2	5.5	8.5	-	-	-	20.8	0.5	1.0	-	-	0.7	14.0	11.0	-	22.3	-
		30	11.9	8.3	16.3	13.7	20.2	5.5	8.5	-	-	-	20.8	0.5	1.0	-	-	0.7	14.0	11.0	-	22.3	-
	4	3	7.9	5.7	11.0	13.6	13.3	5.5	7.3	-	-	-	13.2	0.2	3.5	-	-	0.7	10.5	11.0	-	14.7	-
		5	7.9	5.7	11.0	13.6	13.3	5.5	7.3	-	-	-	13.2	0.2	3.5	-	-	0.7	10.5	11.0	-	14.7	-
		7.5	9.3	6.8	12.5	13.6	15.6	5.5	8.0	-	-	-	15.2	0.2	2.8	-	-	0.7	11.5	11.0	-	16.7	-
		10	9.3	6.8	12.5	13.6	15.6	5.5	8.0	-	-	-	15.2	0.2	2.8	-	-	0.7	11.5	11.0	-	16.7	-
050-095	4	10	9.3	6.8	12.5	15.9	15.6	5.5	9.8	-	-	-	16.0	0.2	4.8	-	-	0.7	11.5	12.4	-	17.5	-
		15	11.9	8.3	16.3	16.5	19.2	5.5	10.5	-	-	-	19.5	0.2	3.8	-	-	0.7	13.0	12.4	-	21.0	-
		20	11.9	8.3	16.3	16.5	19.2	5.5	10.5	-	-	-	19.5	0.2	3.8	-	-	0.7	13.0	12.4	-	21.0	-
		25	11.9	8.3	16.3	17.1	22.0	5.5	12.0	-	-	-	20.8	0.3	3.0	-	-	0.7	15.2	12.4	-	22.3	-
		30	11.9	8.3	16.3	17.1	22.0	5.5	12.0	-	-	-	20.8	0.3	3.0	-	-	0.7	15.2	12.4	-	22.3	-
050-110	4	15	11.9	8.3	16.3	15.7	19.2	7.1	9.7	-	-	-	19.5	0.2	3.8	-	-	0.7	13.0	12.4	-	21.0	-
		20	11.9	8.3	16.3	15.7	19.2	7.1	9.7	-	-	-	19.5	0.2	3.8	-	-	0.7	13.0	12.4	-	21.0	-
		25	11.9	8.3	16.3	16.3	22.0	7.1	11.2	-	-	-	20.8	0.3	3.0	-	-	0.7	15.2	12.4	-	22.3	-
		30	11.9	8.3	16.3	16.3	22.0	7.1	11.2	-	-	-	20.8	0.3	3.0	-	-	0.7	15.2	12.4	-	22.3	-
060-095	4	15	11.9	8.3	16.3	17.2	19.2	7.1	9.9	-	-	-	20.0	0.2	4.8	-	-	0.7	13.0	15.8	-	21.5	-
		20	11.9	8.3	16.3	17.2	19.2	7.1	9.9	-	-	-	20.0	0.2	4.8	-	-	0.7	13.0	15.8	-	21.5	-
		25	11.9	8.3	16.3	17.9	22.0	7.1	11.4	-	-	-	21.3	0.3	4.0	-	-	0.7	15.2	15.8	-	22.8	-
		30	11.9	8.3	16.3	17.9	22.0	7.1	11.4	-	-	-	21.3	0.3	4.0	-	-	0.7	15.2	15.8	-	22.8	-
060-110	4	25	11.9	8.3	16.3	17.0	22.0	7.1	10.5	-	-	-	21.3	0.3	4.0	-	-	0.7	15.2	15.8	-	22.8	-
		30	11.9	8.3	16.3	17.0	22.0	7.1	10.5	-	-	-	21.3	0.3	4.0	-	-	0.7	15.2	15.8	-	22.8	-

[32] For the drawings, refer to section NB, dimensional drawings

Dimensions in mm.

Pump size	Pole	P2 [hp]	MLE specific dimensions				General dimensions [mm] 32)															
			AB-MLE	AF	LL	LP	AG	X	Q	HG3	L8	H5	L6	HG1	H6	L10	D1	D2	B4	B7	L7	L4	H7
012-070	2	3	158	134	232	298	275	100	166	5	80	44	311	5	64	19	18	18	265	290	197	349	178
		5	201	146	280	298	338	100	166	5	80	44	311	5	64	19	18	18	265	290	197	349	178
		7.5	201	146	280	298	372	100	185	5	80	44	385	5	44	19	18	18	291	290	197	423	178
		7.5	201	146	280	298	372	100	185	5	80	44	385	5	44	19	18	18	291	290	197	423	178
		10	237	173	317	298	396	100	185	5	80	44	385	5	44	19	18	18	291	290	197	423	178
		15	237	173	317	313	396	100	195	5	80	44	476	10	19	19	18	18	304	290	197	514	178
		15	237	173	317	313	396	100	195	5	80	44	476	10	19	19	18	18	304	290	197	514	178
	4	1.5	158	134	232	298	275	100	166	5	80	44	311	5	64	19	18	18	265	290	197	349	178
		2	158	134	232	298	275	100	166	5	80	44	311	5	64	19	18	18	265	290	197	349	178
015-070	2	5	201	146	280	298	338	100	166	5	80	44	311	5	64	19	18	18	265	290	197	349	178
		7.5	201	146	280	298	372	100	185	5	80	44	385	5	44	19	18	18	291	290	197	423	178
		10	237	173	317	298	396	100	185	5	80	44	385	5	44	19	18	18	291	290	197	423	178
		15	237	173	317	313	396	100	195	5	80	44	476	10	19	19	18	18	304	290	197	514	178
	4	1.5	158	134	232	298	275	100	166	5	80	44	311	5	64	19	18	18	265	290	197	349	178
		2	158	134	232	298	275	100	166	5	80	44	311	5	64	19	18	18	265	290	197	349	178
		3	201	146	280	298	338	100	166	5	80	44	311	5	64	19	18	18	265	290	197	349	178
		5	201	146	280	298	338	100	166	5	80	44	311	5	64	19	18	18	265	290	197	349	178
015-090	2	15	237	173	317	335	396	100	201	13	92	25	470	5	44	-	18	18	329	325	222	508	203
		20	303	210	414	335	489	100	188	13	92	25	470	5	44	-	18	18	329	325	222	508	203
		25	303	210	414	323	514	100	183	13	92	25	527	13	25	-	18	18	354	325	222	565	203
		30	303	210	414	323	514	100	183	13	92	25	527	13	25	-	18	18	354	325	222	565	203
	4	1.5	158	134	232	320	275	100	198	-	-	-	334	5	64	-	-	18	265	250	-	372	-
		2	158	134	232	320	275	100	198	-	-	-	334	5	64	-	-	18	265	250	-	372	-
		3	201	146	280	320	338	100	198	-	-	-	334	5	64	-	-	18	265	250	-	372	-
		5	201	146	280	320	338	100	198	-	-	-	334	5	64	-	-	18	265	250	-	372	-
		7.5	237	173	317	320	396	100	217	-	-	-	385	5	44	-	-	18	291	250	-	423	-
		10	237	173	317	320	396	100	217	-	-	-	385	5	44	-	-	18	291	250	-	423	-
015-095	2	15	237	173	317	335	396	100	201	13	92	25	470	5	44	-	18	18	329	325	222	508	203
		20	303	210	414	335	489	100	188	13	92	25	470	5	44	-	18	18	329	325	222	508	203
		25	303	210	414	323	514	100	183	13	92	25	527	13	25	-	18	18	354	325	222	565	203
		30	303	210	414	323	514	100	183	13	92	25	527	13	25	-	18	18	354	325	222	565	203
	4	2	158	134	232	320	275	100	198	-	-	-	334	5	64	-	-	18	265	250	-	372	-
		3	201	146	280	320	338	100	198	-	-	-	334	5	64	-	-	18	265	250	-	372	-
		5	201	146	280	320	338	100	198	-	-	-	334	5	64	-	-	18	265	250	-	372	-
		7.5	237	173	317	320	396	100	217	-	-	-	385	5	44	-	-	18	291	250	-	423	-
		10	237	173	317	320	396	100	217	-	-	-	385	5	44	-	-	18	291	250	-	423	-
020-095	2	15	237	173	317	360	396	100	226	13	92	25	470	5	44	-	18	18	329	325	222	508	203
		20	303	210	414	360	489	100	214	13	92	25	470	5	44	-	18	18	329	325	222	508	203
		25	303	210	414	377	514	100	236	13	92	25	527	13	25	-	18	18	354	325	222	565	203
		30	303	210	414	377	514	100	236	13	92	25	527	13	25	-	18	18	354	325	222	565	203
	4	2	158	134	232	320	275	100	198	-	-	-	334	5	64	-	-	18	265	250	-	372	-
		3	201	146	280	320	338	100	198	-	-	-	334	5	64	-	-	18	265	250	-	372	-
		5	201	146	280	320	338	100	198	-	-	-	334	5	64	-	-	18	265	250	-	372	-
		7.5	237	173	317	320	396	100	217	-	-	-	385	5	44	-	-	18	291	250	-	423	-
		10	237	173	317	320	396	100	217	-	-	-	385	5	44	-	-	18	291	250	-	423	-
020-110	4	5	201	146	280	320	338	100	198	-	-	-	334	5	64	-	-	18	265	250	-	372	-
		7.5	237	173	317	320	396	100	217	-	-	-	385	5	44	-	-	18	291	250	-	423	-
		10	237	173	317	320	396	100	217	-	-	-	385	5	44	-	-	18	291	250	-	423	-
		15	303	210	414	335	489	100	214	-	-	-	476	10	19	-	-	18	304	250	-	514	-
		20	303	210	414	335	489	100	214	-	-	-	476	10	19	-	-	18	304	250	-	514	-

Pump size	Pole	P2 [hp]	MLE specific dimensions				General dimensions [mm] [32]															
			AB-MLE	AF	LL	LP	AG	X	Q	HG3	L8	H5	L6	HG1	H6	L10	D1	D2	B4	B7	L7	L4	H7
020-130	4	7.5	237	173	317	386	396	140	257	-	-	-	385	5	95	-	-	18	291	280	-	423	-
		10	237	173	317	386	396	140	257	-	-	-	385	5	95	-	-	18	291	280	-	423	-
		15	303	210	414	386	489	140	259	-	-	-	483	5	70	-	-	18	329	280	-	521	-
		20	303	210	414	386	489	140	259	-	-	-	483	5	70	-	-	18	329	280	-	521	-
		25	303	210	414	402	558	140	297	-	-	-	514	8	51	-	-	18	385	280	-	552	-
		30	303	210	414	402	558	140	297	-	-	-	514	8	51	-	-	18	385	280	-	552	-
025-070	2	5	201	146	280	320	338	140	153	10	92	19	334	5	64	10	18	18	265	287	222	372	178
		7.5	201	146	280	320	372	140	172	10	92	19	385	5	44	10	18	18	291	287	222	423	178
		10	237	173	317	320	396	140	172	10	92	19	385	5	44	10	18	18	291	287	222	423	178
		15	237	173	317	335	396	140	182	10	92	19	476	10	19	10	18	18	304	287	222	514	178
		20	303	210	414	335	489	140	170	10	92	19	476	10	19	10	18	18	304	287	222	514	178
		25	303	210	414	323	514	140	180	5	95	44	527	13	25	13	18	18	354	312	229	565	203
		30	303	210	414	323	514	140	180	5	95	44	527	13	25	13	18	18	354	312	229	565	203
	4	1.5	158	134	232	320	275	140	153	10	92	19	334	5	64	10	18	18	265	287	222	372	178
		2	158	134	232	320	275	140	153	10	92	19	334	5	64	10	18	18	265	287	222	372	178
		3	201	146	280	320	338	140	153	10	92	19	334	5	64	10	18	18	265	287	222	372	178
		5	201	146	280	320	338	140	153	10	92	19	334	5	64	10	18	18	265	287	222	372	178
025-095	2	25	303	210	414	377	514	100	271	-	-	-	527	13	25	-	-	18	354	280	-	565	-
		30	303	210	414	377	514	100	271	-	-	-	527	13	25	-	-	18	354	280	-	565	-
	4	3	201	146	280	320	338	100	187	-	-	-	334	5	89	-	-	18	265	280	-	372	-
		5	201	146	280	320	338	100	187	-	-	-	334	5	89	-	-	18	265	280	-	372	-
		7.5	237	173	317	320	396	100	206	-	-	-	385	5	70	-	-	18	291	280	-	423	-
		10	237	173	317	320	396	100	206	-	-	-	385	5	70	-	-	18	291	280	-	423	-
025-110	4	7.5	237	173	317	386	396	140	245	-	-	-	385	5	70	-	-	18	291	280	-	423	-
		10	237	173	317	386	396	140	245	-	-	-	385	5	70	-	-	18	291	280	-	423	-
		15	303	210	414	386	489	140	246	-	-	-	470	5	44	-	-	18	329	280	-	508	-
		20	303	210	414	386	489	140	246	-	-	-	470	5	44	-	-	18	329	280	-	508	-
030-070	2	7.5	201	146	280	320	372	140	172	10	92	19	385	5	44	10	18	18	291	287	222	423	178
		10	237	173	317	320	396	140	172	10	92	19	385	5	44	10	18	18	291	287	222	423	178
		15	237	173	317	335	396	140	182	10	92	19	476	10	19	10	18	18	304	287	222	514	178
		20	303	210	414	335	489	140	169	10	92	19	476	10	19	10	18	18	304	287	222	514	178
		25	303	210	414	323	514	140	180	5	95	44	527	13	25	13	18	18	354	312	229	565	203
		30	303	210	414	323	514	140	180	5	95	44	527	13	25	13	18	18	354	312	229	565	203
	4	1.5	158	134	232	320	275	140	153	10	92	19	334	5	64	10	18	18	265	287	222	372	178
		2	158	134	232	320	275	140	153	10	92	19	334	5	64	10	18	18	265	287	222	372	178
		3	201	146	280	320	338	140	153	10	92	19	334	5	64	10	18	18	265	287	222	372	178
		5	201	146	280	320	338	140	153	10	92	19	334	5	64	10	18	18	265	287	222	372	178
030-095	4	5	201	146	280	366	338	140	205	-	-	-	334	5	89	-	-	18	265	315	-	372	-
		7.5	237	173	317	366	396	140	224	-	-	-	385	5	70	-	-	18	291	315	-	423	-
		10	237	173	317	366	396	140	224	-	-	-	385	5	70	-	-	18	291	315	-	423	-
		15	303	210	414	380	489	140	241	-	-	-	470	5	44	-	-	18	329	315	-	508	-
		20	303	210	414	380	489	140	241	-	-	-	470	5	44	-	-	18	329	315	-	508	-
030-110	4	10	237	173	317	386	396	140	245	-	-	-	385	5	70	-	-	18	291	315	-	423	-
		15	303	210	414	386	489	140	246	-	-	-	470	5	44	-	-	18	329	315	-	508	-
		20	303	210	414	386	489	140	246	-	-	-	470	5	44	-	-	18	329	315	-	508	-
030-130	4	15	303	210	414	386	489	140	246	-	-	-	495	5	95	-	-	18	329	315	-	533	-
		20	303	210	414	386	489	140	246	-	-	-	495	5	95	-	-	18	329	315	-	533	-
		25	303	210	414	402	558	140	284	-	-	-	527	8	76	-	-	18	385	315	-	565	-
		30	303	210	414	402	558	140	284	-	-	-	527	8	76	-	-	18	385	315	-	565	-

Pump size	Pole	P2 [hp]	MLE specific dimensions				General dimensions [mm] [32]															
			AB-MLE	AF	LL	LP	AG	X	Q	HG3	L8	H5	L6	HG1	H6	L10	D1	D2	B4	B7	L7	L4	H7
040-070	2	15	237	173	317	360	396	140	201	13	92	25	470	5	44	16	18	18	329	355	222	508	203
		20	303	210	414	360	489	140	188	13	92	25	470	5	44	16	18	18	329	355	222	508	203
		25	303	210	414	348	514	140	183	13	92	25	527	13	25	16	18	18	354	355	222	565	203
		30	303	210	414	348	514	140	183	13	92	25	527	13	25	16	18	18	354	355	222	565	203
	4	1.5	158	134	232	345	275	140	198	-	-	-	334	5	64	-	-	18	265	280	-	372	-
		2	158	134	232	345	275	140	198	-	-	-	334	5	64	-	-	18	265	280	-	372	-
		3	201	146	280	345	338	140	198	-	-	-	334	5	64	-	-	18	265	280	-	372	-
		5	201	146	280	345	338	140	198	-	-	-	334	5	64	-	-	18	265	280	-	372	-
		7.5	237	173	317	345	396	140	217	-	-	-	385	5	44	-	-	18	291	280	-	423	-
		10	237	173	317	345	396	140	217	-	-	-	385	5	44	-	-	18	291	280	-	423	-
040-095	4	7.5	237	173	317	378	396	140	224	-	-	-	385	5	95	-	-	18	291	315	-	423	-
		10	237	173	317	378	396	140	224	-	-	-	385	5	95	-	-	18	291	315	-	423	-
		15	303	210	414	393	489	140	241	-	-	-	483	5	70	-	-	18	329	315	-	521	-
		20	303	210	414	393	489	140	241	-	-	-	483	5	70	-	-	18	329	315	-	521	-
040-110	4	15	303	210	414	399	489	140	246	-	-	-	483	5	70	-	-	18	329	315	-	521	-
		20	303	210	414	399	489	140	246	-	-	-	483	5	70	-	-	18	329	315	-	521	-
		25	303	210	414	415	558	140	284	-	-	-	514	8	51	-	-	18	385	315	-	552	-
		30	303	210	414	415	558	140	284	-	-	-	514	8	51	-	-	18	385	315	-	552	-
040-130	4	15	303	210	414	399	489	140	248	-	-	-	495	5	95	-	-	18	329	315	-	533	-
		20	303	210	414	399	489	140	248	-	-	-	495	5	95	-	-	18	329	315	-	533	-
		25	303	210	414	415	558	140	287	-	-	-	527	8	76	-	-	18	385	315	-	565	-
		30	303	210	414	415	558	140	287	-	-	-	527	8	76	-	-	18	385	315	-	565	-
050-070	2	15	237	173	317	360	396	140	233	-	-	-	470	5	44	-	-	18	329	280	-	508	-
		20	303	210	414	360	489	140	221	-	-	-	470	5	44	-	-	18	329	280	-	508	-
		25	303	210	414	348	514	140	215	-	-	-	527	13	25	-	-	18	354	280	-	565	-
		30	303	210	414	348	514	140	215	-	-	-	527	13	25	-	-	18	354	280	-	565	-
	4	3	201	146	280	345	338	140	185	-	-	-	334	5	89	-	-	18	265	280	-	372	-
		5	201	146	280	345	338	140	185	-	-	-	334	5	89	-	-	18	265	280	-	372	-
		7.5	237	173	317	345	396	140	204	-	-	-	385	5	70	-	-	18	291	280	-	423	-
		10	237	173	317	345	396	140	204	-	-	-	385	5	70	-	-	18	291	280	-	423	-
050-095	4	10	237	173	317	404	396	140	250	-	-	-	406	5	121	-	-	18	291	315	-	445	-
		15	303	210	414	418	489	140	266	-	-	-	495	5	95	-	-	18	329	315	-	533	-
		20	303	210	414	418	489	140	266	-	-	-	495	5	95	-	-	18	329	315	-	533	-
		25	303	210	414	435	558	140	305	-	-	-	527	8	76	-	-	18	385	315	-	565	-
		30	303	210	414	435	558	140	305	-	-	-	527	8	76	-	-	18	385	315	-	565	-
050-110	4	15	303	210	414	399	489	180	246	-	-	-	495	5	95	-	-	18	329	315	-	533	-
		20	303	210	414	399	489	180	246	-	-	-	495	5	95	-	-	18	329	315	-	533	-
		25	303	210	414	415	558	180	284	-	-	-	527	8	76	-	-	18	385	315	-	565	-
		30	303	210	414	415	558	180	284	-	-	-	527	8	76	-	-	18	385	315	-	565	-
060-095	4	15	303	210	414	437	489	180	251	-	-	-	508	5	121	-	-	18	329	400	-	546	-
		20	303	210	414	437	489	180	251	-	-	-	508	5	121	-	-	18	329	400	-	546	-
		25	303	210	414	454	558	180	290	-	-	-	540	8	102	-	-	18	385	400	-	578	-
		30	303	210	414	454	558	180	290	-	-	-	540	8	102	-	-	18	385	400	-	578	-
060-110	4	25	303	210	414	432	558	180	267	-	-	-	540	8	102	-	-	18	385	400	-	578	-
		30	303	210	414	432	558	180	267	-	-	-	540	8	102	-	-	18	385	400	-	578	-

[32] For the drawings, refer to section NB, dimensional drawings

Dimensions for NBE pumps with TEFC motor (230V), MLE, mounting design B and C

For more dimensions, see Section *16.17 Flange and bare pump dimensions*.

Dimensions in inch.

Pump size	Pole	P2 [hp]	MLE specific dimensions				General dimensions [inch] [33]															
			AB-MLE	AF	LL	LP	AG	X	Q	HG3	L8	H5	L6	HG1	H6	L10	D1	D2	B4	B7	L7	L4	H7
012-070	2	3	7.9	5.7	11.0	11.7	13.3	3.9	6.5	0.2	3.1	1.8	12.3	0.2	2.5	0.8	0.7	0.7	10.5	11.4	7.8	13.8	7.0
		5	7.9	5.7	11.0	11.7	13.3	3.9	6.5	0.2	3.1	1.8	12.3	0.2	2.5	0.8	0.7	0.7	10.5	11.4	7.8	13.8	7.0
		7.5	9.3	6.8	12.5	11.7	15.6	3.9	7.3	0.2	3.1	1.8	15.2	0.2	1.8	0.8	0.7	0.7	11.5	11.4	7.8	16.7	7.0
		10	11.9	8.3	16.3	12.3	19.2	3.9	7.2	0.2	3.1	1.8	18.8	0.4	0.8	0.8	0.7	0.7	12.0	11.4	7.8	20.3	7.0
		15	11.9	8.3	16.3	12.3	19.2	3.9	7.2	0.2	3.1	1.8	18.8	0.4	0.8	0.8	0.7	0.7	12.0	11.4	7.8	20.3	7.0
015-070	2	5	7.9	5.7	11.0	11.7	13.3	3.9	6.5	0.2	3.1	1.8	12.3	0.2	2.5	0.8	0.7	0.7	10.5	11.4	7.8	13.8	7.0
		7.5	9.3	6.8	12.5	11.7	15.6	3.9	7.3	0.2	3.1	1.8	15.2	0.2	1.8	0.8	0.7	0.7	11.5	11.4	7.8	16.7	7.0
		10	11.9	8.3	16.3	12.3	19.2	3.9	7.2	0.2	3.1	1.8	18.8	0.4	0.8	0.8	0.7	0.7	12.0	11.4	7.8	20.3	7.0
		15	11.9	8.3	16.3	12.3	19.2	3.9	7.2	0.2	3.1	1.8	18.8	0.4	0.8	0.8	0.7	0.7	12.0	11.4	7.8	20.3	7.0
025-070	2	5	7.9	5.7	11.0	13.2	19.2	5.5	6.7	0.4	3.6	0.8	18.8	0.4	0.8	0.4	0.7	0.7	12.0	11.3	8.8	20.3	7.0
		7.5	9.3	6.8	12.5	12.6	15.6	5.5	6.8	0.4	3.6	0.8	15.2	0.2	1.8	0.4	0.7	0.7	11.5	11.3	8.8	16.7	7.0
		10	11.9	8.3	16.3	13.2	19.2	5.5	6.7	0.4	-	-	18.8	0.4	0.8	-	-	0.7	12.0	11.3	-	20.3	-
		15	11.9	8.3	16.3	13.2	19.2	5.5	6.7	0.4	-	-	18.8	0.4	0.8	-	-	0.7	12.0	11.3	-	20.3	-
030-070	2	7.5	9.3	6.8	12.5	14.2	19.2	5.5	7.4	0.5	-	-	18.5	0.2	1.8	-	-	0.7	13.0	14.0	-	20.0	-
		10	11.9	8.3	16.3	14.2	19.2	5.5	8.7	0.0	-	-	18.5	0.2	1.8	-	-	0.7	13.0	11.0	-	20.0	-
		15	11.9	8.3	16.3	13.2	19.2	5.5	7.4	0.5	-	-	18.5	0.2	1.8	-	-	0.7	13.0	12.8	-	20.0	-

[33] For the drawings, refer to section NB, dimensional drawings

Dimensions in mm.

Pump size	Pole	P2 [hp]	MLE specific dimensions				General dimensions [mm] [33]															
			AB-MLE	AF	LL	LP	AG	X	Q	HG3	L8	H5	L6	HG1	H6	L10	D1	D2	B4	B7	L7	L4	H7
012-070	2	3	201	146	280	298	338	100	166	5	80	44	311	5	64	19	18	18	265	290	197	349	178
		5	201	146	280	298	338	100	166	5	80	44	311	5	64	19	18	18	265	290	197	349	178
		7.5	237	173	317	298	396	100	185	5	80	44	385	5	44	19	18	18	291	290	197	423	178
		10	303	210	414	313	488	100	182	5	80	44	476	10	19	19	18	18	304	290	197	514	178
		15	303	210	414	313	488	100	182	5	80	44	476	10	19	19	18	18	304	290	197	514	178
015-070	2	5	201	146	280	298	338	100	166	5	80	44	311	5	64	19	18	18	265	290	197	349	178
		7.5	237	173	317	298	396	100	185	5	80	44	385	5	44	19	18	18	291	290	197	423	178
		10	303	210	414	313	488	100	182	5	80	44	476	10	19	19	18	18	304	290	197	514	178
		15	303	210	414	313	488	100	182	5	80	44	476	10	19	19	18	18	304	290	197	514	178
025-070	2	5	201	146	280	335	488	140	170	10	92	19	476	10	19	10	18	18	304	287	222	514	178
		7.5	237	173	317	320	396	140	172	10	92	19	385	5	44	10	18	18	291	287	222	423	178
		10	303	210	414	335	488	140	169	10	-	-	476	10	19	-	-	18	304	287	-	514	-
		15	303	210	414	335	488	140	169	10	-	-	476	10	19	-	-	18	304	287	-	514	-
030-070	2	7.5	237	173	317	360	488	140	188	13	-	-	470	5	44	-	-	18	329	355	-	508	-
		10	303	210	414	360	488	140	221	0	-	-	470	5	44	-	-	18	329	280	-	508	-
		15	303	210	414	335	488	140	188	13	-	-	470	5	44	-	-	18	329	325	-	508	-

[33] For the drawings, refer to section NB, dimensional drawings

Dimensions for NBE pumps with TEFC motor (460 V), MLE, mounting design F

For more dimensions, see Section *16.17 Flange and bare pump dimensions*.

Dimensions in inch.

Pump size	Pole	P2 [hp]	LP	AG	X	H3	H4	D	A2	L1	L2	L3	L4	B1	B2	B3	AF
012-070	2	3	11.7	10.8	3.9	7.9	14.1	0.6	6.3	35.2	6.3	17.9	11.0	11.3	15.6	13.6	5.3
		5	11.7	13.3	3.9	7.9	15.8	0.6	6.3	35.2	6.3	17.9	11.0	11.3	15.6	13.6	5.7
		7.5	11.7	14.6	3.9	8.0	15.9	0.6	6.3	34.6	6.3	17.0	11.3	11.3	15.6	13.6	5.7
		10	11.7	15.6	3.9	8.0	17.3	0.6	6.3	34.6	6.3	17.0	11.3	11.3	15.6	13.6	6.8
		15	12.3	15.6	3.9	9.0	18.3	0.6	6.9	38.0	6.9	20.4	10.8	13.0	17.4	15.4	6.8
	4	1.5	11.7	10.8	3.9	7.9	14.1	0.6	5.7	32.8	5.7	17.9	9.3	11.1	13.8	12.7	5.3
		2	11.7	10.8	3.9	7.9	14.1	0.6	5.7	32.8	5.7	17.9	9.3	11.1	13.8	12.7	5.3
015-070	2	5	11.7	13.3	3.9	7.9	15.8	0.6	6.3	35.2	6.3	17.9	11.0	11.3	15.6	13.6	5.7
		7.5	11.7	14.6	3.9	8.0	15.9	0.6	6.3	34.6	6.3	17.0	11.3	11.3	15.6	13.6	5.7
		10	11.7	15.6	3.9	8.0	17.3	0.6	6.3	34.6	6.3	17.0	11.3	11.3	15.6	13.6	6.8
		15	12.3	15.6	3.9	9.0	18.3	0.6	6.9	38.0	6.9	20.4	10.8	13.0	17.4	15.4	6.8
		20	12.3	19.2	3.9	9.0	20.9	0.6	6.9	38.0	6.9	20.4	10.8	13.0	17.4	15.4	8.3
	4	1.5	11.7	10.8	3.9	7.9	14.1	0.6	5.7	32.8	5.7	17.9	9.3	11.1	13.8	12.7	5.3
		2	11.7	10.8	3.9	7.9	14.1	0.6	5.7	32.8	5.7	17.9	9.3	11.1	13.8	12.7	5.3
		3	11.7	13.3	3.9	7.9	15.8	0.6	5.7	32.8	5.7	17.9	9.3	11.1	13.8	12.7	5.7
		5	11.7	13.3	3.9	7.9	15.8	0.6	5.7	32.8	5.7	17.9	9.3	11.1	13.8	12.7	5.7
015-090	2	15	13.2	15.6	3.9	9.7	19.0	0.6	6.5	41.6	6.5	22.4	12.8	14.8	19.1	17.2	6.8
		20	13.2	19.2	3.9	9.7	21.6	0.6	6.5	41.6	6.5	22.4	12.8	14.8	19.1	17.2	8.3
		25	12.7	20.2	3.9	10.2	22.2	0.6	7.3	40.2	7.3	20.2	12.7	14.8	18.1	16.8	8.3
		30	12.7	20.2	3.9	10.2	22.2	0.6	7.3	40.2	7.3	20.2	12.7	14.8	18.1	16.8	8.3
	4	1.5	12.6	10.8	3.9	9.7	15.9	0.6	5.9	33.1	5.9	17.9	9.4	14.6	17.3	16.2	5.3
		2	12.6	10.8	3.9	9.7	15.9	0.6	5.9	33.1	5.9	17.9	9.4	14.6	17.3	16.2	5.3
		3	12.6	13.3	3.9	9.7	17.6	0.6	5.9	33.1	5.9	17.9	9.4	14.6	17.3	16.2	5.7
		5	12.6	13.3	3.9	9.7	17.6	0.6	5.9	33.1	5.9	17.9	9.4	14.6	17.3	16.2	5.7
		7.5	12.6	15.6	3.9	9.7	19.0	0.6	5.9	32.6	5.9	17.0	9.7	14.6	17.3	16.2	6.8
		10	12.6	15.6	3.9	9.7	19.0	0.6	5.9	32.6	5.9	17.0	9.7	14.6	17.3	16.2	6.8
015-095	2	15	13.2	15.6	3.9	9.7	19.0	0.6	6.5	41.6	6.5	22.4	12.8	14.8	19.1	17.2	6.8
		20	13.2	19.2	3.9	9.7	21.6	0.6	6.5	41.6	6.5	22.4	12.8	14.8	19.1	17.2	8.3
		25	12.7	20.2	3.9	10.2	22.2	0.6	7.3	40.2	7.3	20.2	12.7	14.8	18.1	16.8	8.3
		30	12.7	20.2	3.9	10.2	22.2	0.6	7.3	40.2	7.3	20.2	12.7	14.8	18.1	16.8	8.3
	4	2	12.6	10.8	3.9	9.7	15.9	0.6	5.9	33.1	5.9	17.9	9.4	14.6	17.3	16.2	5.3
		3	12.6	13.3	3.9	9.7	17.6	0.6	5.9	33.1	5.9	17.9	9.4	14.6	17.3	16.2	5.7
		5	12.6	13.3	3.9	9.7	17.6	0.6	5.9	33.1	5.9	17.9	9.4	14.6	17.3	16.2	5.7
		7.5	12.6	15.6	3.9	9.7	19.0	0.6	5.9	32.6	5.9	17.0	9.7	14.6	17.3	16.2	6.8
		10	12.6	15.6	3.9	9.7	19.0	0.6	5.9	32.6	5.9	17.0	9.7	14.6	17.3	16.2	6.8
020-095	2	15	14.8	15.6	3.9	9.7	19.0	0.6	6.5	42.0	6.5	23.4	12.2	14.8	19.1	17.2	6.8
		20	14.8	19.2	3.9	9.7	21.6	0.6	6.5	42.0	6.5	23.4	12.2	14.8	19.1	17.2	8.3
		25	14.8	20.2	3.9	10.2	22.2	0.6	7.3	40.6	7.3	21.4	11.9	14.8	18.1	16.8	8.3
		30	14.8	20.2	3.9	10.2	22.2	0.6	7.3	40.6	7.3	21.4	11.9	14.8	18.1	16.8	8.3
	4	2	12.6	10.8	3.9	9.7	15.9	0.6	5.9	33.1	5.9	17.9	9.4	14.6	17.3	16.2	5.3
		3	12.6	13.3	3.9	9.7	17.6	0.6	5.9	33.1	5.9	17.9	9.4	14.6	17.3	16.2	5.7
		5	12.6	13.3	3.9	9.7	17.6	0.6	5.9	33.1	5.9	17.9	9.4	14.6	17.3	16.2	5.7
		7.5	12.6	15.6	3.9	9.7	19.0	0.6	5.9	32.6	5.9	17.0	9.7	14.6	17.3	16.2	6.8
		10	12.6	15.6	3.9	9.7	19.0	0.6	5.9	32.6	5.9	17.0	9.7	14.6	17.3	16.2	6.8
020-110	4	5	12.6	13.3	3.9	9.7	17.6	0.6	5.9	33.1	5.9	17.9	9.4	14.6	17.3	16.2	5.7
		7.5	12.6	15.6	3.9	9.7	19.0	0.6	5.9	32.6	5.9	17.0	9.7	14.6	17.3	16.2	6.8
		10	12.6	15.6	3.9	9.7	19.0	0.6	5.9	32.6	5.9	17.0	9.7	14.6	17.3	16.2	6.8
		15	13.2	19.2	3.9	9.7	21.6	0.6	5.9	38.8	5.9	21.6	11.4	14.6	17.3	16.2	8.3
		20	13.2	19.2	3.9	9.7	21.6	0.6	5.9	38.8	5.9	21.6	11.4	14.6	17.3	16.2	8.3

Pump size	Pole	P2 [hp]	LP	AG	X	H3	H4	D	A2	L1	L2	L3	L4	B1	B2	B3	AF
020-135	4	7.5	15.2	15.6	5.5	12.0	21.3	0.6	6.5	34.6	6.5	18.3	9.7	15.6	18.9	17.6	6.8
		10	15.2	15.6	5.5	12.0	21.3	0.6	6.5	34.6	6.5	18.3	9.7	15.6	18.9	17.6	6.8
		15	15.2	19.2	5.5	12.0	23.9	0.6	6.5	40.8	6.5	22.6	11.7	15.6	18.9	17.6	8.3
		20	15.2	19.2	5.5	12.0	23.9	0.6	6.5	40.8	6.5	22.6	11.7	15.6	18.9	17.6	8.3
		25	15.8	22.0	5.5	12.0	23.9	0.6	6.5	41.0	6.5	22.5	12.1	15.6	18.9	17.6	8.3
		30	15.8	22.0	5.5	12.0	23.9	0.6	6.5	41.0	6.5	22.5	12.1	15.6	18.9	17.6	8.3
025-070	2	5	12.6	13.3	5.5	9.6	17.5	1.0	7.7	36.9	7.7	17.6	11.6	13.2	18.7	16.3	5.7
		7.5	12.6	14.6	5.5	9.6	17.5	1.0	7.7	36.9	7.7	17.6	11.6	13.2	18.7	16.3	5.7
		10	12.6	15.6	5.5	9.6	18.9	1.0	7.7	36.9	7.7	17.6	11.6	13.2	18.7	16.3	6.8
		15	13.2	15.6	5.5	9.7	19.0	1.0	7.7	39.6	7.7	20.4	11.6	13.2	18.7	16.3	6.8
		20	13.2	19.2	5.5	9.7	21.6	1.0	7.7	39.6	7.7	20.4	11.6	13.2	18.7	16.3	8.3
		25	12.7	20.2	5.5	10.4	22.4	1.0	7.5	40.6	7.5	20.2	12.9	15.0	20.5	18.0	8.3
		30	12.7	20.2	5.5	10.4	22.4	1.0	7.5	40.6	7.5	20.2	12.9	15.0	20.5	18.0	8.3
	4	1.5	12.6	10.8	5.5	9.6	15.8	0.6	7.1	35.2	7.1	17.9	10.2	13.0	16.8	15.2	5.3
		2	12.6	10.8	5.5	9.6	15.8	0.6	7.1	35.2	7.1	17.9	10.2	13.0	16.8	15.2	5.3
		3	12.6	13.3	5.5	9.6	17.5	0.6	7.1	35.2	7.1	17.9	10.2	13.0	16.8	15.2	5.7
		5	12.6	13.3	5.5	9.6	17.5	0.6	7.1	35.2	7.1	17.9	10.2	13.0	16.8	15.2	5.7
025-095	2	25	14.8	20.2	3.9	12.5	24.5	1.0	8.9	43.0	8.9	21.4	12.8	18.3	27.2	21.9	8.3
		30	14.8	20.2	3.9	12.5	24.5	1.0	8.9	43.0	8.9	21.4	12.8	18.3	27.2	21.9	8.3
	4	3	12.6	13.3	3.9	11.0	18.9	0.6	6.9	35.1	6.9	18.3	10.0	18.0	21.3	19.9	5.7
		5	12.6	13.3	3.9	11.0	18.9	0.6	6.9	35.1	6.9	18.3	10.0	18.0	21.3	19.9	5.7
		7.5	12.6	15.6	3.9	11.0	20.3	0.6	6.9	34.8	6.9	17.4	10.5	18.0	21.3	19.9	6.8
		10	12.6	15.6	3.9	11.0	20.3	0.6	6.9	34.8	6.9	17.4	10.5	18.0	21.3	19.9	6.8
025-110	4	7.5	15.2	15.6	5.5	12.1	21.5	0.6	8.1	37.3	8.1	18.3	10.9	16.5	22.0	19.1	6.8
		10	15.2	15.6	5.5	12.1	21.5	0.6	8.1	37.3	8.1	18.3	10.9	16.5	22.0	19.1	6.8
		15	15.2	19.2	5.5	12.1	24.1	0.6	8.1	43.8	8.1	22.5	13.3	16.5	22.0	19.1	8.3
		20	15.2	19.2	5.5	12.1	24.1	0.6	8.1	43.8	8.1	22.5	13.3	16.5	22.0	19.1	8.3
030-070	2	7.5	12.6	14.6	5.5	9.6	17.5	1.0	7.7	35.9	7.7	17.4	10.9	13.2	18.7	16.3	5.7
		10	12.6	15.6	5.5	9.6	18.9	1.0	7.7	35.9	7.7	17.4	10.9	13.2	18.7	16.3	6.8
		15	13.2	15.6	5.5	9.7	19.0	1.0	7.7	39.6	7.7	20.4	11.6	13.2	18.7	16.3	6.8
		20	13.2	19.2	5.5	9.7	21.6	1.0	7.7	39.6	7.7	20.4	11.6	13.2	18.7	16.3	8.3
		25	12.7	20.2	5.5	10.4	22.4	1.0	7.5	40.6	7.5	20.2	12.9	15.0	20.5	18.0	8.3
		30	12.7	20.2	5.5	10.4	22.4	1.0	7.5	40.6	7.5	20.2	12.9	15.0	20.5	18.0	8.3
	4	1.5	12.6	10.8	5.5	9.6	15.8	0.6	7.1	35.2	7.1	17.9	10.2	13.0	16.8	15.2	5.3
		2	12.6	10.8	5.5	9.6	15.8	0.6	7.1	35.2	7.1	17.9	10.2	13.0	16.8	15.2	5.3
		3	12.6	13.3	5.5	9.6	17.5	0.6	7.1	35.2	7.1	17.9	10.2	13.0	16.8	15.2	5.7
		5	12.6	13.3	5.5	9.6	17.5	0.6	7.1	35.2	7.1	17.9	10.2	13.0	16.8	15.2	5.7
030-095	4	5	14.4	13.3	5.5	11.0	18.9	0.6	6.9	35.1	6.9	18.3	10.0	18.0	21.3	19.9	5.7
		7.5	14.4	15.6	5.5	11.0	20.3	0.6	6.9	34.8	6.9	17.4	10.5	18.0	21.3	19.9	6.8
		10	14.4	15.6	5.5	11.0	20.3	0.6	6.9	34.8	6.9	17.4	10.5	18.0	21.3	19.9	6.8
		15	15.0	19.2	5.5	11.7	23.7	0.6	7.5	42.0	7.5	22.3	12.1	18.0	21.7	20.2	8.3
		20	15.0	19.2	5.5	11.7	23.7	0.6	7.5	42.0	7.5	22.3	12.1	18.0	21.7	20.2	8.3
030-110	4	10	15.2	15.6	5.5	11.0	20.3	0.6	6.9	35.0	6.9	18.3	9.7	18.0	21.3	19.9	6.8
		15	15.2	19.2	5.5	11.7	23.7	0.6	7.5	42.2	7.5	22.6	12.1	18.0	21.7	20.2	8.3
		20	15.2	19.2	5.5	11.7	23.7	0.6	7.5	42.2	7.5	22.6	12.1	18.0	21.7	20.2	8.3
030-135	4	15	15.2	19.2	5.5	12.7	24.6	0.6	7.3	44.4	7.3	23.6	13.5	18.0	22.3	20.3	8.3
		20	15.2	19.2	5.5	12.7	24.6	0.6	7.3	44.4	7.3	23.6	13.5	18.0	22.3	20.3	8.3
		25	15.8	22.0	5.5	12.7	24.6	0.6	7.3	44.4	7.3	23.6	13.5	18.0	22.3	20.3	8.3
		30	15.8	22.0	5.5	12.7	24.6	0.6	7.3	44.4	7.3	23.6	13.5	18.0	22.3	20.3	8.3

Pump size	Pole	P2 [hp]	LP	AG	X	H3	H4	D	A2	L1	L2	L3	L4	B1	B2	B3	AF
040-070	2	10	13.6	15.6	5.5	9.7	19.0	0.6	7.5	36.9	7.5	17.4	12.1	15.6	18.9	17.6	6.8
		15	14.2	15.6	5.5	10.2	19.5	0.6	7.5	43.2	7.5	22.4	13.3	15.6	18.9	17.6	6.8
		20	14.2	19.2	5.5	10.2	22.1	0.6	7.5	43.2	7.5	22.4	13.3	15.6	18.9	17.6	8.3
		25	13.7	20.2	5.5	10.8	22.7	0.6	7.1	39.6	7.1	20.2	12.3	15.6	19.4	17.8	8.3
		30	13.7	20.2	5.5	10.8	22.7	0.6	7.1	39.6	7.1	20.2	12.3	15.6	19.4	17.8	8.3
	4	1.5	13.6	10.8	5.5	9.7	15.9	0.6	6.3	33.9	6.3	17.8	9.8	15.4	18.1	17.0	5.3
		2	13.6	10.8	5.5	9.7	15.9	0.6	6.3	33.9	6.3	17.8	9.8	15.4	18.1	17.0	5.3
		3	13.6	13.3	5.5	9.7	17.6	0.6	6.3	33.9	6.3	17.8	9.8	15.4	18.1	17.0	5.7
		5	13.6	13.3	5.5	9.7	17.6	0.6	6.3	33.9	6.3	17.8	9.8	15.4	18.1	17.0	5.7
		7.5	13.6	15.6	5.5	9.7	19.0	0.6	6.3	33.9	6.3	17.8	9.8	15.4	18.1	17.0	6.8
		10	13.6	15.6	5.5	9.7	19.0	0.6	6.3	33.9	6.3	17.8	9.8	15.4	18.1	17.0	6.8
040-095	4	7.5	14.9	15.6	5.5	12.0	21.3	0.6	6.9	34.6	6.9	17.8	9.9	18.0	21.3	19.9	6.8
		10	14.9	15.6	5.5	12.0	21.3	0.6	6.9	34.6	6.9	17.8	9.9	18.0	21.3	19.9	6.8
		15	15.5	19.2	5.5	12.0	23.9	0.6	6.9	40.8	6.9	22.3	11.6	18.0	21.3	19.9	8.3
		20	15.5	19.2	5.5	12.0	23.9	0.6	6.9	40.8	6.9	22.3	11.6	18.0	21.3	19.9	8.3
040-110	4	15	15.7	19.2	5.5	12.0	23.9	0.6	6.9	41.2	6.9	22.6	11.7	18.0	21.3	19.9	8.3
		20	15.7	19.2	5.5	12.0	23.9	0.6	6.9	41.2	6.9	22.6	11.7	18.0	21.3	19.9	8.3
		25	16.3	22.0	5.5	13.1	25.1	0.6	8.1	43.8	8.1	22.5	13.3	18.1	23.6	20.6	8.3
		30	16.3	22.0	5.5	13.1	25.1	0.6	8.1	43.8	8.1	22.5	13.3	18.1	23.6	20.6	8.3
040-135	4	15	15.7	19.2	5.5	12.7	24.6	0.6	7.3	44.4	7.3	23.6	13.5	18.0	22.3	20.3	8.3
		20	15.7	19.2	5.5	12.7	24.6	0.6	7.3	44.4	7.3	23.6	13.5	18.0	22.3	20.3	8.3
		25	16.3	22.0	5.5	12.7	24.6	0.6	7.3	44.4	7.3	23.6	13.5	18.0	22.3	20.3	8.3
		30	16.3	22.0	5.5	12.7	24.6	0.6	7.3	44.4	7.3	23.6	13.5	18.0	22.3	20.3	8.3
050-070	2	10	13.6	15.6	5.5	12.1	21.5	0.6	8.1	37.3	8.1	17.3	12.0	16.5	22.0	19.1	6.8
		15	14.2	15.6	5.5	12.1	21.5	0.6	8.1	44.0	8.1	21.6	14.3	16.5	22.0	19.1	6.8
		20	14.2	19.2	5.5	12.1	24.1	0.6	8.1	44.0	8.1	21.6	14.3	16.5	22.0	19.1	8.3
		25	13.7	20.2	5.5	12.1	24.1	0.6	8.1	44.0	8.1	21.6	14.3	16.5	22.0	19.1	8.3
		30	13.7	20.2	5.5	12.1	24.1	0.6	8.1	44.0	8.1	21.6	14.3	16.5	22.0	19.1	8.3
	4	3	13.6	13.3	5.5	12.1	20.0	0.6	8.1	37.3	8.1	17.3	12.0	16.5	22.0	19.1	5.7
		5	13.6	13.3	5.5	12.1	20.0	0.6	8.1	37.3	8.1	17.3	12.0	16.5	22.0	19.1	5.7
		7.5	13.6	15.6	5.5	12.1	21.5	0.6	8.1	37.3	8.1	17.3	12.0	16.5	22.0	19.1	6.8
		10	13.6	15.6	5.5	12.1	21.5	0.6	8.1	37.3	8.1	17.3	12.0	16.5	22.0	19.1	6.8
050-095	4	10	15.9	15.6	5.5	12.7	22.0	0.6	6.7	36.1	6.7	19.3	10.1	17.8	20.5	19.4	6.8
		15	16.5	19.2	5.5	12.7	24.6	0.6	6.7	42.4	6.7	23.6	12.1	17.8	20.5	19.4	8.3
		20	16.5	19.2	5.5	12.7	24.6	0.6	6.7	42.4	6.7	23.6	12.1	17.8	20.5	19.4	8.3
		25	17.1	22.0	5.5	12.7	24.6	0.6	6.7	42.4	6.7	23.6	12.1	17.8	20.5	19.4	8.3
		30	17.1	22.0	5.5	12.7	24.6	0.6	6.7	42.4	6.7	23.6	12.1	17.8	20.5	19.4	8.3
050-110	4	15	15.7	19.2	7.1	12.7	24.6	0.6	7.3	44.4	7.3	23.6	13.5	18.0	22.3	20.3	8.3
		20	15.7	19.2	7.1	12.7	24.6	0.6	7.3	44.4	7.3	23.6	13.5	18.0	22.3	20.3	8.3
		25	16.3	22.0	7.1	12.7	24.6	0.6	7.3	44.4	7.3	23.6	13.5	18.0	22.3	20.3	8.3
		30	16.3	22.0	7.1	12.7	24.6	0.6	7.3	44.4	7.3	23.6	13.5	18.0	22.3	20.3	8.3
060-095	4	15	17.2	19.2	7.1	16.1	28.0	1.0	10.8	46.9	10.8	22.1	13.9	22.0	31.9	25.7	8.3
		20	17.2	19.2	7.1	16.1	28.0	1.0	10.8	46.9	10.8	22.1	13.9	22.0	31.9	25.7	8.3
		25	17.9	22.0	7.1	16.1	28.0	1.0	11.8	52.4	11.8	24.2	16.4	22.0	31.9	25.7	8.3
		30	17.9	22.0	7.1	16.1	28.0	1.0	11.8	52.4	11.8	24.2	16.4	22.0	31.9	25.7	8.3
060-110	4	25	17.0	22.0	7.1	16.1	28.0	1.0	10.8	51.9	10.8	24.7	16.3	22.0	31.9	25.7	8.3
		30	17.0	22.0	7.1	16.1	28.0	1.0	10.8	51.9	10.8	24.7	16.3	22.0	31.9	25.7	8.3

Dimensions in mm.

Pump size	Pole	P2 [hp]	LP	AG	X	H3	H4	D	A2	L1	L2	L3	L4	B1	B2	B3	AF
012-070	2	3	298	275	100	201	359	16	160	894	160	454	280	286	396	346	134
		5	298	337	100	201	402	16	160	894	160	454	280	286	396	346	146
		7.5	298	372	100	203	404	16	160	880	160	432	288	286	396	346	146
		10	298	396	100	203	440	16	160	880	160	432	288	286	396	346	173
		15	313	396	100	228	465	16	175	966	175	517	274	331	441	391	173
	4	1.5	298	275	100	201	359	16	145	834	145	454	235	282	350	322	134
		2	298	275	100	201	359	16	145	834	145	454	235	282	350	322	134
015-070	2	5	298	337	100	201	402	16	160	894	160	454	280	286	396	346	146
		7.5	298	372	100	203	404	16	160	880	160	432	288	286	396	346	146
		10	298	396	100	203	440	16	160	880	160	432	288	286	396	346	173
		15	313	396	100	228	465	16	175	966	175	517	274	331	441	391	173
		20	313	489	100	228	531	16	175	966	175	517	274	331	441	391	210
	4	1.5	298	275	100	201	359	16	145	834	145	454	235	282	350	322	134
		2	298	275	100	201	359	16	145	834	145	454	235	282	350	322	134
		3	298	337	100	201	402	16	145	834	145	454	235	282	350	322	146
		5	298	337	100	201	402	16	145	834	145	454	235	282	350	322	146
015-090	2	15	335	396	100	246	483	16	165	1057	165	568	324	376	486	436	173
		20	335	489	100	246	549	16	165	1057	165	568	324	376	486	436	210
		25	323	514	100	260	563	16	185	1020	185	512	323	376	460	426	210
		30	323	514	100	260	563	16	185	1020	185	512	323	376	460	426	210
	4	1.5	320	275	100	246	404	16	150	842	150	454	238	372	440	412	134
		2	320	275	100	246	404	16	150	842	150	454	238	372	440	412	134
		3	320	337	100	246	447	16	150	842	150	454	238	372	440	412	146
		5	320	337	100	246	447	16	150	842	150	454	238	372	440	412	146
		7.5	320	396	100	246	483	16	150	828	150	432	246	372	440	412	173
		10	320	396	100	246	483	16	150	828	150	432	246	372	440	412	173
015-095	2	15	335	396	100	246	483	16	165	1057	165	568	324	376	486	436	173
		20	335	489	100	246	549	16	165	1057	165	568	324	376	486	436	210
		25	323	514	100	260	563	16	185	1020	185	512	323	376	460	426	210
		30	323	514	100	260	563	16	185	1020	185	512	323	376	460	426	210
	4	2	320	275	100	246	404	16	150	842	150	454	238	372	440	412	134
		3	320	337	100	246	447	16	150	842	150	454	238	372	440	412	146
		5	320	337	100	246	447	16	150	842	150	454	238	372	440	412	146
		7.5	320	396	100	246	483	16	150	828	150	432	246	372	440	412	173
		10	320	396	100	246	483	16	150	828	150	432	246	372	440	412	173
020-095	2	15	376	396	100	246	483	16	165	1068	165	594	309	376	486	436	173
		20	376	489	100	246	549	16	165	1068	165	594	309	376	486	436	210
		25	377	514	100	260	563	16	185	1031	185	544	302	376	460	426	210
		30	377	514	100	260	563	16	185	1031	185	544	302	376	460	426	210
	4	2	320	275	100	246	404	16	150	842	150	454	238	372	440	412	134
		3	320	337	100	246	447	16	150	842	150	454	238	372	440	412	146
		5	320	337	100	246	447	16	150	842	150	454	238	372	440	412	146
		7.5	320	396	100	246	483	16	150	828	150	432	246	372	440	412	173
		10	320	396	100	246	483	16	150	828	150	432	246	372	440	412	173
020-110	4	5	320	337	100	246	447	16	150	842	150	454	238	372	440	412	146
		7.5	320	396	100	246	483	16	150	828	150	432	246	372	440	412	173
		10	320	396	100	246	483	16	150	828	150	432	246	372	440	412	173
		15	335	489	100	246	549	16	150	986	150	548	289	372	440	412	210
		20	335	489	100	246	549	16	150	986	150	548	289	372	440	412	210

Pump size	Pole	P2 [hp]	LP	AG	X	H3	H4	D	A2	L1	L2	L3	L4	B1	B2	B3	AF
020-135	4	7.5	386	396	140	304	541	16	165	878	165	465	248	396	480	446	173
		10	386	396	140	304	541	16	165	878	165	465	248	396	480	446	173
		15	386	489	140	304	607	16	165	1036	165	574	298	396	480	446	210
		20	386	489	140	304	607	16	165	1036	165	574	298	396	480	446	210
		25	402	558	140	304	607	16	165	1042	165	570	307	396	480	446	210
		30	402	558	140	304	607	16	165	1042	165	570	307	396	480	446	210
025-070	2	5	320	337	140	244	445	26	195	937	195	448	294	335	475	413	146
		7.5	320	372	140	244	445	26	195	937	195	448	294	335	475	413	146
		10	320	396	140	244	481	26	195	937	195	448	294	335	475	413	173
		15	335	396	140	246	483	26	195	1006	195	517	294	335	475	413	173
		20	335	489	140	246	549	26	195	1006	195	517	294	335	475	413	210
		25	323	514	140	265	568	26	190	1031	190	512	329	380	520	458	210
		30	323	514	140	265	568	26	190	1031	190	512	329	380	520	458	210
	4	1.5	320	275	140	244	402	16	180	894	180	454	260	331	427	387	134
		2	320	275	140	244	402	16	180	894	180	454	260	331	427	387	134
		3	320	337	140	244	445	16	180	894	180	454	260	331	427	387	146
		5	320	337	140	244	445	16	180	894	180	454	260	331	427	387	146
025-095	2	25	377	514	100	318	621	26	225	1093	225	544	324	464	690	556	210
		30	377	514	100	318	621	26	225	1093	225	544	324	464	690	556	210
	4	3	320	337	100	278	479	16	175	892	175	464	253	456	540	506	146
		5	320	337	100	278	479	16	175	892	175	464	253	456	540	506	146
		7.5	320	396	100	278	515	16	175	883	175	442	266	456	540	506	173
		10	320	396	100	278	515	16	175	883	175	442	266	456	540	506	173
025-110	4	7.5	386	396	140	308	545	16	205	948	205	465	278	420	560	484	173
		10	386	396	140	308	545	16	205	948	205	465	278	420	560	484	173
		15	386	489	140	308	611	16	205	1112	205	570	337	420	560	484	210
		20	386	489	140	308	611	16	205	1112	205	570	337	420	560	484	210
030-070	2	7.5	320	372	140	244	445	26	195	913	195	441	277	335	475	413	146
		10	320	396	140	244	481	26	195	913	195	441	277	335	475	413	173
		15	335	396	140	246	483	26	195	1006	195	517	294	335	475	413	173
		20	335	489	140	246	549	26	195	1006	195	517	294	335	475	413	210
		25	323	514	140	265	568	26	190	1031	190	512	329	380	520	458	210
		30	323	514	140	265	568	26	190	1031	190	512	329	380	520	458	210
	4	1.5	320	275	140	244	402	16	180	894	180	454	260	331	427	387	134
		2	320	275	140	244	402	16	180	894	180	454	260	331	427	387	134
		3	320	337	140	244	445	16	180	894	180	454	260	331	427	387	146
		5	320	337	140	244	445	16	180	894	180	454	260	331	427	387	146
030-095	4	5	366	337	140	278	479	16	175	892	175	464	253	456	540	506	146
		7.5	366	396	140	278	515	16	175	883	175	442	266	456	540	506	173
		10	366	396	140	278	515	16	175	883	175	442	266	456	540	506	173
		15	381	489	140	298	601	16	190	1066	190	568	309	456	552	512	210
		20	381	489	140	298	601	16	190	1066	190	568	309	456	552	512	210
030-110	4	10	386	396	140	278	515	16	175	888	175	465	248	456	540	506	173
		15	386	489	140	298	601	16	190	1071	190	574	308	456	552	512	210
		20	386	489	140	298	601	16	190	1071	190	574	308	456	552	512	210
030-135	4	15	386	489	140	322	625	16	185	1129	185	601	343	456	566	516	210
		20	386	489	140	322	625	16	185	1129	185	601	343	456	566	516	210
		25	402	558	140	322	625	16	185	1129	185	601	343	456	566	516	210
		30	402	558	140	322	625	16	185	1129	185	601	343	456	566	516	210

Pump size	Pole	P2 [hp]	LP	AG	X	H3	H4	D	A2	L1	L2	L3	L4	B1	B2	B3	AF
040-070	2	10	346	396	140	246	483	16	190	938	190	441	307	396	480	446	173
		15	361	396	140	259	496	16	190	1097	190	568	339	396	480	446	173
		20	361	489	140	259	562	16	190	1097	190	568	339	396	480	446	210
		25	349	514	140	275	578	16	180	1005	180	512	313	396	492	452	210
		30	349	514	140	275	578	16	180	1005	180	512	313	396	492	452	210
	4	1.5	346	275	140	246	404	16	160	862	160	453	249	392	460	432	134
		2	346	275	140	246	404	16	160	862	160	453	249	392	460	432	134
		3	346	337	140	246	447	16	160	862	160	453	249	392	460	432	146
		5	346	337	140	246	447	16	160	862	160	453	249	392	460	432	146
		7.5	346	396	140	246	483	16	160	862	160	453	249	392	460	432	173
		10	346	396	140	246	483	16	160	862	160	453	249	392	460	432	173
040-095	4	7.5	378	396	140	304	541	16	175	879	175	452	252	456	540	506	173
		10	378	396	140	304	541	16	175	879	175	452	252	456	540	506	173
		15	393	489	140	304	607	16	175	1036	175	568	294	456	540	506	210
		20	393	489	140	304	607	16	175	1036	175	568	294	456	540	506	210
040-110	4	15	399	489	140	304	607	16	175	1046	175	574	298	456	540	506	210
		20	399	489	140	304	607	16	175	1046	175	574	298	456	540	506	210
		25	415	558	140	334	637	16	205	1112	205	570	337	460	600	524	210
		30	415	558	140	334	637	16	205	1112	205	570	337	460	600	524	210
040-135	4	15	399	489	140	322	625	16	185	1129	185	601	343	456	566	516	210
		20	399	489	140	322	625	16	185	1129	185	601	343	456	566	516	210
		25	415	558	140	322	625	16	185	1129	185	601	343	456	566	516	210
		30	415	558	140	322	625	16	185	1129	185	601	343	456	566	516	210
050-070	2	10	346	396	140	308	545	16	205	947	205	438	304	420	560	484	173
		15	361	396	140	308	545	16	205	1117	205	548	364	420	560	484	173
		20	361	489	140	308	611	16	205	1117	205	548	364	420	560	484	210
		25	349	514	140	308	611	16	205	1117	205	548	364	420	560	484	210
		30	349	514	140	308	611	16	205	1117	205	548	364	420	560	484	210
	4	3	346	337	140	308	509	16	205	947	205	438	304	420	560	484	146
		5	346	337	140	308	509	16	205	947	205	438	304	420	560	484	146
		7.5	346	396	140	308	545	16	205	947	205	438	304	420	560	484	173
		10	346	396	140	308	545	16	205	947	205	438	304	420	560	484	173
050-095	4	10	404	396	140	322	559	16	170	918	170	490	258	452	520	492	173
		15	418	489	140	322	625	16	170	1076	170	600	306	452	520	492	210
		20	418	489	140	322	625	16	170	1076	170	600	306	452	520	492	210
		25	435	558	140	322	625	16	170	1076	170	600	306	452	520	492	210
		30	435	558	140	322	625	16	170	1076	170	600	306	452	520	492	210
050-110	4	15	399	489	180	322	625	16	185	1129	185	601	343	456	566	516	210
		20	399	489	180	322	625	16	185	1129	185	601	343	456	566	516	210
		25	415	558	180	322	625	16	185	1129	185	601	343	456	566	516	210
		30	415	558	180	322	625	16	185	1129	185	601	343	456	566	516	210
060-095	4	15	437	489	180	409	712	26	275	1190	275	561	354	558	810	654	210
		20	437	489	180	409	712	26	275	1190	275	561	354	558	810	654	210
		25	454	558	180	409	712	26	300	1330	300	614	416	558	810	654	210
		30	454	558	180	409	712	26	300	1330	300	614	416	558	810	654	210
060-110	4	25	432	558	180	409	712	26	275	1318	275	629	415	558	810	654	210
		30	432	558	180	409	712	26	275	1318	275	629	415	558	810	654	210

Dimensions for NBE pumps with TEFC motor (230 V), MLE, mounting design F

For more dimensions, see Section *16.17 Flange and bare pump dimensions*.

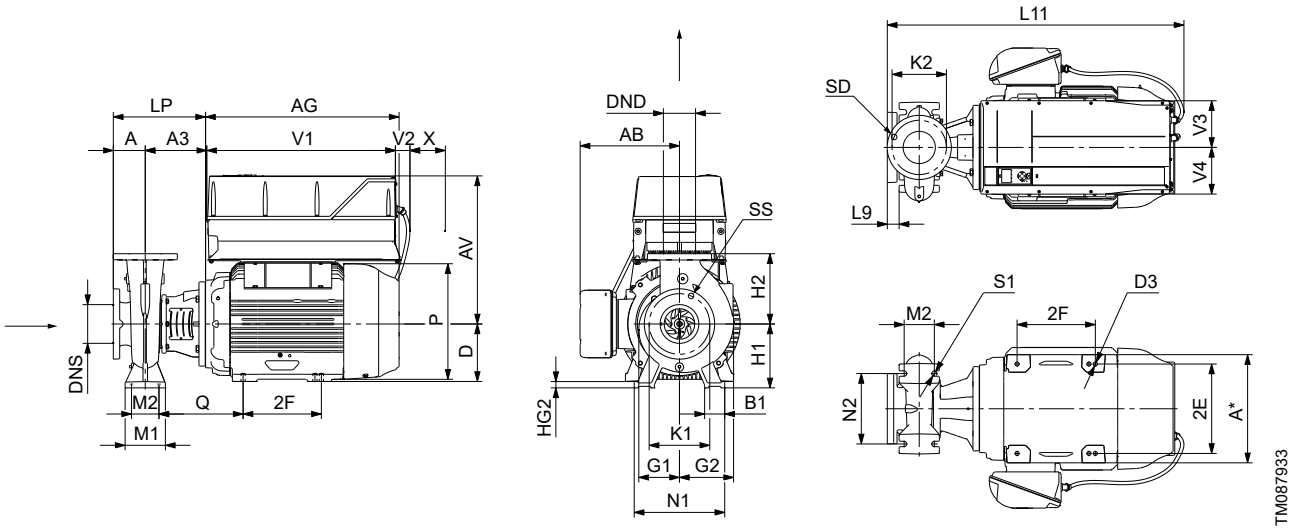
Dimensions in inch.

Pump size	Pole	P2 [hp]	LP	AG	X	H3	H4	D	A2	L1	L2	L3	L4	B1	B2	B3	AF
012-070	2	3	11.7	13.3	3.9	7.9	15.8	0.6	6.3	35.2	6.3	17.9	11.0	11.3	15.6	13.6	5.7
	2	5	11.7	13.3	3.9	7.9	15.8	0.6	6.3	35.2	6.3	17.9	11.0	11.3	15.6	13.6	5.7
	2	7.5	11.7	15.6	3.9	8.0	17.3	0.6	6.3	34.6	6.3	17.0	11.3	11.3	15.6	13.6	6.8
	2	10	12.3	19.2	3.9	9.0	20.9	0.6	6.9	38.0	6.9	20.4	10.8	13.0	17.4	15.4	8.3
	2	15	12.3	19.2	3.9	9.0	20.9	0.6	6.9	38.0	6.9	20.4	10.8	13.0	17.4	15.4	8.3
015-070	2	5	11.7	13.3	3.9	7.9	15.8	0.6	6.3	35.2	6.3	17.9	11.0	11.3	15.6	13.6	5.7
	2	7.5	11.7	15.6	3.9	8.0	17.3	0.6	6.3	34.6	6.3	17.0	11.3	11.3	15.6	13.6	6.8
	2	10	12.3	19.2	3.9	9.0	20.9	0.6	6.9	38.0	6.9	20.4	10.8	13.0	17.4	15.4	8.3
	2	15	12.3	19.2	3.9	9.0	20.9	0.6	6.9	38.0	6.9	20.4	10.8	13.0	17.4	15.4	8.3
025-070	2	5	12.6	13.3	5.5	9.6	17.5	1.0	7.7	36.9	7.7	17.6	11.6	13.2	18.7	16.3	5.7
	2	7.5	12.6	15.6	5.5	9.6	18.9	1.0	7.7	36.9	7.7	17.6	11.6	13.2	18.7	16.3	6.8
	2	10	13.2	19.2	5.5	9.7	21.6	1.0	7.7	39.6	7.7	20.4	11.6	13.2	18.7	16.3	8.3
	2	15	13.2	19.2	5.5	9.7	21.6	1.0	7.7	39.6	7.7	20.4	11.6	13.2	18.7	16.3	8.3
030-070	2	7.5	12.6	15.6	5.5	9.6	18.9	1.0	7.7	35.9	7.7	17.4	10.9	13.2	18.7	16.3	6.8
	2	10	13.2	19.2	5.5	9.7	21.6	1.0	7.7	39.6	7.7	20.4	11.6	13.2	18.7	16.3	8.3
	2	15	13.2	19.2	5.5	9.7	21.6	1.0	7.7	39.6	7.7	20.4	11.6	13.2	18.7	16.3	8.3
040-070	2	10	14.2	19.2	5.5	10.2	22.1	0.6	7.5	43.2	7.5	22.4	13.3	15.6	18.9	17.6	8.3
	2	15	14.2	19.2	5.5	10.2	22.1	0.6	7.5	43.2	7.5	22.4	13.3	15.6	18.9	17.6	8.3
050-070	2	10	14.2	19.2	5.5	12.1	24.1	0.6	8.1	44.0	8.1	21.6	14.3	16.5	22.0	19.1	8.3
	2	15	14.2	19.2	5.5	12.1	24.1	0.6	8.1	44.0	8.1	21.6	14.3	16.5	22.0	19.1	8.3

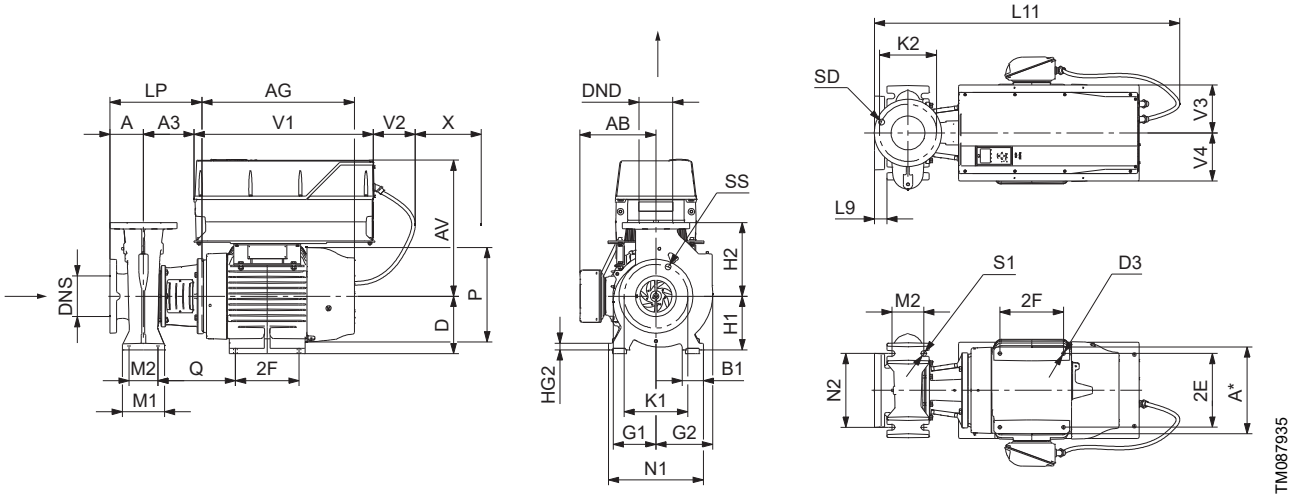
Dimensions in mm.

Pump size	Pole	P2 [hp]	LP	AG	X	H3	H4	D	A2	L1	L2	L3	L4	B1	B2	B3	AF
012-070	2	3	298	337	100	201	402	16	160	894	160	454	280	286	396	346	146
		5	298	337	100	201	402	16	160	894	160	454	280	286	396	346	146
		7.5	298	396	100	203	440	16	160	880	160	432	288	286	396	346	173
		10	313	489	100	228	531	16	175	966	175	517	274	331	441	391	210
		15	313	489	100	228	531	16	175	966	175	517	274	331	441	391	210
015-070	2	5	298	337	100	201	402	16	160	894	160	454	280	286	396	346	146
		7.5	298	396	100	203	440	16	160	880	160	432	288	286	396	346	173
		10	313	489	100	228	531	16	175	966	175	517	274	331	441	391	210
		15	313	489	100	228	531	16	175	966	175	517	274	331	441	391	210
025-070	2	5	320	337	140	244	445	26	195	937	195	448	294	335	475	413	146
		7.5	320	396	140	244	481	26	195	937	195	448	294	335	475	413	173
		10	335	489	140	246	549	26	195	1006	195	517	294	335	475	413	210
		15	335	489	140	246	549	26	195	1006	195	517	294	335	475	413	210
030-070	2	7.5	320	396	140	244	481	26	195	913	195	441	277	335	475	413	173
		10	335	489	140	246	549	26	195	1006	195	517	294	335	475	413	210
		15	335	489	140	246	549	26	195	1006	195	517	294	335	475	413	210
040-070	2	10	361	489	140	259	562	16	190	1097	190	568	339	396	480	446	210
		15	361	489	140	259	562	16	190	1097	190	568	339	396	480	446	210
050-070	2	10	361	489	140	308	611	16	205	1117	205	548	364	420	560	484	210
		15	361	489	140	308	611	16	205	1117	205	548	364	420	560	484	210

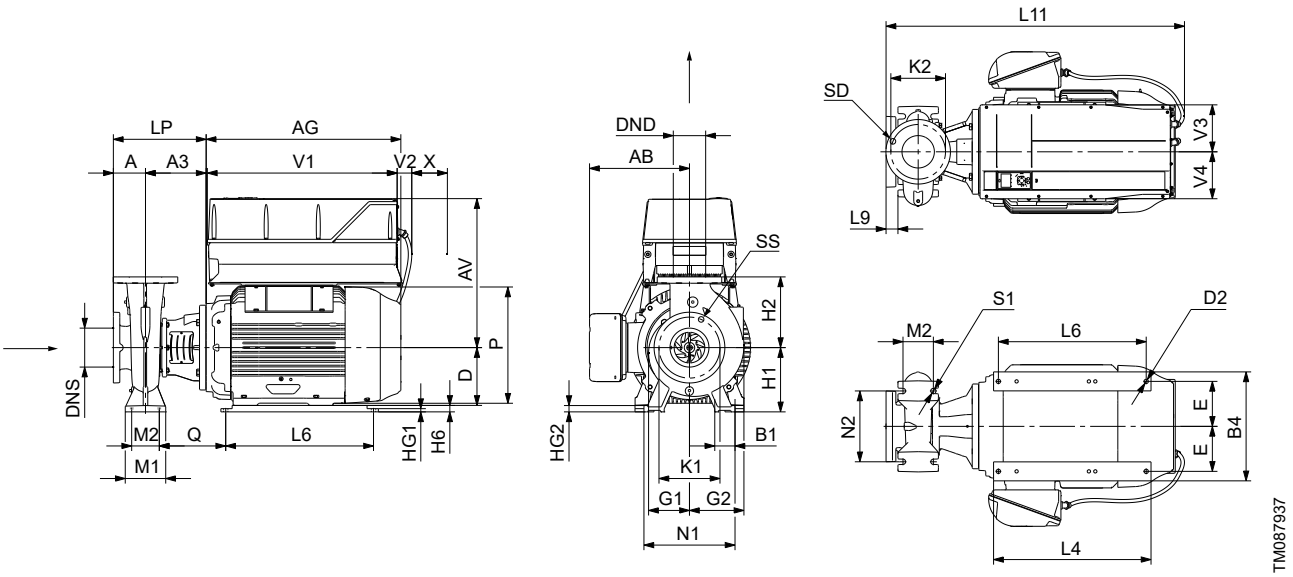
Dimensional drawings, NBE with integrated CUE



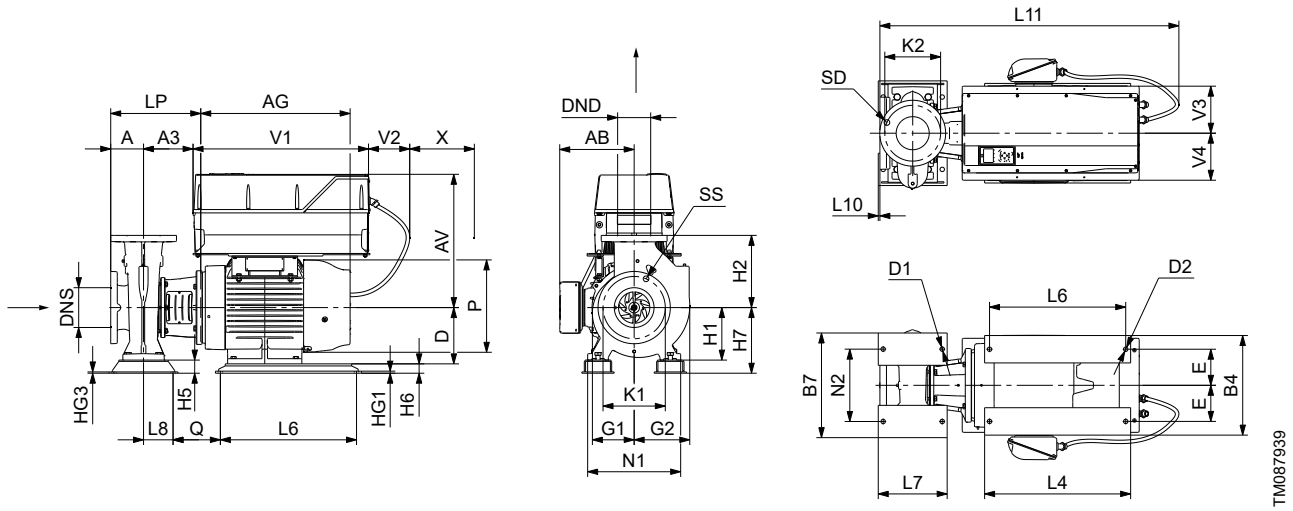
Mounting design A (H1>D), center-line outlet



Mounting design A (H1<D), center-line outlet



Mounting design B (H1>D), center-line outlet



Mounting design C (H1<D), center-line outlet

Dimensions for NBE pumps with WEG motor and CUE (200V), mounting design A

For more dimensions, see Section *16.17 Flange and bare pump dimensions*.

Dimensions in inch.

Pump size	Pole	P2 [hp]	L11	V1	V2	V3	V4	AV	A3	LP	AG	X	Q	2F	D	P	AB	B1	D3	2E	A*
012-070	2.0	3.0	36.0	16.5	7.9	4.9	4.9	14.1	8.5	14.6	13.3	3.9	13.0	5.5	4.5	9.1	7.5	2.0	0.4	7.5	8.7
		5.0	38.5	18.9	7.9	5.4	5.4	16.3	8.6	14.6	13.3	3.9	13.0	5.5	4.5	9.1	7.5	2.0	0.4	7.5	8.7
		7.5	37.7	18.9	7.9	5.4	5.4	15.9	7.8	11.7	16.3	3.9	11.0	7.0	5.3	10.7	8.3	2.0	0.4	8.5	9.8
		10.0	37.7	18.9	7.9	5.4	5.4	15.9	7.8	11.7	16.3	3.9	11.0	7.0	5.3	10.7	8.3	2.0	0.4	8.5	9.8
		15.0	44.7	25.6	7.9	6.3	6.3	17.8	8.1	12.3	20.6	3.9	12.8	8.3	6.3	13.9	10.7	2.0	0.5	10.0	11.5
		20.0	46.5	27.0	7.9	7.2	7.2	19.7	8.5	12.3	22.4	3.9	12.8	10.0	6.3	13.9	10.7	2.0	0.5	10.0	11.5
	4.0	1.5	34.2	16.5	7.9	4.9	4.9	13.2	6.7	13.1	11.2	3.9	11.0	5.0	3.5	7.4	5.8	2.0	0.4	5.5	6.7
		2.0	34.2	16.5	7.9	4.9	4.9	13.2	6.7	13.1	11.2	3.9	11.0	5.0	3.5	7.4	5.8	2.0	0.4	5.5	6.7
015-070	2.0	5.0	38.5	18.9	7.9	5.4	5.4	16.3	8.6	14.6	13.3	3.9	13.0	5.5	4.5	9.1	7.5	2.0	0.4	7.5	8.7
		7.5	37.7	18.9	7.9	5.4	5.4	15.9	7.8	11.7	16.3	3.9	11.0	7.0	5.3	10.7	8.3	2.0	0.4	8.5	9.8
		10.0	37.7	18.9	7.9	5.4	5.4	15.9	7.8	11.7	16.3	3.9	11.0	7.0	5.3	10.7	8.3	2.0	0.4	8.5	9.8
		15.0	44.7	25.6	7.9	6.3	6.3	17.8	8.1	12.3	20.6	3.9	12.8	8.3	6.3	13.9	10.7	2.0	0.5	10.0	11.5
		20.0	46.5	27.0	7.9	7.2	7.2	19.7	8.5	12.3	22.4	3.9	12.8	10.0	6.3	13.9	10.7	2.0	0.5	10.0	11.5
	4.0	1.5	34.2	16.5	7.9	4.9	4.9	13.2	6.7	13.1	11.2	3.9	11.0	5.0	3.5	7.4	5.8	2.0	0.4	5.5	6.7
		2.0	34.2	16.5	7.9	4.9	4.9	13.2	6.7	13.1	11.2	3.9	11.0	5.0	3.5	7.4	5.8	2.0	0.4	5.5	6.7
		3.0	36.0	16.5	7.9	4.9	4.9	14.1	8.5	14.6	13.3	3.9	13.0	5.5	4.5	9.1	7.5	2.0	0.4	7.5	8.7
		5.0	38.5	18.9	7.9	5.4	5.4	16.3	8.6	14.6	13.3	3.9	13.0	5.5	4.5	9.1	7.5	2.0	0.4	7.5	8.7
015-090	2.0	15.0	45.6	25.6	7.9	6.3	6.3	17.8	8.1	13.2	20.6	3.9	12.3	8.3	6.3	13.9	10.7	2.6	0.5	10.0	11.5
		20.0	47.4	27.0	7.9	7.2	7.2	19.7	8.5	13.2	22.4	3.9	12.3	10.0	6.3	13.9	10.7	2.6	0.5	10.0	11.5
		25.0	46.4	27.0	7.9	7.2	7.2	20.3	7.6	12.7	22.8	3.9	11.9	9.5	7.0	15.1	11.3	2.6	0.5	11.0	13.0
		30.0	46.4	27.0	7.9	7.2	7.2	20.3	7.6	12.7	22.8	3.9	11.9	9.5	7.0	15.1	11.3	2.6	0.5	11.0	13.0
		40.0	50.1	30.2	7.9	7.3	7.3	21.9	8.0	13.2	24.5	3.9	12.8	10.5	8.0	16.7	12.9	2.6	0.7	12.5	15.2
		50.0	50.1	30.2	7.9	7.3	7.3	21.9	8.0	13.2	24.5	3.9	12.8	10.5	8.0	16.7	12.9	2.6	0.7	12.5	15.2
	4.0	1.5	35.1	16.5	7.9	4.9	4.9	13.2	6.7	14.0	11.2	3.9	10.5	5.0	3.5	7.4	5.8	2.6	0.4	5.5	6.7
		2.0	35.1	16.5	7.9	4.9	4.9	13.2	6.7	14.0	11.2	3.9	10.5	5.0	3.5	7.4	5.8	2.6	0.4	5.5	6.7
		3.0	36.9	16.5	7.9	4.9	4.9	14.1	8.5	15.5	13.3	3.9	12.5	5.5	4.5	9.1	7.5	2.6	0.4	7.5	8.7
		5.0	39.4	18.9	7.9	5.4	5.4	16.3	8.6	15.5	13.3	3.9	12.5	5.5	4.5	9.1	7.5	2.6	0.4	7.5	8.7
015-095	2.0	15.0	45.6	25.6	7.9	6.3	6.3	17.8	8.1	13.2	20.6	3.9	12.3	8.3	6.3	13.9	10.7	2.6	0.5	10.0	11.5
		20.0	47.4	27.0	7.9	7.2	7.2	19.7	8.5	13.2	22.4	3.9	12.3	10.0	6.3	13.9	10.7	2.6	0.5	10.0	11.5
		25.0	46.4	27.0	7.9	7.2	7.2	20.3	7.6	12.7	22.8	3.9	11.9	9.5	7.0	15.1	11.3	2.6	0.5	11.0	13.0
		30.0	46.4	27.0	7.9	7.2	7.2	20.3	7.6	12.7	22.8	3.9	11.9	9.5	7.0	15.1	11.3	2.6	0.5	11.0	13.0
		40.0	50.1	30.2	7.9	7.3	7.3	21.9	8.0	13.2	24.5	3.9	12.8	10.5	8.0	16.7	12.9	2.6	0.7	12.5	15.2
		50.0	50.1	30.2	7.9	7.3	7.3	21.9	8.0	13.2	24.5	3.9	12.8	10.5	8.0	16.7	12.9	2.6	0.7	12.5	15.2
	4.0	2.0	35.1	16.5	7.9	4.9	4.9	13.2	6.7	14.0	11.2	3.9	10.5	5.0	3.5	7.4	5.8	2.6	0.4	5.5	6.7
		3.0	36.9	16.5	7.9	4.9	4.9	14.1	8.5	15.5	13.3	3.9	12.5	5.5	4.5	9.1	7.5	2.6	0.4	7.5	8.7
		5.0	39.4	18.9	7.9	5.4	5.4	16.3	8.6	15.5	13.3	3.9	12.5	5.5	4.5	9.1	7.5	2.6	0.4	7.5	8.7
		7.5	38.5	18.9	7.9	5.4	5.4	15.9	7.8	12.6	16.3	3.9	10.5	7.0	5.3	10.7	8.3	2.6	0.4	8.5	9.8
		10.0	38.5	18.9	7.9	5.4	5.4	15.9	7.8	12.6	16.3	3.9	10.5	7.0	5.3	10.7	8.3	2.6	0.4	8.5	9.8

Pump size	Pole	P2 [hp]	L11	V1	V2	V3	V4	AV	A3	LP	AG	X	Q	2F	D	P	AB	B1	D3	2E	A*
020-095	2.0	15.0	46.5	25.6	7.9	6.3	6.3	17.8	9.1	14.2	20.6	3.9	13.3	8.3	6.3	13.9	10.7	2.6	0.5	10.0	11.5
		20.0	48.4	27.0	7.9	7.2	7.2	19.7	9.5	14.2	22.4	3.9	13.3	10.0	6.3	13.9	10.7	2.6	0.5	10.0	11.5
		25.0	48.5	27.0	7.9	7.2	7.2	20.3	9.7	14.8	22.8	3.9	14.0	9.5	7.0	15.1	11.3	2.6	0.5	11.0	13.0
		30.0	48.5	27.0	7.9	7.2	7.2	20.3	9.7	14.8	22.8	3.9	14.0	9.5	7.0	15.1	11.3	2.6	0.5	11.0	13.0
		40.0	51.8	30.2	7.9	7.3	7.3	21.9	9.7	14.9	24.5	3.9	14.5	10.5	8.0	16.7	12.9	2.6	0.7	12.5	15.2
		50.0	51.8	30.2	7.9	7.3	7.3	21.9	9.7	14.9	24.5	3.9	14.5	10.5	8.0	16.7	12.9	2.6	0.7	12.5	15.2
	4.0	2.0	35.1	16.5	7.9	4.9	4.9	13.2	6.7	14.0	11.2	3.9	10.5	5.0	3.5	7.4	5.8	2.6	0.4	5.5	6.7
		3.0	36.9	16.5	7.9	4.9	4.9	14.1	8.5	15.5	13.3	3.9	12.5	5.5	4.5	9.1	7.5	2.6	0.4	7.5	8.7
		5.0	39.4	18.9	7.9	5.4	5.4	16.3	8.6	15.5	13.3	3.9	12.5	5.5	4.5	9.1	7.5	2.6	0.4	7.5	8.7
		7.5	38.5	18.9	7.9	5.4	5.4	15.9	7.8	12.6	16.3	3.9	10.5	7.0	5.3	10.7	8.3	2.6	0.4	8.5	9.8
		10.0	38.5	18.9	7.9	5.4	5.4	15.9	7.8	12.6	16.3	3.9	10.5	7.0	5.3	10.7	8.3	2.6	0.4	8.5	9.8
020-110	4.0	5.0	39.4	18.9	7.9	5.4	5.4	16.3	8.6	15.5	13.3	3.9	12.5	5.5	4.5	9.1	7.5	2.6	0.4	7.5	8.7
		7.5	38.5	18.9	7.9	5.4	5.4	15.9	7.8	12.6	16.3	3.9	10.5	7.0	5.3	10.7	8.3	2.6	0.4	8.5	9.8
		10.0	38.5	18.9	7.9	5.4	5.4	15.9	7.8	12.6	16.3	3.9	10.5	7.0	5.3	10.7	8.3	2.6	0.4	8.5	9.8
		15.0	45.6	25.6	7.9	6.3	6.3	17.8	8.1	13.2	20.6	3.9	12.3	8.3	6.3	13.9	10.7	2.6	0.5	10.0	11.5
		20.0	47.4	27.0	7.9	7.2	7.2	19.7	8.5	13.2	22.4	3.9	12.3	10.0	6.3	13.9	10.7	2.6	0.5	10.0	11.5
020-135	4.0	7.5	41.1	18.9	7.9	5.4	5.4	15.9	9.4	15.2	16.3	5.5	12.1	7.0	5.3	10.7	8.3	2.6	0.4	8.5	9.8
		10.0	41.1	18.9	7.9	5.4	5.4	15.9	9.4	15.2	16.3	5.5	12.1	7.0	5.3	10.7	8.3	2.6	0.4	8.5	9.8
		15.0	47.6	25.6	7.9	6.3	6.3	17.8	9.1	15.2	20.6	5.5	13.3	8.3	6.3	13.9	10.7	2.6	0.5	10.0	11.5
		20.0	49.4	27.0	7.9	7.2	7.2	19.7	9.5	15.2	22.4	5.5	13.3	10.0	6.3	13.9	10.7	2.6	0.5	10.0	11.5
		25.0	49.5	27.0	7.9	7.2	7.2	20.3	9.7	15.8	22.8	5.5	14.0	9.5	7.0	15.1	11.3	2.6	0.5	11.0	13.0
		30.0	49.5	27.0	7.9	7.2	7.2	20.3	9.7	15.8	22.8	5.5	14.0	9.5	7.0	15.1	11.3	2.6	0.5	11.0	13.0
025-070	2.0	7.5	38.6	18.9	7.9	5.4	5.4	15.9	7.8	12.6	16.3	5.5	10.5	7.0	5.3	10.7	8.3	2.6	0.4	8.5	9.8
		10.0	38.6	18.9	7.9	5.4	5.4	15.9	7.8	12.6	16.3	5.5	10.5	7.0	5.3	10.7	8.3	2.6	0.4	8.5	9.8
		15.0	45.6	25.6	7.9	6.3	6.3	17.8	8.1	13.2	20.6	5.5	12.3	8.3	6.3	13.9	10.7	2.6	0.5	10.0	11.5
		20.0	47.4	27.0	7.9	7.2	7.2	19.7	8.5	13.2	22.4	5.5	12.3	10.0	6.3	13.9	10.7	2.6	0.5	10.0	11.5
		25.0	46.4	27.0	7.9	7.2	7.2	20.3	7.6	12.7	22.8	5.5	11.9	9.5	7.0	15.1	11.3	2.6	0.5	11.0	13.0
		30.0	46.4	27.0	7.9	7.2	7.2	20.3	7.6	12.7	22.8	5.5	11.9	9.5	7.0	15.1	11.3	2.6	0.5	11.0	13.0
	4.0	1.5	35.1	16.5	7.9	4.9	4.9	13.2	6.7	14.0	11.2	5.5	10.5	5.0	3.5	7.4	5.8	2.6	0.4	5.5	6.7
		2.0	35.1	16.5	7.9	4.9	4.9	13.2	6.7	14.0	11.2	5.5	10.5	5.0	3.5	7.4	5.8	2.6	0.4	5.5	6.7
		3.0	36.9	16.5	7.9	4.9	4.9	14.1	8.5	15.5	13.3	5.5	12.5	5.5	4.5	9.1	7.5	2.6	0.4	7.5	8.7
		5.0	39.4	18.9	7.9	5.4	5.4	16.3	8.6	15.5	13.3	5.5	12.5	5.5	4.5	9.1	7.5	2.6	0.4	7.5	8.7
025-095	2.0	25.0	48.5	27.0	7.9	7.2	7.2	20.3	9.7	14.8	22.8	3.9	13.5	9.5	7.0	15.1	11.3	3.1	0.5	11.0	13.0
		30.0	48.5	27.0	7.9	7.2	7.2	20.3	9.7	14.8	22.8	3.9	13.5	9.5	7.0	15.1	11.3	3.1	0.5	11.0	13.0
		40.0	51.8	30.2	7.9	7.3	7.3	21.9	9.7	14.9	24.5	3.9	14.1	10.5	8.0	16.7	12.9	3.1	0.7	12.5	15.2
		50.0	51.8	30.2	7.9	7.3	7.3	21.9	9.7	14.9	24.5	3.9	14.1	10.5	8.0	16.7	12.9	3.1	0.7	12.5	15.2
	4.0	3.0	36.9	16.5	7.9	4.9	4.9	14.1	8.5	15.5	13.3	3.9	12.1	5.5	4.5	9.1	7.5	3.1	0.4	7.5	8.7
		5.0	39.4	18.9	7.9	5.4	5.4	16.3	8.6	15.5	13.3	3.9	12.1	5.5	4.5	9.1	7.5	3.1	0.4	7.5	8.7
		7.5	38.5	18.9	7.9	5.4	5.4	15.9	7.8	12.6	16.3	3.9	10.1	7.0	5.3	10.7	8.3	3.1	0.4	8.5	9.8
		10.0	38.5	18.9	7.9	5.4	5.4	15.9	7.8	12.6	16.3	3.9	10.1	7.0	5.3	10.7	8.3	3.1	0.4	8.5	9.8
025-110	4.0	7.5	41.1	18.9	7.9	5.4	5.4	15.9	9.4	15.2	16.3	5.5	11.6	7.0	5.3	10.7	8.3	3.1	0.4	8.5	9.8
		10.0	41.1	18.9	7.9	5.4	5.4	15.9	9.4	15.2	16.3	5.5	11.6	7.0	5.3	10.7	8.3	3.1	0.4	8.5	9.8
		15.0	47.6	25.6	7.9	6.3	6.3	17.8	9.1	15.2	20.6	5.5	12.8	8.3	6.3	13.9	10.7	3.1	0.5	10.0	11.5
		20.0	49.4	27.0	7.9	7.2	7.2	19.7	9.5	15.2	22.4	5.5	12.8	10.0	6.3	13.9	10.7	3.1	0.5	10.0	11.5
030-070	2.0	15.0	45.6	25.6	7.9	6.3	6.3	17.8	8.1	13.2	20.6	5.5	12.3	8.3	6.3	13.9	10.7	2.6	0.5	10.0	11.5
		20.0	47.4	27.0	7.9	7.2	7.2	19.7	8.5	13.2	22.4	5.5	12.3	10.0	6.3	13.9	10.7	2.6	0.5	10.0	11.5
		25.0	46.4	27.0	7.9	7.2	7.2	20.3	7.6	12.7	22.8	5.5	11.9	9.5	7.0	15.1	11.3	2.6	0.5	11.0	13.0
		30.0	46.4	27.0	7.9	7.2	7.2	20.3	7.6	12.7	22.8	5.5	11.9	9.5	7.0	15.1	11.3	2.6	0.5	11.0	13.0
		40.0	50.1	30.2	7.9	7.3	7.3	21.9	8.0	13.2	24.5	5.5	12.8	10.5	8.0	16.7	12.9	2.6	0.7	12.5	15.2
		50.0	50.1	30.2	7.9	7.3	7.3	21.9	8.0	13.2	24.5	5.5	12.8	10.5	8.0	16.7	12.9	2.6	0.7	12.5	15.2
	4.0	1.5	35.1	16.5	7.9	4.9	4.9	13.2	6.7	14.0	11.2	5.5	10.5	5.0	3.5	7.4	5.8	2.6	0.4	5.5	6.7
		2.0	35.1	16.5	7.9	4.9	4.9	13.2	6.7	14.0	11.2	5.5	10.5	5.0	3.5	7.4	5.8	2.6	0.4	5.5	6.7
		3.0	36.9	16.5	7.9	4.9	4.9	14.1	8.5	15.5	13.3	5.5	12.5	5.5	4.5	9.1	7.5	2.6	0.4	7.5	8.7
		5.0	39.4	18.9	7.9	5.4	5.4	16.3	8.6	15.5	13.3	5.5	12.5	5.5	4.5	9.1	7.5	2.6	0.4	7.5	8.7

Pump size	Pole	P2 [hp]	L11	V1	V2	V3	V4	AV	A3	LP	AG	X	Q	2F	D	P	AB	B1	D3	2E	A*
030-095	2.0	40.0	53.5	30.2	7.9	7.3	7.3	21.9	10.5	16.7	24.5	5.5	14.8	10.5	8.0	16.7	12.9	3.1	0.7	12.5	15.2
		50.0	53.5	30.2	7.9	7.3	7.3	21.9	10.5	16.7	24.5	5.5	14.8	10.5	8.0	16.7	12.9	3.1	0.7	12.5	15.2
	4.0	5.0	41.2	18.9	7.9	5.4	5.4	16.3	9.4	17.3	13.3	5.5	12.8	5.5	4.5	9.1	7.5	3.1	0.4	7.5	8.7
		7.5	40.3	18.9	7.9	5.4	5.4	15.9	8.6	14.4	16.3	5.5	10.8	7.0	5.3	10.7	8.3	3.1	0.4	8.5	9.8
		10.0	40.3	18.9	7.9	5.4	5.4	15.9	8.6	14.4	16.3	5.5	10.8	7.0	5.3	10.7	8.3	3.1	0.4	8.5	9.8
		15.0	47.3	25.6	7.9	6.3	6.3	17.8	8.9	15.0	20.6	5.5	12.6	8.3	6.3	13.9	10.7	3.1	0.5	10.0	11.5
		20.0	49.2	27.0	7.9	7.2	7.2	19.7	9.3	15.0	22.4	5.5	12.6	10.0	6.3	13.9	10.7	3.1	0.5	10.0	11.5
030-110	4.0	10.0	41.1	18.9	7.9	5.4	5.4	15.9	9.4	15.2	16.3	5.5	11.6	7.0	5.3	10.7	8.3	3.1	0.4	8.5	9.8
		15.0	47.6	25.6	7.9	6.3	6.3	17.8	9.1	15.2	20.6	5.5	12.8	8.3	6.3	13.9	10.7	3.1	0.5	10.0	11.5
		20.0	49.4	27.0	7.9	7.2	7.2	19.7	9.5	15.2	22.4	5.5	12.8	10.0	6.3	13.9	10.7	3.1	0.5	10.0	11.5
030-135	4.0	15.0	47.6	25.6	7.9	6.3	6.3	17.8	9.1	15.2	20.6	5.5	12.8	8.3	6.3	13.9	10.7	3.0	0.5	10.0	11.5
		20.0	49.4	27.0	7.9	7.2	7.2	19.7	9.5	15.2	22.4	5.5	12.8	10.0	6.3	13.9	10.7	3.0	0.5	10.0	11.5
		25.0	49.5	27.0	7.9	7.2	7.2	20.3	9.7	15.8	22.8	5.5	13.5	9.5	7.0	15.1	11.3	3.0	0.5	11.0	13.0
		30.0	49.5	27.0	7.9	7.2	7.2	20.3	9.7	15.8	22.8	5.5	13.5	9.5	7.0	15.1	11.3	3.0	0.5	11.0	13.0
		40.0	53.3	30.2	7.9	7.3	7.3	21.9	10.3	16.5	24.5	5.5	14.6	10.5	8.0	16.7	12.9	3.0	0.7	12.5	15.2
		50.0	53.3	30.2	7.9	7.3	7.3	21.9	10.3	16.5	24.5	5.5	14.6	10.5	8.0	16.7	12.9	3.0	0.7	12.5	15.2
040-070	2.0	20.0	48.4	27.0	7.9	7.2	7.2	19.7	8.5	14.2	22.4	5.5	12.3	10.0	6.3	13.9	10.7	2.6	0.5	10.0	11.5
		25.0	47.4	27.0	7.9	7.2	7.2	20.3	7.6	13.7	22.8	5.5	11.9	9.5	7.0	15.1	11.3	2.6	0.5	11.0	13.0
		30.0	47.4	27.0	7.9	7.2	7.2	20.3	7.6	13.7	22.8	5.5	11.9	9.5	7.0	15.1	11.3	2.6	0.5	11.0	13.0
		40.0	51.1	30.2	7.9	7.3	7.3	21.9	8.0	14.2	24.5	5.5	12.8	10.5	8.0	16.7	12.9	2.6	0.7	12.5	15.2
		50.0	51.1	30.2	7.9	7.3	7.3	21.9	8.0	14.2	24.5	5.5	12.8	10.5	8.0	16.7	12.9	2.6	0.7	12.5	15.2
	4.0	2.0	36.1	16.5	7.9	4.9	4.9	13.2	6.7	15.0	11.2	5.5	10.5	5.0	3.5	7.4	5.8	2.6	0.4	5.5	6.7
		3.0	37.9	16.5	7.9	4.9	4.9	14.1	8.5	16.5	13.3	5.5	12.5	5.5	4.5	9.1	7.5	2.6	0.4	7.5	8.7
		5.0	40.4	18.9	7.9	5.4	5.4	16.3	8.6	16.5	13.3	5.5	12.5	5.5	4.5	9.1	7.5	2.6	0.4	7.5	8.7
		7.5	39.5	18.9	7.9	5.4	5.4	15.9	7.8	13.6	16.3	5.5	10.5	7.0	5.3	10.7	8.3	2.6	0.4	8.5	9.8
		10.0	39.5	18.9	7.9	5.4	5.4	15.9	7.8	13.6	16.3	5.5	10.5	7.0	5.3	10.7	8.3	2.6	0.4	8.5	9.8
040-095	4.0	7.5	40.8	18.9	7.9	5.4	5.4	15.9	8.6	14.9	16.3	5.5	10.8	7.0	5.3	10.7	8.3	3.1	0.4	8.5	9.8
		10.0	40.8	18.9	7.9	5.4	5.4	15.9	8.6	14.9	16.3	5.5	10.8	7.0	5.3	10.7	8.3	3.1	0.4	8.5	9.8
		15.0	47.8	25.6	7.9	6.3	6.3	17.8	8.9	15.5	20.6	5.5	12.6	8.3	6.3	13.9	10.7	3.1	0.5	10.0	11.5
		20.0	49.7	27.0	7.9	7.2	7.2	19.7	9.3	15.5	22.4	5.5	12.6	10.0	6.3	13.9	10.7	3.1	0.5	10.0	11.5
040-110	4.0	15.0	48.1	25.6	7.9	6.3	6.3	17.8	9.1	15.7	20.6	5.5	12.8	8.3	6.3	13.9	10.7	3.1	0.5	10.0	11.5
		20.0	49.9	27.0	7.9	7.2	7.2	19.7	9.5	15.7	22.4	5.5	12.8	10.0	6.3	13.9	10.7	3.1	0.5	10.0	11.5
		25.0	50.0	27.0	7.9	7.2	7.2	20.3	9.7	16.3	22.8	5.5	13.5	9.5	7.0	15.1	11.3	3.1	0.5	11.0	13.0
		30.0	50.0	27.0	7.9	7.2	7.2	20.3	9.7	16.3	22.8	5.5	13.5	9.5	7.0	15.1	11.3	3.1	0.5	11.0	13.0
040-135	4.0	20.0	49.9	27.0	7.9	7.2	7.2	19.7	9.5	15.7	22.4	5.5	12.9	10.0	6.3	13.9	10.7	3.1	0.5	10.0	11.5
		25.0	50.0	27.0	7.9	7.2	7.2	20.3	9.7	16.3	22.8	5.5	13.5	9.5	7.0	15.1	11.3	3.1	0.5	11.0	13.0
		30.0	50.0	27.0	7.9	7.2	7.2	20.3	9.7	16.3	22.8	5.5	13.5	9.5	7.0	15.1	11.3	3.1	0.5	11.0	13.0
		40.0	53.8	30.2	7.9	7.3	7.3	21.9	10.3	17.0	24.5	5.5	14.7	10.5	8.0	16.7	12.9	3.1	0.7	12.5	15.2
		50.0	53.8	30.2	7.9	7.3	7.3	21.9	10.3	17.0	24.5	5.5	14.7	10.5	8.0	16.7	12.9	3.1	0.7	12.5	15.2
050-070	2.0	30.0	47.4	27.0	7.9	7.2	7.2	20.3	7.6	13.7	22.8	5.5	11.4	9.5	7.0	15.1	11.3	3.1	0.5	11.0	13.0
		40.0	51.1	30.2	7.9	7.3	7.3	21.9	8.0	14.2	24.5	5.5	12.3	10.5	8.0	16.7	12.9	3.1	0.7	12.5	15.2
		50.0	51.1	30.2	7.9	7.3	7.3	21.9	8.0	14.2	24.5	5.5	12.3	10.5	8.0	16.7	12.9	3.1	0.7	12.5	15.2
	4.0	3.0	37.9	16.5	7.9	4.9	4.9	14.1	8.5	16.5	13.3	5.5	12.0	5.5	4.5	9.1	7.5	3.1	0.4	7.5	8.7
		5.0	40.4	18.9	7.9	5.4	5.4	16.3	8.6	16.5	13.3	5.5	12.0	5.5	4.5	9.1	7.5	3.1	0.4	7.5	8.7
		7.5	39.6	18.9	7.9	5.4	5.4	15.9	7.8	13.6	16.3	5.5	10.0	7.0	5.3	10.7	8.3	3.1	0.4	8.5	9.8
		10.0	39.6	18.9	7.9	5.4	5.4	15.9	7.8	13.6	16.3	5.5	10.0	7.0	5.3	10.7	8.3	3.1	0.4	8.5	9.8
050-095	4.0	10.0	41.8	18.9	7.9	5.4	5.4	15.9	9.6	15.9	16.3	5.5	11.8	7.0	5.3	10.7	8.3	3.1	0.4	8.5	9.8
		15.0	48.8	25.6	7.9	6.3	6.3	17.8	9.9	16.5	20.6	5.5	13.6	8.3	6.3	13.9	10.7	3.1	0.5	10.0	11.5
		20.0	50.6	27.0	7.9	7.2	7.2	19.7	10.3	16.5	22.4	5.5	13.6	10.0	6.3	13.9	10.7	3.1	0.5	10.0	11.5
		25.0	50.8	27.0	7.9	7.2	7.2	20.3	10.5	17.1	22.8	5.5	14.3	9.5	7.0	15.1	11.3	3.1	0.5	11.0	13.0
		30.0	50.8	27.0	7.9	7.2	7.2	20.3	10.5	17.1	22.8	5.5	14.3	9.5	7.0	15.1	11.3	3.1	0.5	11.0	13.0

Pump size	Pole	P2 [hp]	L11	V1	V2	V3	V4	AV	A3	LP	AG	X	Q	2F	D	P	AB	B1	D3	2E	A*
050-110	4.0	20.0	49.9	27.0	7.9	7.2	7.2	19.7	9.5	15.7	22.4	7.1	12.8	10.0	6.3	13.9	10.7	3.4	0.5	10.0	11.5
		25.0	50.0	27.0	7.9	7.2	7.2	20.3	9.7	16.3	22.8	7.1	13.5	9.5	7.0	15.1	11.3	3.4	0.5	11.0	13.0
		30.0	50.0	27.0	7.9	7.2	7.2	20.3	9.7	16.3	22.8	7.1	13.5	9.5	7.0	15.1	11.3	3.4	0.5	11.0	13.0
		40.0	53.8	30.2	7.9	7.3	7.3	21.9	10.3	17.0	24.5	7.1	14.6	10.5	8.0	16.7	12.9	3.4	0.7	12.5	15.2
		50.0	53.8	30.2	7.9	7.3	7.3	21.9	10.3	17.0	24.5	7.1	14.6	10.5	8.0	16.7	12.9	3.4	0.7	12.5	15.2
050-135	4.0	25.0	49.9	27.0	7.9	7.2	7.2	20.3	9.6	16.2	22.8	7.1	12.8	9.5	7.0	15.1	11.3	3.9	0.5	11.0	13.0
		30.0	49.9	27.0	7.9	7.2	7.2	20.3	9.6	16.2	22.8	7.1	12.8	9.5	7.0	15.1	11.3	3.9	0.5	11.0	13.0
		40.0	54.4	30.2	7.9	7.3	7.3	21.9	10.8	17.5	24.5	7.1	14.6	10.5	8.0	16.7	12.9	3.9	0.7	12.5	15.2
		50.0	54.4	30.2	7.9	7.3	7.3	21.9	10.8	17.5	24.5	7.1	14.6	10.5	8.0	16.7	12.9	3.9	0.7	12.5	15.2
060-095	4.0	20.0	51.4	27.0	7.9	7.2	7.2	19.7	10.3	17.2	22.4	7.1	13.0	10.0	6.3	13.9	10.7	3.9	0.5	10.0	11.5
		25.0	51.6	27.0	7.9	7.2	7.2	20.3	10.5	17.9	22.8	7.1	13.7	9.5	7.0	15.1	11.3	3.9	0.5	11.0	13.0
		30.0	51.6	27.0	7.9	7.2	7.2	20.3	10.5	17.9	22.8	7.1	13.7	9.5	7.0	15.1	11.3	3.9	0.5	11.0	13.0
		40.0	54.8	30.2	7.9	7.3	7.3	21.9	10.5	17.9	24.5	7.1	14.2	10.5	8.0	16.7	12.9	3.9	0.7	12.5	15.2
		50.0	54.8	30.2	7.9	7.3	7.3	21.9	10.5	17.9	24.5	7.1	14.2	10.5	8.0	16.7	12.9	3.9	0.7	12.5	15.2
060-110	4.0	30.0	50.7	27.0	7.9	7.2	7.2	20.3	9.6	17.0	22.8	7.1	12.8	9.5	7.0	15.1	11.3	3.9	0.5	11.0	13.0
		40.0	55.1	30.2	7.9	7.3	7.3	21.9	10.8	18.3	24.5	7.1	14.6	10.5	8.0	16.7	12.9	3.9	0.7	12.5	15.2
		50.0	55.1	30.2	7.9	7.3	7.3	21.9	10.8	18.3	24.5	7.1	14.6	10.5	8.0	16.7	12.9	3.9	0.7	12.5	15.2

Dimensions in mm

Pump size	Pole	P2 [hp]	L11	V1	V2	V3	V4	AV	A3	LP	AG	X	Q	2F	D	P	AB	B1	D3	2E	A*
012-070	2	3	915	420	200	124	124	357	216	372	337	100	331	140	114	231	190	50	10	191	220
		5	978	480	200	137	137	415	219	372	337	100	331	140	114	231	190	50	10	191	220
		7.5	957	480	200	137	137	405	198	298	413	100	279	178	133	271	210	50	10	216	248
		10	957	480	200	137	137	405	198	298	413	100	279	178	133	271	210	50	10	216	248
		15	1135	650	200	159	159	451	206	313	524	100	326	210	159	354	271	50	13	254	292
		20	1181	685	200	182	182	501	217	313	568	100	326	254	159	354	271	50	13	254	292
	4	1.5	869	420	200	124	124	335	170	334	285	100	280	127	89	187	147	50	9	140	169
		2	869	420	200	124	124	335	170	334	285	100	280	127	89	187	147	50	9	140	169
015-070	2	5	978	480	200	137	137	415	218	372	337	100	330	140	114	231	190	50	10	191	220
		7.5	957	480	200	137	137	405	197	298	413	100	279	178	133	271	210	50	10	216	248
		10	957	480	200	137	137	405	197	298	413	100	279	178	133	271	210	50	10	216	248
		15	1135	650	200	159	159	451	205	313	524	100	325	210	159	354	271	50	13	254	292
		20	1181	685	200	182	182	501	216	313	568	100	325	254	159	354	271	50	13	254	292
	4	1.5	869	420	200	124	124	335	169	334	285	100	280	127	89	187	147	50	9	140	169
		2	869	420	200	124	124	335	169	334	285	100	280	127	89	187	147	50	9	140	169
		3	915	420	200	124	124	357	215	372	337	100	330	140	114	231	190	50	10	191	220
		5	978	480	200	137	137	415	218	372	337	100	330	140	114	231	190	50	10	191	220
015-090	2	15	1157	650	200	159	159	451	206	335	524	100	313	210	159	354	271	65	13	254	292
		20	1203	685	200	182	182	501	217	335	568	100	313	254	159	354	271	65	13	254	292
		25	1179	685	200	182	182	515	193	323	578	100	301	241	178	385	287	65	13	279	329
		30	1179	685	200	182	182	515	193	323	578	100	301	241	178	385	287	65	13	279	329
		40	1272	767	200	186	186	557	204	335	623	100	326	267	203	425	327	65	17	318	385
		50	1272	767	200	186	186	557	204	335	623	100	326	267	203	425	327	65	17	318	385
	4	1.5	891	420	200	124	124	335	170	356	285	100	268	127	89	187	147	65	9	140	169
		2	891	420	200	124	124	335	170	356	285	100	268	127	89	187	147	65	9	140	169
		3	937	420	200	124	124	357	216	394	337	100	318	140	114	231	190	65	10	191	220
		5	1000	480	200	137	137	415	219	394	337	100	318	140	114	231	190	65	10	191	220

Pump size	Pole	P2 [hp]	L11	V1	V2	V3	V4	AV	A3	LP	AG	X	Q	2F	D	P	AB	B1	D3	2E	A*
015-095	2	15	1157	650	200	159	159	451	206	335	524	100	313	210	159	354	271	65	13	254	292
		20	1203	685	200	182	182	501	217	335	568	100	313	254	159	354	271	65	13	254	292
		25	1179	685	200	182	182	515	193	323	578	100	301	241	178	385	287	65	13	279	329
		30	1179	685	200	182	182	515	193	323	578	100	301	241	178	385	287	65	13	279	329
		40	1272	767	200	186	186	557	204	335	623	100	326	267	203	425	327	65	17	318	385
		50	1272	767	200	186	186	557	204	335	623	100	326	267	203	425	327	65	17	318	385
	4	2	891	420	200	124	124	335	170	356	285	100	268	127	89	187	147	65	9	140	169
		3	937	420	200	124	124	357	216	394	337	100	318	140	114	231	190	65	10	191	220
		5	1000	480	200	137	137	415	219	394	337	100	318	140	114	231	190	65	10	191	220
		7.5	979	480	200	137	137	405	198	320	413	100	266	178	133	271	210	65	10	216	248
		10	979	480	200	137	137	405	198	320	413	100	266	178	133	271	210	65	10	216	248
020-095	2	15	1182	650	200	159	159	451	231	360	524	100	338	210	159	354	271	65	13	254	292
		20	1228	685	200	182	182	501	242	360	568	100	338	254	159	354	271	65	13	254	292
		25	1233	685	200	182	182	515	246	377	578	100	355	241	178	385	287	65	13	279	329
		30	1233	685	200	182	182	515	246	377	578	100	355	241	178	385	287	65	13	279	329
		40	1315	767	200	186	186	557	246	378	623	100	368	267	203	425	327	65	17	318	385
		50	1315	767	200	186	186	557	246	378	623	100	368	267	203	425	327	65	17	318	385
	4	2	891	420	200	124	124	335	170	356	285	100	268	127	89	187	147	65	9	140	169
		3	937	420	200	124	124	357	216	394	337	100	318	140	114	231	190	65	10	191	220
		5	1000	480	200	137	137	415	219	394	337	100	318	140	114	231	190	65	10	191	220
		7.5	979	480	200	137	137	405	198	320	413	100	266	178	133	271	210	65	10	216	248
		10	979	480	200	137	137	405	198	320	413	100	266	178	133	271	210	65	10	216	248
020-110	4	5	1000	480	200	137	137	415	219	394	337	100	318	140	114	231	190	65	10	191	220
		7.5	979	480	200	137	137	405	198	320	413	100	266	178	133	271	210	65	10	216	248
		10	979	480	200	137	137	405	198	320	413	100	266	178	133	271	210	65	10	216	248
		15	1157	650	200	159	159	451	206	335	524	100	313	210	159	354	271	65	13	254	292
		20	1203	685	200	182	182	501	217	335	568	100	313	254	159	354	271	65	13	254	292
020-135	4	7.5	1045	480	200	137	137	405	238	386	413	140	307	178	133	271	210	65	10	216	248
		10	1045	480	200	137	137	405	238	386	413	140	307	178	133	271	210	65	10	216	248
		15	1208	650	200	159	159	451	231	386	524	140	339	210	159	354	271	65	13	254	292
		20	1254	685	200	182	182	501	242	386	568	140	339	254	159	354	271	65	13	254	292
		25	1258	685	200	182	182	515	246	402	578	140	355	241	178	385	287	65	13	279	329
		30	1258	685	200	182	182	515	246	402	578	140	355	241	178	385	287	65	13	279	329
025-070	2	7.5	979	480	200	137	137	405	198	320	413	140	267	178	133	271	210	65	10	216	248
		10	979	480	200	137	137	405	198	320	413	140	267	178	133	271	210	65	10	216	248
		15	1157	650	200	159	159	451	206	335	524	140	313	210	159	354	271	65	13	254	292
		20	1203	685	200	182	182	501	217	335	568	140	313	254	159	354	271	65	13	254	292
		25	1179	685	200	182	182	515	193	323	578	140	301	241	178	385	287	65	13	279	329
		30	1179	685	200	182	182	515	193	323	578	140	301	241	178	385	287	65	13	279	329
	4	1.5	891	420	200	124	124	335	170	356	285	140	268	127	89	187	147	65	9	140	169
		2	891	420	200	124	124	335	170	356	285	140	268	127	89	187	147	65	9	140	169
		3	937	420	200	124	124	357	216	394	337	140	318	140	114	231	190	65	10	191	220
		5	1000	480	200	137	137	415	219	394	337	140	318	140	114	231	190	65	10	191	220
025-095	2	25	1233	685	200	182	182	515	246	377	578	100	344	241	178	385	287	80	13	279	329
		30	1233	685	200	182	182	515	246	377	578	100	344	241	178	385	287	80	13	279	329
		40	1315	767	200	186	186	557	246	378	623	100	358	267	203	425	327	80	17	318	385
		50	1315	767	200	186	186	557	246	378	623	100	358	267	203	425	327	80	17	318	385
	4	3	937	420	200	124	124	357	216	394	337	100	308	140	114	231	190	80	10	191	220
		5	1000	480	200	137	137	415	219	394	337	100	308	140	114	231	190	80	10	191	220
		7.5	979	480	200	137	137	405	198	320	413	100	256	178	133	271	210	80	10	216	248
		10	979	480	200	137	137	405	198	320	413	100	256	178	133	271	210	80	10	216	248

Pump size	Pole	P2 [hp]	L11	V1	V2	V3	V4	AV	A3	LP	AG	X	Q	2F	D	P	AB	B1	D3	2E	A*
025-110	4	7.5	1045	480	200	137	137	405	238	386	413	140	294	178	133	271	210	80	10	216	248
		10	1045	480	200	137	137	405	238	386	413	140	294	178	133	271	210	80	10	216	248
		15	1208	650	200	159	159	451	231	386	524	140	326	210	159	354	271	80	13	254	292
		20	1254	685	200	182	182	501	242	386	568	140	326	254	159	354	271	80	13	254	292
030-070	2	15	1157	650	200	159	159	451	206	335	524	140	313	210	159	354	271	65	13	254	292
		20	1203	685	200	182	182	501	217	335	568	140	313	254	159	354	271	65	13	254	292
		25	1179	685	200	182	182	515	193	323	578	140	301	241	178	385	287	65	13	279	329
		30	1179	685	200	182	182	515	193	323	578	140	301	241	178	385	287	65	13	279	329
		40	1272	767	200	186	186	557	204	335	623	140	326	267	203	425	327	65	17	318	385
		50	1272	767	200	186	186	557	204	335	623	140	326	267	203	425	327	65	17	318	385
	4	1.5	891	420	200	124	124	335	170	356	285	140	268	127	89	187	147	65	9	140	169
		2	891	420	200	124	124	335	170	356	285	140	268	127	89	187	147	65	9	140	169
		3	937	420	200	124	124	357	216	394	337	140	318	140	114	231	190	65	10	191	220
		5	1000	480	200	137	137	415	219	394	337	140	318	140	114	231	190	65	10	191	220
030-095	2	40	1360	767	200	186	186	557	266	423	623	140	376	267	203	425	327	80	17	318	385
		50	1360	767	200	186	186	557	266	423	623	140	376	267	203	425	327	80	17	318	385
	4	5	1046	480	200	137	137	415	239	440	337	140	326	140	114	231	190	80	10	191	220
		7.5	1025	480	200	137	137	405	218	366	413	140	274	178	133	271	210	80	10	216	248
		10	1025	480	200	137	137	405	218	366	413	140	274	178	133	271	210	80	10	216	248
		15	1203	650	200	159	159	451	226	381	524	140	321	210	159	354	271	80	13	254	292
		20	1249	685	200	182	182	501	237	381	568	140	321	254	159	354	271	80	13	254	292
030-110	4	10	1045	480	200	137	137	405	238	386	413	140	294	178	133	271	210	80	10	216	248
		15	1208	650	200	159	159	451	231	386	524	140	326	210	159	354	271	80	13	254	292
		20	1254	685	200	182	182	501	242	386	568	140	326	254	159	354	271	80	13	254	292
030-135	4	15	1208	650	200	159	159	451	231	386	524	140	326	210	159	354	271	76	13	254	292
		20	1254	685	200	182	182	501	242	386	568	140	326	254	159	354	271	76	13	254	292
		25	1258	685	200	182	182	515	246	402	578	140	342	241	178	385	287	76	13	279	329
		30	1258	685	200	182	182	515	246	402	578	140	342	241	178	385	287	76	13	279	329
		40	1355	767	200	186	186	557	261	418	623	140	371	267	203	425	327	76	17	318	385
		50	1355	767	200	186	186	557	261	418	623	140	371	267	203	425	327	76	17	318	385
040-070	2	20	1229	685	200	182	182	501	217	361	568	140	313	254	159	354	271	65	13	254	292
		25	1205	685	200	182	182	515	193	349	578	140	301	241	178	385	287	65	13	279	329
		30	1205	685	200	182	182	515	193	349	578	140	301	241	178	385	287	65	13	279	329
		40	1298	767	200	186	186	557	204	361	623	140	326	267	203	425	327	65	17	318	385
		50	1298	767	200	186	186	557	204	361	623	140	326	267	203	425	327	65	17	318	385
	4	2	917	420	200	124	124	335	170	382	285	140	268	127	89	187	147	65	9	140	169
		3	963	420	200	124	124	357	215	420	337	140	318	140	114	231	190	65	10	191	220
		5	1026	480	200	137	137	415	219	420	337	140	318	140	114	231	190	65	10	191	220
		7.5	1005	480	200	137	137	405	198	346	413	140	266	178	133	271	210	65	10	216	248
		10	1005	480	200	137	137	405	198	346	413	140	266	178	133	271	210	65	10	216	248
040-095	4	7.5	1037	480	200	137	137	405	218	378	413	140	274	178	133	271	210	80	10	216	248
		10	1037	480	200	137	137	405	218	378	413	140	274	178	133	271	210	80	10	216	248
		15	1215	650	200	159	159	451	226	393	524	140	321	210	159	354	271	80	13	254	292
		20	1261	685	200	182	182	501	237	393	568	140	321	254	159	354	271	80	13	254	292
040-110	4	15	1221	650	200	159	159	451	231	399	524	140	326	210	159	354	271	80	13	254	292
		20	1267	685	200	182	182	501	242	399	568	140	326	254	159	354	271	80	13	254	292
		25	1271	685	200	182	182	515	246	415	578	140	342	241	178	385	287	80	13	279	329
		30	1271	685	200	182	182	515	246	415	578	140	342	241	178	385	287	80	13	279	329
040-135	4	20	1267	685	200	182	182	501	242	399	568	140	328	254	159	354	271	80	13	254	292
		25	1271	685	200	182	182	515	246	415	578	140	344	241	178	385	287	80	13	279	329
		30	1271	685	200	182	182	515	246	415	578	140	344	241	178	385	287	80	13	279	329
		40	1368	767	200	186	186	557	261	431	623	140	373	267	203	425	327	80	17	318	385
		50	1368	767	200	186	186	557	261	431	623	140	373	267	203	425	327	80	17	318	385

Pump size	Pole	P2 [hp]	L11	V1	V2	V3	V4	AV	A3	LP	AG	X	Q	2F	D	P	AB	B1	D3	2E	A*
050-070	2	30	1205	685	200	182	182	515	193	349	578	140	289	241	178	385	287	80	13	279	329
		40	1298	767	200	186	186	557	204	361	623	140	313	267	203	425	327	80	17	318	385
		50	1298	767	200	186	186	557	204	361	623	140	313	267	203	425	327	80	17	318	385
	4	3	963	420	200	124	124	357	216	420	337	140	306	140	114	231	190	80	10	191	220
		5	1026	480	200	137	137	415	219	420	337	140	306	140	114	231	190	80	10	191	220
		7.5	1005	480	200	137	137	405	198	346	413	140	254	178	133	271	210	80	10	216	248
		10	1005	480	200	137	137	405	198	346	413	140	254	178	133	271	210	80	10	216	248
050-095	4	10	1063	480	200	137	137	405	243	404	413	140	299	178	133	271	210	80	10	216	248
		15	1240	650	200	159	159	451	251	418	524	140	346	210	159	354	271	80	13	254	292
		20	1286	685	200	182	182	501	262	418	568	140	346	254	159	354	271	80	13	254	292
		25	1291	685	200	182	182	515	266	435	578	140	362	241	178	385	287	80	13	279	329
		30	1291	685	200	182	182	515	266	435	578	140	362	241	178	385	287	80	13	279	329
050-110	4	20	1267	685	200	182	182	501	242	399	568	180	326	254	159	354	271	86	13	254	292
		25	1271	685	200	182	182	515	246	415	578	180	342	241	178	385	287	86	13	279	329
		30	1271	685	200	182	182	515	246	415	578	180	342	241	178	385	287	86	13	279	329
		40	1368	767	200	186	186	557	261	431	623	180	371	267	203	425	327	86	17	318	385
		50	1368	767	200	186	186	557	261	431	623	180	371	267	203	425	327	86	17	318	385
050-135	4	25	1269	685	200	182	182	515	244	413	578	180	325	241	178	385	287	100	13	279	329
		30	1269	685	200	182	182	515	244	413	578	180	325	241	178	385	287	100	13	279	329
		40	1382	767	200	186	186	557	275	445	623	180	370	267	203	425	327	100	17	318	385
		50	1382	767	200	186	186	557	275	445	623	180	370	267	203	425	327	100	17	318	385
060-095	4	20	1305	685	200	182	182	501	262	437	568	180	331	254	159	354	271	100	13	254	292
		25	1310	685	200	182	182	515	266	454	578	180	347	241	178	385	287	100	13	279	329
		30	1310	685	200	182	182	515	266	454	578	180	347	241	178	385	287	100	13	279	329
		40	1392	767	200	186	186	557	266	455	623	180	361	267	203	425	327	100	17	318	385
		50	1392	767	200	186	186	557	266	455	623	180	361	267	203	425	327	100	17	318	385
060-110	4	30	1288	685	200	182	182	515	244	432	578	180	325	241	178	385	287	100	13	279	329
		40	1401	767	200	186	186	557	275	464	623	180	370	267	203	425	327	100	17	318	385
		50	1401	767	200	186	186	557	275	464	623	180	370	267	203	425	327	100	17	318	385

Dimensions for NBE pumps with WEG motor and CUE (460V), mounting design A

For more dimensions, see Section *16.17 Flange and bare pump dimensions*.

Dimensions in inch.

Pump size	Pole	P2 [hp]	L11	V1	V2	V3	V4	AV	A3	LP	AG	X	Q	2F	D	P	AB	B1	D3	2E	A*
015-090	2	40	47.3	27.0	7.9	7.2	7.2	20.9	8.4	13.2	24.5	3.9	12.8	10.5	8.0	16.7	12.9	2.6	0.7	12.5	15.2
		50	47.3	27.0	7.9	7.2	7.2	20.9	8.4	13.2	24.5	3.9	12.8	10.5	8.0	16.7	12.9	2.6	0.7	12.5	15.2
015-095	2	40	47.3	27.0	7.9	7.2	7.2	20.9	8.4	13.2	24.5	3.9	12.8	10.5	8.0	16.7	12.9	2.6	0.7	12.5	15.2
		50	47.3	27.0	7.9	7.2	7.2	20.9	8.4	13.2	24.5	3.9	12.8	10.5	8.0	16.7	12.9	2.6	0.7	12.5	15.2
020-095	2	40	49.0	27.0	7.9	7.2	7.2	20.9	10.1	14.9	24.5	3.9	14.5	10.5	8.0	16.7	12.9	2.6	0.7	12.5	15.2
		50	49.0	27.0	7.9	7.2	7.2	20.9	10.1	14.9	24.5	3.9	14.5	10.5	8.0	16.7	12.9	2.6	0.7	12.5	15.2
		60	49.4	27.0	7.9	7.2	7.2	22.1	10.6	14.9	30.5	3.9	15.1	12.3	9.0	18.5	15.6	2.6	0.7	14.0	16.9
		75	49.4	27.0	7.9	7.2	7.2	22.1	10.6	14.9	30.5	3.9	15.1	12.3	9.0	18.5	15.6	2.6	0.7	14.0	16.9
025-095	2	40	49.0	27.0	7.9	7.2	7.2	20.9	10.1	14.9	24.5	3.9	14.1	10.5	8.0	16.7	12.9	3.1	0.7	12.5	15.2
		50	49.0	27.0	7.9	7.2	7.2	20.9	10.1	14.9	24.5	3.9	14.1	10.5	8.0	16.7	12.9	3.1	0.7	12.5	15.2
		60	49.4	27.0	7.9	7.2	7.2	22.1	10.6	14.9	30.5	3.9	14.7	12.3	9.0	18.5	15.6	3.1	0.7	14.0	16.9
		75	49.4	27.0	7.9	7.2	7.2	22.1	10.6	14.9	30.5	3.9	14.7	12.3	9.0	18.5	15.6	3.1	0.7	14.0	16.9
030-070	2	40	47.3	27.0	7.9	7.2	7.2	20.9	8.4	13.2	24.5	5.5	12.8	10.5	8.0	16.7	12.9	2.6	0.7	12.5	15.2
		50	47.3	27.0	7.9	7.2	7.2	20.9	8.4	13.2	24.5	5.5	12.8	10.5	8.0	16.7	12.9	2.6	0.7	12.5	15.2
030-095	2	40	50.7	27.0	7.9	7.2	7.2	20.9	10.9	16.7	24.5	5.5	14.8	10.5	8.0	16.7	12.9	3.1	0.7	12.5	15.2
		50	50.7	27.0	7.9	7.2	7.2	20.9	10.9	16.7	24.5	5.5	14.8	10.5	8.0	16.7	12.9	3.1	0.7	12.5	15.2
		60	51.2	27.0	7.9	7.2	7.2	22.1	11.3	16.7	30.5	5.5	15.4	12.3	9.0	18.5	15.6	3.1	0.7	14.0	16.9
		75	51.2	27.0	7.9	7.2	7.2	22.1	11.3	16.7	30.5	5.5	15.4	12.3	9.0	18.5	15.6	3.1	0.7	14.0	16.9
030-135	4	40	50.6	27.0	7.9	7.2	7.2	20.9	10.7	16.5	24.5	5.5	14.6	10.5	8.0	16.7	12.9	3.0	0.7	12.5	15.2
		50	50.6	27.0	7.9	7.2	7.2	20.9	10.7	16.5	24.5	5.5	14.6	10.5	8.0	16.7	12.9	3.0	0.7	12.5	15.2
040-070	2	40	48.3	27.0	7.9	7.2	7.2	20.9	8.4	14.2	24.5	5.5	12.8	10.5	8.0	16.7	12.9	2.6	0.7	12.5	15.2
		50	48.3	27.0	7.9	7.2	7.2	20.9	8.4	14.2	24.5	5.5	12.8	10.5	8.0	16.7	12.9	2.6	0.7	12.5	15.2
040-095	2	75	51.7	27.0	7.9	7.2	7.2	22.1	11.3	17.2	30.5	5.5	15.4	12.3	9.0	18.5	15.6	3.1	0.7	14.0	16.9
040-135	4	40	51.1	27.0	7.9	7.2	7.2	20.9	10.7	17.0	24.5	5.5	14.7	10.5	8.0	16.7	12.9	3.1	0.7	12.5	15.2
		50	51.1	27.0	7.9	7.2	7.2	20.9	10.7	17.0	24.5	5.5	14.7	10.5	8.0	16.7	12.9	3.1	0.7	12.5	15.2
050-070	2	40	48.3	27.0	7.9	7.2	7.2	20.9	8.5	14.2	24.5	5.5	12.3	10.5	8.0	16.7	12.9	3.1	0.7	12.5	15.2
		50	48.3	27.0	7.9	7.2	7.2	20.9	8.5	14.2	24.5	5.5	12.3	10.5	8.0	16.7	12.9	3.1	0.7	12.5	15.2
		60	48.7	27.0	7.9	7.2	7.2	22.1	8.9	14.2	30.5	5.5	13.0	12.3	9.0	18.5	15.6	3.1	0.7	14.0	16.9
		75	48.7	27.0	7.9	7.2	7.2	22.1	8.9	14.2	30.5	5.5	13.0	12.3	9.0	18.5	15.6	3.1	0.7	14.0	16.9
050-110	4	40	51.1	27.0	7.9	7.2	7.2	20.9	10.7	17.0	24.5	7.1	14.6	10.5	8.0	16.7	12.9	3.4	0.7	12.5	15.2
		50	51.1	27.0	7.9	7.2	7.2	20.9	10.7	17.0	24.5	7.1	14.6	10.5	8.0	16.7	12.9	3.4	0.7	12.5	15.2
050-135	4	40	51.6	27.0	7.9	7.2	7.2	20.9	11.3	17.5	24.5	7.1	14.6	10.5	8.0	16.7	12.9	3.9	0.7	12.5	15.2
		50	51.6	27.0	7.9	7.2	7.2	20.9	11.3	17.5	24.5	7.1	14.6	10.5	8.0	16.7	12.9	3.9	0.7	12.5	15.2
		60	52.0	27.0	7.9	7.2	7.2	22.1	11.7	17.5	30.5	7.1	15.2	12.3	9.0	18.5	15.6	3.9	0.7	14.0	16.9
		75	56.2	30.2	7.9	7.3	7.3	23.1	12.6	17.5	30.5	7.1	15.2	12.3	9.0	18.5	15.6	3.9	0.7	14.0	16.9
060-095	4	40	52.0	27.0	7.9	7.2	7.2	20.9	10.9	17.9	24.5	7.1	14.2	10.5	8.0	16.7	12.9	3.9	0.7	12.5	15.2
		50	52.0	27.0	7.9	7.2	7.2	20.9	10.9	17.9	24.5	7.1	14.2	10.5	8.0	16.7	12.9	3.9	0.7	12.5	15.2
060-110	4	40	52.4	27.0	7.9	7.2	7.2	20.9	11.3	18.3	24.5	7.1	14.6	10.5	8.0	16.7	12.9	3.9	0.7	12.5	15.2
		50	52.4	27.0	7.9	7.2	7.2	20.9	11.3	18.3	24.5	7.1	14.6	10.5	8.0	16.7	12.9	3.9	0.7	12.5	15.2
		60	52.8	27.0	7.9	7.2	7.2	22.1	11.7	18.3	30.5	7.1	15.2	12.3	9.0	18.5	15.6	3.9	0.7	14.0	16.9
		75	56.9	30.2	7.9	7.3	7.3	23.1	12.6	18.3	30.5	7.1	15.2	12.3	9.0	18.5	15.6	3.9	0.7	14.0	16.9

Dimensions in mm

Pump size	Pole	P2 [hp]	L11	V1	V2	V3	V4	AV	A3	LP	AG	X	Q	2F	D	P	AB	B1	D3	2E	A*
015-090	2	40	47.3	27.0	7.9	7.2	7.2	20.9	8.4	13.2	24.5	3.9	12.8	10.5	8.0	16.7	12.9	2.6	0.7	12.5	15.2
		50	47.3	27.0	7.9	7.2	7.2	20.9	8.4	13.2	24.5	3.9	12.8	10.5	8.0	16.7	12.9	2.6	0.7	12.5	15.2
015-095	2	40	47.3	27.0	7.9	7.2	7.2	20.9	8.4	13.2	24.5	3.9	12.8	10.5	8.0	16.7	12.9	2.6	0.7	12.5	15.2
		50	47.3	27.0	7.9	7.2	7.2	20.9	8.4	13.2	24.5	3.9	12.8	10.5	8.0	16.7	12.9	2.6	0.7	12.5	15.2
020-095	2	40	49.0	27.0	7.9	7.2	7.2	20.9	10.1	14.9	24.5	3.9	14.5	10.5	8.0	16.7	12.9	2.6	0.7	12.5	15.2
		50	49.0	27.0	7.9	7.2	7.2	20.9	10.1	14.9	24.5	3.9	14.5	10.5	8.0	16.7	12.9	2.6	0.7	12.5	15.2
		60	49.4	27.0	7.9	7.2	7.2	22.1	10.6	14.9	30.5	3.9	15.1	12.3	9.0	18.5	15.6	2.6	0.7	14.0	16.9
		75	49.4	27.0	7.9	7.2	7.2	22.1	10.6	14.9	30.5	3.9	15.1	12.3	9.0	18.5	15.6	2.6	0.7	14.0	16.9
025-095	2	40	49.0	27.0	7.9	7.2	7.2	20.9	10.1	14.9	24.5	3.9	14.1	10.5	8.0	16.7	12.9	3.1	0.7	12.5	15.2
		50	49.0	27.0	7.9	7.2	7.2	20.9	10.1	14.9	24.5	3.9	14.1	10.5	8.0	16.7	12.9	3.1	0.7	12.5	15.2
		60	49.4	27.0	7.9	7.2	7.2	22.1	10.6	14.9	30.5	3.9	14.7	12.3	9.0	18.5	15.6	3.1	0.7	14.0	16.9
		75	49.4	27.0	7.9	7.2	7.2	22.1	10.6	14.9	30.5	3.9	14.7	12.3	9.0	18.5	15.6	3.1	0.7	14.0	16.9
030-070	2	40	47.3	27.0	7.9	7.2	7.2	20.9	8.4	13.2	24.5	5.5	12.8	10.5	8.0	16.7	12.9	2.6	0.7	12.5	15.2
		50	47.3	27.0	7.9	7.2	7.2	20.9	8.4	13.2	24.5	5.5	12.8	10.5	8.0	16.7	12.9	2.6	0.7	12.5	15.2
030-095	2	40	50.7	27.0	7.9	7.2	7.2	20.9	10.9	16.7	24.5	5.5	14.8	10.5	8.0	16.7	12.9	3.1	0.7	12.5	15.2
		50	50.7	27.0	7.9	7.2	7.2	20.9	10.9	16.7	24.5	5.5	14.8	10.5	8.0	16.7	12.9	3.1	0.7	12.5	15.2
		60	51.2	27.0	7.9	7.2	7.2	22.1	11.3	16.7	30.5	5.5	15.4	12.3	9.0	18.5	15.6	3.1	0.7	14.0	16.9
		75	51.2	27.0	7.9	7.2	7.2	22.1	11.3	16.7	30.5	5.5	15.4	12.3	9.0	18.5	15.6	3.1	0.7	14.0	16.9
030-135	4	40	50.6	27.0	7.9	7.2	7.2	20.9	10.7	16.5	24.5	5.5	14.6	10.5	8.0	16.7	12.9	3.0	0.7	12.5	15.2
		50	50.6	27.0	7.9	7.2	7.2	20.9	10.7	16.5	24.5	5.5	14.6	10.5	8.0	16.7	12.9	3.0	0.7	12.5	15.2
040-070	2	40	48.3	27.0	7.9	7.2	7.2	20.9	8.4	14.2	24.5	5.5	12.8	10.5	8.0	16.7	12.9	2.6	0.7	12.5	15.2
		50	48.3	27.0	7.9	7.2	7.2	20.9	8.4	14.2	24.5	5.5	12.8	10.5	8.0	16.7	12.9	2.6	0.7	12.5	15.2
040-095	2	75	51.7	27.0	7.9	7.2	7.2	22.1	11.3	17.2	30.5	5.5	15.4	12.3	9.0	18.5	15.6	3.1	0.7	14.0	16.9
040-135	4	40	51.1	27.0	7.9	7.2	7.2	20.9	10.7	17.0	24.5	5.5	14.7	10.5	8.0	16.7	12.9	3.1	0.7	12.5	15.2
		50	51.1	27.0	7.9	7.2	7.2	20.9	10.7	17.0	24.5	5.5	14.7	10.5	8.0	16.7	12.9	3.1	0.7	12.5	15.2
050-070	2	40	48.3	27.0	7.9	7.2	7.2	20.9	8.5	14.2	24.5	5.5	12.3	10.5	8.0	16.7	12.9	3.1	0.7	12.5	15.2
		50	48.3	27.0	7.9	7.2	7.2	20.9	8.5	14.2	24.5	5.5	12.3	10.5	8.0	16.7	12.9	3.1	0.7	12.5	15.2
		60	48.7	27.0	7.9	7.2	7.2	22.1	8.9	14.2	30.5	5.5	13.0	12.3	9.0	18.5	15.6	3.1	0.7	14.0	16.9
		75	48.7	27.0	7.9	7.2	7.2	22.1	8.9	14.2	30.5	5.5	13.0	12.3	9.0	18.5	15.6	3.1	0.7	14.0	16.9
050-110	4	40	51.1	27.0	7.9	7.2	7.2	20.9	10.7	17.0	24.5	7.1	14.6	10.5	8.0	16.7	12.9	3.4	0.7	12.5	15.2
		50	51.1	27.0	7.9	7.2	7.2	20.9	10.7	17.0	24.5	7.1	14.6	10.5	8.0	16.7	12.9	3.4	0.7	12.5	15.2
050-135	4	40	51.6	27.0	7.9	7.2	7.2	20.9	11.3	17.5	24.5	7.1	14.6	10.5	8.0	16.7	12.9	3.9	0.7	12.5	15.2
		50	51.6	27.0	7.9	7.2	7.2	20.9	11.3	17.5	24.5	7.1	14.6	10.5	8.0	16.7	12.9	3.9	0.7	12.5	15.2
		60	52.0	27.0	7.9	7.2	7.2	22.1	11.7	17.5	30.5	7.1	15.2	12.3	9.0	18.5	15.6	3.9	0.7	14.0	16.9
		75	56.2	30.2	7.9	7.3	7.3	23.1	12.6	17.5	30.5	7.1	15.2	12.3	9.0	18.5	15.6	3.9	0.7	14.0	16.9
060-095	4	40	52.0	27.0	7.9	7.2	7.2	20.9	10.9	17.9	24.5	7.1	14.2	10.5	8.0	16.7	12.9	3.9	0.7	12.5	15.2
		50	52.0	27.0	7.9	7.2	7.2	20.9	10.9	17.9	24.5	7.1	14.2	10.5	8.0	16.7	12.9	3.9	0.7	12.5	15.2
060-110	4	40	52.4	27.0	7.9	7.2	7.2	20.9	11.3	18.3	24.5	7.1	14.6	10.5	8.0	16.7	12.9	3.9	0.7	12.5	15.2
		50	52.4	27.0	7.9	7.2	7.2	20.9	11.3	18.3	24.5	7.1	14.6	10.5	8.0	16.7	12.9	3.9	0.7	12.5	15.2
		60	52.8	27.0	7.9	7.2	7.2	22.1	11.7	18.3	30.5	7.1	15.2	12.3	9.0	18.5	15.6	3.9	0.7	14.0	16.9
		75	56.9	30.2	7.9	7.3	7.3	23.1	12.6	18.3	30.5	7.1	15.2	12.3	9.0	18.5	15.6	3.9	0.7	14.0	16.9

Dimensions for NBE pumps with WEG motor and CUE (575V), mounting design A

For more dimensions, see Section *16.17 Flange and bare pump dimensions*.

Dimensions in inch.

Pump size	Pole	P2 [hp]	L11	V1	V2	V3	V4	AV	A3	LP	AG	X	Q	2F	D	P	AB	B1	D3	2E	A*
012-070	2	3	36.0	16.5	7.9	4.9	4.9	14.1	8.5	14.6	13.3	3.9	13.0	5.5	4.5	9.1	7.5	2.0	0.4	7.5	8.7
		5	36.0	16.5	7.9	4.9	4.9	14.1	8.5	14.6	13.3	3.9	13.0	5.5	4.5	9.1	7.5	2.0	0.4	7.5	8.7
		7.5	35.9	16.5	7.9	4.9	4.9	13.7	8.3	11.7	16.3	3.9	11.0	7.0	5.3	10.7	8.3	2.0	0.4	8.5	9.8
		10	35.9	16.5	7.9	4.9	4.9	13.7	8.3	11.7	16.3	3.9	11.0	7.0	5.3	10.7	8.3	2.0	0.4	8.5	9.8
		15	44.7	25.6	7.9	6.3	6.3	17.8	8.1	12.3	20.6	3.9	12.8	8.3	6.3	13.9	10.7	2.0	0.5	10.0	11.5
		20	44.7	25.6	7.9	6.3	6.3	17.8	8.1	12.3	22.4	3.9	12.8	10.0	6.3	13.9	10.7	2.0	0.5	10.0	11.5
	4	1.5	34.2	16.5	7.9	4.9	4.9	13.2	6.7	13.1	11.2	3.9	11.0	5.0	3.5	7.4	5.8	2.0	0.4	5.5	6.7
		2	34.2	16.5	7.9	4.9	4.9	13.2	6.7	13.1	11.2	3.9	11.0	5.0	3.5	7.4	5.8	2.0	0.4	5.5	6.7
015-070	2	5	36.0	16.5	7.9	4.9	4.9	14.1	8.5	14.6	13.3	3.9	13.0	5.5	4.5	9.1	7.5	2.0	0.4	7.5	8.7
		7.5	35.9	16.5	7.9	4.9	4.9	13.7	8.3	11.7	16.3	3.9	11.0	7.0	5.3	10.7	8.3	2.0	0.4	8.5	9.8
		10	35.9	16.5	7.9	4.9	4.9	13.7	8.3	11.7	16.3	3.9	11.0	7.0	5.3	10.7	8.3	2.0	0.4	8.5	9.8
		15	44.7	25.6	7.9	6.3	6.3	17.8	8.1	12.3	20.6	3.9	12.8	8.3	6.3	13.9	10.7	2.0	0.5	10.0	11.5
		20	44.7	25.6	7.9	6.3	6.3	17.8	8.1	12.3	22.4	3.9	12.8	10.0	6.3	13.9	10.7	2.0	0.5	10.0	11.5
	4	1.5	34.2	16.5	7.9	4.9	4.9	13.2	6.7	13.1	11.2	3.9	11.0	5.0	3.5	7.4	5.8	2.0	0.4	5.5	6.7
		2	34.2	16.5	7.9	4.9	4.9	13.2	6.7	13.1	11.2	3.9	11.0	5.0	3.5	7.4	5.8	2.0	0.4	5.5	6.7
		3	36.0	16.5	7.9	4.9	4.9	14.1	8.5	14.6	13.3	3.9	13.0	5.5	4.5	9.1	7.5	2.0	0.4	7.5	8.7
		5	36.0	16.5	7.9	4.9	4.9	14.1	8.5	14.6	13.3	3.9	13.0	5.5	4.5	9.1	7.5	2.0	0.4	7.5	8.7
015-090	2	15	45.6	25.6	7.9	6.3	6.3	17.8	8.1	13.2	20.6	3.9	12.3	8.3	6.3	13.9	10.7	2.6	0.5	10.0	11.5
		20	45.6	25.6	7.9	6.3	6.3	17.8	8.1	13.2	22.4	3.9	12.3	10.0	6.3	13.9	10.7	2.6	0.5	10.0	11.5
		25	45.0	25.6	7.9	6.3	6.3	18.3	7.6	12.7	22.8	3.9	11.9	9.5	7.0	15.1	11.3	2.6	0.5	11.0	13.0
		30	45.0	25.6	7.9	6.3	6.3	18.3	7.6	12.7	22.8	3.9	11.9	9.5	7.0	15.1	11.3	2.6	0.5	11.0	13.0
		40	50.1	30.2	7.9	7.3	7.3	21.9	8.0	13.2	24.5	3.9	12.8	10.5	8.0	16.7	12.9	2.6	0.7	12.5	15.2
		50	50.1	30.2	7.9	7.3	7.3	21.9	8.0	13.2	24.5	3.9	12.8	10.5	8.0	16.7	12.9	2.6	0.7	12.5	15.2
	4	1.5	35.1	16.5	7.9	4.9	4.9	13.2	6.7	14.0	11.2	3.9	10.5	5.0	3.5	7.4	5.8	2.6	0.4	5.5	6.7
		2	35.1	16.5	7.9	4.9	4.9	13.2	6.7	14.0	11.2	3.9	10.5	5.0	3.5	7.4	5.8	2.6	0.4	5.5	6.7
		3	36.9	16.5	7.9	4.9	4.9	14.1	8.5	15.5	13.3	3.9	12.5	5.5	4.5	9.1	7.5	2.6	0.4	7.5	8.7
		5	36.9	16.5	7.9	4.9	4.9	14.1	8.5	15.5	13.3	3.9	12.5	5.5	4.5	9.1	7.5	2.6	0.4	7.5	8.7
015-095	2	15	45.6	25.6	7.9	6.3	6.3	17.8	8.1	13.2	20.6	3.9	12.3	8.3	6.3	13.9	10.7	2.6	0.5	10.0	11.5
		20	45.6	25.6	7.9	6.3	6.3	17.8	8.1	13.2	22.4	3.9	12.3	10.0	6.3	13.9	10.7	2.6	0.5	10.0	11.5
		25	45.0	25.6	7.9	6.3	6.3	18.3	7.6	12.7	22.8	3.9	11.9	9.5	7.0	15.1	11.3	2.6	0.5	11.0	13.0
		30	45.0	25.6	7.9	6.3	6.3	18.3	7.6	12.7	22.8	3.9	11.9	9.5	7.0	15.1	11.3	2.6	0.5	11.0	13.0
		40	50.1	30.2	7.9	7.3	7.3	21.9	8.0	13.2	24.5	3.9	12.8	10.5	8.0	16.7	12.9	2.6	0.7	12.5	15.2
		50	50.1	30.2	7.9	7.3	7.3	21.9	8.0	13.2	24.5	3.9	12.8	10.5	8.0	16.7	12.9	2.6	0.7	12.5	15.2
	4	2	35.1	16.5	7.9	4.9	4.9	13.2	6.7	14.0	11.2	3.9	10.5	5.0	3.5	7.4	5.8	2.6	0.4	5.5	6.7
		3	36.9	16.5	7.9	4.9	4.9	14.1	8.5	15.5	13.3	3.9	12.5	5.5	4.5	9.1	7.5	2.6	0.4	7.5	8.7
		5	36.9	16.5	7.9	4.9	4.9	14.1	8.5	15.5	13.3	3.9	12.5	5.5	4.5	9.1	7.5	2.6	0.4	7.5	8.7
		7.5	36.7	16.5	7.9	4.9	4.9	13.7	8.3	12.6	16.3	3.9	10.5	7.0	5.3	10.7	8.3	2.6	0.4	8.5	9.8
		10	36.7	16.5	7.9	4.9	4.9	13.7	8.3	12.6	16.3	3.9	10.5	7.0	5.3	10.7	8.3	2.6	0.4	8.5	9.8

Pump size	Pole	P2 [hp]	L11	V1	V2	V3	V4	AV	A3	LP	AG	X	Q	2F	D	P	AB	B1	D3	2E	A*
020-095	2	15	46.5	25.6	7.9	6.3	6.3	17.8	9.1	14.2	20.6	3.9	13.3	8.3	6.3	13.9	10.7	2.6	0.5	10.0	11.5
		20	46.5	25.6	7.9	6.3	6.3	17.8	9.1	14.2	22.4	3.9	13.3	10.0	6.3	13.9	10.7	2.6	0.5	10.0	11.5
		25	47.1	25.6	7.9	6.3	6.3	18.3	9.7	14.8	22.8	3.9	14.0	9.5	7.0	15.1	11.3	2.6	0.5	11.0	13.0
		30	47.1	25.6	7.9	6.3	6.3	18.3	9.7	14.8	22.8	3.9	14.0	9.5	7.0	15.1	11.3	2.6	0.5	11.0	13.0
		40	51.8	30.2	7.9	7.3	7.3	21.9	9.7	14.9	24.5	3.9	14.5	10.5	8.0	16.7	12.9	2.6	0.7	12.5	15.2
		50	51.8	30.2	7.9	7.3	7.3	21.9	9.7	14.9	24.5	3.9	14.5	10.5	8.0	16.7	12.9	2.6	0.7	12.5	15.2
		60	53.5	30.2	7.9	7.3	7.3	23.1	11.5	14.9	30.5	3.9	15.1	12.3	9.0	18.5	15.6	2.6	0.7	14.0	16.9
		75	53.5	30.2	7.9	7.3	7.3	23.1	11.5	14.9	30.5	3.9	15.1	12.3	9.0	18.5	15.6	2.6	0.7	14.0	16.9
	4	2	35.1	16.5	7.9	4.9	4.9	13.2	6.7	14.0	11.2	3.9	10.5	5.0	3.5	7.4	5.8	2.6	0.4	5.5	6.7
		3	36.9	16.5	7.9	4.9	4.9	14.1	8.5	15.5	13.3	3.9	12.5	5.5	4.5	9.1	7.5	2.6	0.4	7.5	8.7
		5	36.9	16.5	7.9	4.9	4.9	14.1	8.5	15.5	13.3	3.9	12.5	5.5	4.5	9.1	7.5	2.6	0.4	7.5	8.7
		7.5	36.7	16.5	7.9	4.9	4.9	13.7	8.3	12.6	16.3	3.9	10.5	7.0	5.3	10.7	8.3	2.6	0.4	8.5	9.8
		10	36.7	16.5	7.9	4.9	4.9	13.7	8.3	12.6	16.3	3.9	10.5	7.0	5.3	10.7	8.3	2.6	0.4	8.5	9.8
020-110	4	5	36.9	16.5	7.9	4.9	4.9	14.1	8.5	15.5	13.3	3.9	12.5	5.5	4.5	9.1	7.5	2.6	0.4	7.5	8.7
		7.5	36.7	16.5	7.9	4.9	4.9	13.7	8.3	12.6	16.3	3.9	10.5	7.0	5.3	10.7	8.3	2.6	0.4	8.5	9.8
		10	36.7	16.5	7.9	4.9	4.9	13.7	8.3	12.6	16.3	3.9	10.5	7.0	5.3	10.7	8.3	2.6	0.4	8.5	9.8
		15	45.6	25.6	7.9	6.3	6.3	17.8	8.1	13.2	20.6	3.9	12.3	8.3	6.3	13.9	10.7	2.6	0.5	10.0	11.5
		20	45.6	25.6	7.9	6.3	6.3	17.8	8.1	13.2	22.4	3.9	12.3	10.0	6.3	13.9	10.7	2.6	0.5	10.0	11.5
020-135	4	7.5	39.3	16.5	7.9	4.9	4.9	13.7	9.9	15.2	16.3	5.5	12.1	7.0	5.3	10.7	8.3	2.6	0.4	8.5	9.8
		10	39.3	16.5	7.9	4.9	4.9	13.7	9.9	15.2	16.3	5.5	12.1	7.0	5.3	10.7	8.3	2.6	0.4	8.5	9.8
		15	47.6	25.6	7.9	6.3	6.3	17.8	9.1	15.2	20.6	5.5	13.3	8.3	6.3	13.9	10.7	2.6	0.5	10.0	11.5
		20	47.6	25.6	7.9	6.3	6.3	17.8	9.1	15.2	22.4	5.5	13.3	10.0	6.3	13.9	10.7	2.6	0.5	10.0	11.5
		25	48.1	25.6	7.9	6.3	6.3	18.3	9.7	15.8	22.8	5.5	14.0	9.5	7.0	15.1	11.3	2.6	0.5	11.0	13.0
		30	48.1	25.6	7.9	6.3	6.3	18.3	9.7	15.8	22.8	5.5	14.0	9.5	7.0	15.1	11.3	2.6	0.5	11.0	13.0
025-070	2	7.5	36.7	16.5	7.9	4.9	4.9	13.7	8.3	12.6	16.3	5.5	10.5	7.0	5.3	10.7	8.3	2.6	0.4	8.5	9.8
		10	36.7	16.5	7.9	4.9	4.9	13.7	8.3	12.6	16.3	5.5	10.5	7.0	5.3	10.7	8.3	2.6	0.4	8.5	9.8
		15	45.6	25.6	7.9	6.3	6.3	17.8	8.1	13.2	20.6	5.5	12.3	8.3	6.3	13.9	10.7	2.6	0.5	10.0	11.5
		20	45.6	25.6	7.9	6.3	6.3	17.8	8.1	13.2	22.4	5.5	12.3	10.0	6.3	13.9	10.7	2.6	0.5	10.0	11.5
		25	45.1	25.6	7.9	6.3	6.3	18.3	7.6	12.7	22.8	5.5	11.9	9.5	7.0	15.1	11.3	2.6	0.5	11.0	13.0
		30	45.1	25.6	7.9	6.3	6.3	18.3	7.6	12.7	22.8	5.5	11.9	9.5	7.0	15.1	11.3	2.6	0.5	11.0	13.0
	4	1.5	35.1	16.5	7.9	4.9	4.9	13.2	6.7	14.0	11.2	5.5	10.5	5.0	3.5	7.4	5.8	2.6	0.4	5.5	6.7
		2	35.1	16.5	7.9	4.9	4.9	13.2	6.7	14.0	11.2	5.5	10.5	5.0	3.5	7.4	5.8	2.6	0.4	5.5	6.7
		3	36.9	16.5	7.9	4.9	4.9	14.1	8.5	15.5	13.3	5.5	12.5	5.5	4.5	9.1	7.5	2.6	0.4	7.5	8.7
		5	36.9	16.5	7.9	4.9	4.9	14.1	8.5	15.5	13.3	5.5	12.5	5.5	4.5	9.1	7.5	2.6	0.4	7.5	8.7
025-095	2	25	47.1	25.6	7.9	6.3	6.3	18.3	9.7	14.8	22.8	3.9	13.5	9.5	7.0	15.1	11.3	3.1	0.5	11.0	13.0
		30	47.1	25.6	7.9	6.3	6.3	18.3	9.7	14.8	22.8	3.9	13.5	9.5	7.0	15.1	11.3	3.1	0.5	11.0	13.0
		40	51.8	30.2	7.9	7.3	7.3	21.9	9.7	14.9	24.5	3.9	14.1	10.5	8.0	16.7	12.9	3.1	0.7	12.5	15.2
		50	51.8	30.2	7.9	7.3	7.3	21.9	9.7	14.9	24.5	3.9	14.1	10.5	8.0	16.7	12.9	3.1	0.7	12.5	15.2
		60	53.5	30.2	7.9	7.3	7.3	23.1	11.5	14.9	30.5	3.9	14.7	12.3	9.0	18.5	15.6	3.1	0.7	14.0	16.9
		75	53.5	30.2	7.9	7.3	7.3	23.1	11.5	14.9	30.5	3.9	14.7	12.3	9.0	18.5	15.6	3.1	0.7	14.0	16.9
	4	3	36.9	16.5	7.9	4.9	4.9	14.1	8.5	15.5	13.3	3.9	12.1	5.5	4.5	9.1	7.5	3.1	0.4	7.5	8.7
		5	36.9	16.5	7.9	4.9	4.9	14.1	8.5	15.5	13.3	3.9	12.1	5.5	4.5	9.1	7.5	3.1	0.4	7.5	8.7
		7.5	36.7	16.5	7.9	4.9	4.9	13.7	8.3	12.6	16.3	3.9	10.1	7.0	5.3	10.7	8.3	3.1	0.4	8.5	9.8
		10	36.7	16.5	7.9	4.9	4.9	13.7	8.3	12.6	16.3	3.9	10.1	7.0	5.3	10.7	8.3	3.1	0.4	8.5	9.8
025-110	4	7.5	39.3	16.5	7.9	4.9	4.9	13.7	9.9	15.2	16.3	5.5	11.6	7.0	5.3	10.7	8.3	3.1	0.4	8.5	9.8
		10	39.3	16.5	7.9	4.9	4.9	13.7	9.9	15.2	16.3	5.5	11.6	7.0	5.3	10.7	8.3	3.1	0.4	8.5	9.8
		15	47.6	25.6	7.9	6.3	6.3	17.8	9.1	15.2	20.6	5.5	12.8	8.3	6.3	13.9	10.7	3.1	0.5	10.0	11.5
		20	47.6	25.6	7.9	6.3	6.3	17.8	9.1	15.2	22.4	5.5	12.8	10.0	6.3	13.9	10.7	3.1	0.5	10.0	11.5

Pump size	Pole	P2 [hp]	L11	V1	V2	V3	V4	AV	A3	LP	AG	X	Q	2F	D	P	AB	B1	D3	2E	A*
030-070	2	15	45.6	25.6	7.9	6.3	6.3	17.8	8.1	13.2	20.6	5.5	12.3	8.3	6.3	13.9	10.7	2.6	0.5	10.0	11.5
		20	45.6	25.6	7.9	6.3	6.3	17.8	8.1	13.2	22.4	5.5	12.3	10.0	6.3	13.9	10.7	2.6	0.5	10.0	11.5
		25	45.0	25.6	7.9	6.3	6.3	18.3	7.6	12.7	22.8	5.5	11.9	9.5	7.0	15.1	11.3	2.6	0.5	11.0	13.0
		30	45.0	25.6	7.9	6.3	6.3	18.3	7.6	12.7	22.8	5.5	11.9	9.5	7.0	15.1	11.3	2.6	0.5	11.0	13.0
		40	50.1	30.2	7.9	7.3	7.3	21.9	8.0	13.2	24.5	5.5	12.8	10.5	8.0	16.7	12.9	2.6	0.7	12.5	15.2
		50	50.1	30.2	7.9	7.3	7.3	21.9	8.0	13.2	24.5	5.5	12.8	10.5	8.0	16.7	12.9	2.6	0.7	12.5	15.2
	4	1.5	35.1	16.5	7.9	4.9	4.9	13.2	6.7	14.0	11.2	5.5	10.5	5.0	3.5	7.4	5.8	2.6	0.4	5.5	6.7
		2	35.1	16.5	7.9	4.9	4.9	13.2	6.7	14.0	11.2	5.5	10.5	5.0	3.5	7.4	5.8	2.6	0.4	5.5	6.7
		3	36.9	16.5	7.9	4.9	4.9	14.1	8.5	15.5	13.3	5.5	12.5	5.5	4.5	9.1	7.5	2.6	0.4	7.5	8.7
		5	36.9	16.5	7.9	4.9	4.9	14.1	8.5	15.5	13.3	5.5	12.5	5.5	4.5	9.1	7.5	2.6	0.4	7.5	8.7
030-095	2	40	53.5	30.2	7.9	7.3	7.3	21.9	10.5	16.7	24.5	5.5	14.8	10.5	8.0	16.7	12.9	3.1	0.7	12.5	15.2
		50	53.5	30.2	7.9	7.3	7.3	21.9	10.5	16.7	24.5	5.5	14.8	10.5	8.0	16.7	12.9	3.1	0.7	12.5	15.2
		60	55.3	30.2	7.9	7.3	7.3	23.1	12.2	16.7	30.5	5.5	15.4	12.3	9.0	18.5	15.6	3.1	0.7	14.0	16.9
		75	55.3	30.2	7.9	7.3	7.3	23.1	12.2	16.7	30.5	5.5	15.4	12.3	9.0	18.5	15.6	3.1	0.7	14.0	16.9
	4	5	38.7	16.5	7.9	4.9	4.9	14.1	9.3	17.3	13.3	5.5	12.8	5.5	4.5	9.1	7.5	3.1	0.4	7.5	8.7
		7.5	38.5	16.5	7.9	4.9	4.9	13.7	9.1	14.4	16.3	5.5	10.8	7.0	5.3	10.7	8.3	3.1	0.4	8.5	9.8
		10	38.5	16.5	7.9	4.9	4.9	13.7	9.1	14.4	16.3	5.5	10.8	7.0	5.3	10.7	8.3	3.1	0.4	8.5	9.8
		15	47.3	25.6	7.9	6.3	6.3	17.8	8.9	15.0	20.6	5.5	12.6	8.3	6.3	13.9	10.7	3.1	0.5	10.0	11.5
		20	47.3	25.6	7.9	6.3	6.3	17.8	8.9	15.0	22.4	5.5	12.6	10.0	6.3	13.9	10.7	3.1	0.5	10.0	11.5
030-110	4	10	39.3	16.5	7.9	4.9	4.9	13.7	9.9	15.2	16.3	5.5	11.6	7.0	5.3	10.7	8.3	3.1	0.4	8.5	9.8
		15	47.6	25.6	7.9	6.3	6.3	17.8	9.1	15.2	20.6	5.5	12.8	8.3	6.3	13.9	10.7	3.1	0.5	10.0	11.5
		20	47.6	25.6	7.9	6.3	6.3	17.8	9.1	15.2	22.4	5.5	12.8	10.0	6.3	13.9	10.7	3.1	0.5	10.0	11.5
030-135	4	15	47.6	25.6	7.9	6.3	6.3	17.8	9.1	15.2	20.6	5.5	12.8	8.3	6.3	13.9	10.7	3.0	0.5	10.0	11.5
		20	47.6	25.6	7.9	6.3	6.3	17.8	9.1	15.2	22.4	5.5	12.8	10.0	6.3	13.9	10.7	3.0	0.5	10.0	11.5
		25	48.1	25.6	7.9	6.3	6.3	18.3	9.7	15.8	22.8	5.5	13.5	9.5	7.0	15.1	11.3	3.0	0.5	11.0	13.0
		30	48.1	25.6	7.9	6.3	6.3	18.3	9.7	15.8	22.8	5.5	13.5	9.5	7.0	15.1	11.3	3.0	0.5	11.0	13.0
		40	53.3	30.2	7.9	7.3	7.3	21.9	10.3	16.5	24.5	5.5	14.6	10.5	8.0	16.7	12.9	3.0	0.7	12.5	15.2
		50	53.3	30.2	7.9	7.3	7.3	21.9	10.3	16.5	24.5	5.5	14.6	10.5	8.0	16.7	12.9	3.0	0.7	12.5	15.2
040-070	2	20	46.6	25.6	7.9	6.3	6.3	17.8	8.1	14.2	22.4	5.5	12.3	10.0	6.3	13.9	10.7	2.6	0.5	10.0	11.5
		25	46.0	25.6	7.9	6.3	6.3	18.3	7.6	13.7	22.8	5.5	11.9	9.5	7.0	15.1	11.3	2.6	0.5	11.0	13.0
		30	46.0	25.6	7.9	6.3	6.3	18.3	7.6	13.7	22.8	5.5	11.9	9.5	7.0	15.1	11.3	2.6	0.5	11.0	13.0
		40	51.1	30.2	7.9	7.3	7.3	21.9	8.0	14.2	24.5	5.5	12.8	10.5	8.0	16.7	12.9	2.6	0.7	12.5	15.2
		50	51.1	30.2	7.9	7.3	7.3	21.9	8.0	14.2	24.5	5.5	12.8	10.5	8.0	16.7	12.9	2.6	0.7	12.5	15.2
	4	2	36.1	16.5	7.9	4.9	4.9	13.2	6.7	15.0	11.2	5.5	10.5	5.0	3.5	7.4	5.8	2.6	0.4	5.5	6.7
		3	37.9	16.5	7.9	4.9	4.9	14.1	8.5	16.5	13.3	5.5	12.5	5.5	4.5	9.1	7.5	2.6	0.4	7.5	8.7
		5	37.9	16.5	7.9	4.9	4.9	14.1	8.5	16.5	13.3	5.5	12.5	5.5	4.5	9.1	7.5	2.6	0.4	7.5	8.7
		7.5	37.7	16.5	7.9	4.9	4.9	13.7	8.3	13.6	16.3	5.5	10.5	7.0	5.3	10.7	8.3	2.6	0.4	8.5	9.8
		10	37.7	16.5	7.9	4.9	4.9	13.7	8.3	13.6	16.3	5.5	10.5	7.0	5.3	10.7	8.3	2.6	0.4	8.5	9.8
040-095	2	75	55.8	30.2	7.9	7.3	7.3	23.1	12.2	17.2	30.5	5.5	15.4	12.3	9.0	18.5	15.6	3.1	0.7	14.0	16.9
	4	7.5	39.0	16.5	7.9	4.9	4.9	13.7	9.1	14.9	16.3	5.5	10.8	7.0	5.3	10.7	8.3	3.1	0.4	8.5	9.8
		10	39.0	16.5	7.9	4.9	4.9	13.7	9.1	14.9	16.3	5.5	10.8	7.0	5.3	10.7	8.3	3.1	0.4	8.5	9.8
		15	47.8	25.6	7.9	6.3	6.3	17.8	8.9	15.5	20.6	5.5	12.6	8.3	6.3	13.9	10.7	3.1	0.5	10.0	11.5
		20	47.8	25.6	7.9	6.3	6.3	17.8	8.9	15.5	22.4	5.5	12.6	10.0	6.3	13.9	10.7	3.1	0.5	10.0	11.5
040-110	4	15	48.1	25.6	7.9	6.3	6.3	17.8	9.1	15.7	20.6	5.5	12.8	8.3	6.3	13.9	10.7	3.1	0.5	10.0	11.5
		20	48.1	25.6	7.9	6.3	6.3	17.8	9.1	15.7	22.4	5.5	12.8	10.0	6.3	13.9	10.7	3.1	0.5	10.0	11.5
		25	48.6	25.6	7.9	6.3	6.3	18.3	9.7	16.3	22.8	5.5	13.5	9.5	7.0	15.1	11.3	3.1	0.5	11.0	13.0
		30	48.6	25.6	7.9	6.3	6.3	18.3	9.7	16.3	22.8	5.5	13.5	9.5	7.0	15.1	11.3	3.1	0.5	11.0	13.0
040-135	4	20	48.1	25.6	7.9	6.3	6.3	17.8	9.1	15.7	22.4	5.5	12.9	10.0	6.3	13.9	10.7	3.1	0.5	10.0	11.5
		25	48.6	25.6	7.9	6.3	6.3	18.3	9.7	16.3	22.8	5.5	13.5	9.5	7.0	15.1	11.3	3.1	0.5	11.0	13.0
		30	48.6	25.6	7.9	6.3	6.3	18.3	9.7	16.3	22.8	5.5	13.5	9.5	7.0	15.1	11.3	3.1	0.5	11.0	13.0
		40	53.8	30.2	7.9	7.3	7.3	21.9	10.3	17.0	24.5	5.5	14.7	10.5	8.0	16.7	12.9	3.1	0.7	12.5	15.2
		50	53.8	30.2	7.9	7.3	7.3	21.9	10.3	17.0	24.5	5.5	14.7	10.5	8.0	16.7	12.9	3.1	0.7	12.5	15.2

Pump size	Pole	P2 [hp]	L11	V1	V2	V3	V4	AV	A3	LP	AG	X	Q	2F	D	P	AB	B1	D3	2E	A*
050-070	2	30	46.1	25.6	7.9	6.3	6.3	18.3	7.6	13.7	22.8	5.5	11.4	9.5	7.0	15.1	11.3	3.1	0.5	11.0	13.0
		40	51.1	30.2	7.9	7.3	7.3	21.9	8.0	14.2	24.5	5.5	12.3	10.5	8.0	16.7	12.9	3.1	0.7	12.5	15.2
		50	51.1	30.2	7.9	7.3	7.3	21.9	8.0	14.2	24.5	5.5	12.3	10.5	8.0	16.7	12.9	3.1	0.7	12.5	15.2
		60	52.9	30.2	7.9	7.3	7.3	23.1	9.8	14.2	30.5	5.5	13.0	12.3	9.0	18.5	15.6	3.1	0.7	14.0	16.9
		75	52.9	30.2	7.9	7.3	7.3	23.1	9.8	14.2	30.5	5.5	13.0	12.3	9.0	18.5	15.6	3.1	0.7	14.0	16.9
	4	3	37.9	16.5	7.9	4.9	4.9	14.1	8.5	16.5	13.3	5.5	12.0	5.5	4.5	9.1	7.5	3.1	0.4	7.5	8.7
		5	37.9	16.5	7.9	4.9	4.9	14.1	8.5	16.5	13.3	5.5	12.0	5.5	4.5	9.1	7.5	3.1	0.4	7.5	8.7
		7.5	37.8	16.5	7.9	4.9	4.9	13.7	8.3	13.6	16.3	5.5	10.0	7.0	5.3	10.7	8.3	3.1	0.4	8.5	9.8
		10	37.8	16.5	7.9	4.9	4.9	13.7	8.3	13.6	16.3	5.5	10.0	7.0	5.3	10.7	8.3	3.1	0.4	8.5	9.8
050-095	4	10	40.0	16.5	7.9	4.9	4.9	13.7	10.1	15.9	16.3	5.5	11.8	7.0	5.3	10.7	8.3	3.1	0.4	8.5	9.8
		15	48.8	25.6	7.9	6.3	6.3	17.8	9.9	16.5	20.6	5.5	13.6	8.3	6.3	13.9	10.7	3.1	0.5	10.0	11.5
		20	48.8	25.6	7.9	6.3	6.3	17.8	9.9	16.5	22.4	5.5	13.6	10.0	6.3	13.9	10.7	3.1	0.5	10.0	11.5
		25	49.4	25.6	7.9	6.3	6.3	18.3	10.5	17.1	22.8	5.5	14.3	9.5	7.0	15.1	11.3	3.1	0.5	11.0	13.0
		30	49.4	25.6	7.9	6.3	6.3	18.3	10.5	17.1	22.8	5.5	14.3	9.5	7.0	15.1	11.3	3.1	0.5	11.0	13.0
050-110	4	20	48.1	25.6	7.9	6.3	6.3	17.8	9.1	15.7	22.4	7.1	12.8	10.0	6.3	13.9	10.7	3.4	0.5	10.0	11.5
		25	48.6	25.6	7.9	6.3	6.3	18.3	9.7	16.3	22.8	7.1	13.5	9.5	7.0	15.1	11.3	3.4	0.5	11.0	13.0
		30	48.6	25.6	7.9	6.3	6.3	18.3	9.7	16.3	22.8	7.1	13.5	9.5	7.0	15.1	11.3	3.4	0.5	11.0	13.0
		40	53.8	30.2	7.9	7.3	7.3	21.9	10.3	17.0	24.5	7.1	14.6	10.5	8.0	16.7	12.9	3.4	0.7	12.5	15.2
		50	53.8	30.2	7.9	7.3	7.3	21.9	10.3	17.0	24.5	7.1	14.6	10.5	8.0	16.7	12.9	3.4	0.7	12.5	15.2
050-135	4	25	48.6	25.6	7.9	6.3	6.3	18.3	9.6	16.2	22.8	7.1	12.8	9.5	7.0	15.1	11.3	3.9	0.5	11.0	13.0
		30	48.6	25.6	7.9	6.3	6.3	18.3	9.6	16.2	22.8	7.1	12.8	9.5	7.0	15.1	11.3	3.9	0.5	11.0	13.0
		40	54.4	30.2	7.9	7.3	7.3	21.9	10.8	17.5	24.5	7.1	14.6	10.5	8.0	16.7	12.9	3.9	0.7	12.5	15.2
		50	54.4	30.2	7.9	7.3	7.3	21.9	10.8	17.5	24.5	7.1	14.6	10.5	8.0	16.7	12.9	3.9	0.7	12.5	15.2
		60	56.2	30.2	7.9	7.3	7.3	23.1	12.6	17.5	30.5	7.1	15.2	12.3	9.0	18.5	15.6	3.9	0.7	14.0	16.9
		75	56.2	30.2	7.9	7.3	7.3	23.1	12.6	17.5	30.5	7.1	15.2	12.3	9.0	18.5	15.6	3.9	0.7	14.0	16.9
060-095	4	20	49.6	25.6	7.9	6.3	6.3	17.8	9.9	17.2	22.4	7.1	13.0	10.0	6.3	13.9	10.7	3.9	0.5	10.0	11.5
		25	50.2	25.6	7.9	6.3	6.3	18.3	10.5	17.9	22.8	7.1	13.7	9.5	7.0	15.1	11.3	3.9	0.5	11.0	13.0
		30	50.2	25.6	7.9	6.3	6.3	18.3	10.5	17.9	22.8	7.1	13.7	9.5	7.0	15.1	11.3	3.9	0.5	11.0	13.0
		40	54.8	30.2	7.9	7.3	7.3	21.9	10.5	17.9	24.5	7.1	14.2	10.5	8.0	16.7	12.9	3.9	0.7	12.5	15.2
		50	54.8	30.2	7.9	7.3	7.3	21.9	10.5	17.9	24.5	7.1	14.2	10.5	8.0	16.7	12.9	3.9	0.7	12.5	15.2
060-110	4	30	49.3	25.6	7.9	6.3	6.3	18.3	9.6	17.0	22.8	7.1	12.8	9.5	7.0	15.1	11.3	3.9	0.5	11.0	13.0
		40	55.1	30.2	7.9	7.3	7.3	21.9	10.8	18.3	24.5	7.1	14.6	10.5	8.0	16.7	12.9	3.9	0.7	12.5	15.2
		50	55.1	30.2	7.9	7.3	7.3	21.9	10.8	18.3	24.5	7.1	14.6	10.5	8.0	16.7	12.9	3.9	0.7	12.5	15.2
		60	56.9	30.2	7.9	7.3	7.3	23.1	12.6	18.3	30.5	7.1	15.2	12.3	9.0	18.5	15.6	3.9	0.7	14.0	16.9
		75	56.9	30.2	7.9	7.3	7.3	23.1	12.6	18.3	30.5	7.1	15.2	12.3	9.0	18.5	15.6	3.9	0.7	14.0	16.9

Dimensions in mm

Pump size	Pole	P2 [hp]	L11	V1	V2	V3	V4	AV	A3	LP	AG	X	Q	2F	D	P	AB	B1	D3	2E	A*
012-070	2	3	915	420	200	124	124	357	216	372	337	100	331	140	114	231	190	50	10	191	220
		5	915	420	200	124	124	357	216	372	337	100	331	140	114	231	190	50	10	191	220
		7.5	911	420	200	124	124	347	212	298	413	100	279	178	133	271	210	50	10	216	248
		10	911	420	200	124	124	347	212	298	413	100	279	178	133	271	210	50	10	216	248
		15	1135	650	200	159	159	451	206	313	524	100	326	210	159	354	271	50	13	254	292
		20	1135	650	200	159	159	451	206	313	568	100	326	254	159	354	271	50	13	254	292
	4	1.5	869	420	200	124	124	335	170	334	285	100	280	127	89	187	147	50	9	140	169
		2	869	420	200	124	124	335	170	334	285	100	280	127	89	187	147	50	9	140	169

Pump size	Pole	P2 [hp]	L11	V1	V2	V3	V4	AV	A3	LP	AG	X	Q	2F	D	P	AB	B1	D3	2E	A*
015-070	2	5	915	420	200	124	124	357	215	372	337	100	330	140	114	231	190	50	10	191	220
		7.5	911	420	200	124	124	347	211	298	413	100	279	178	133	271	210	50	10	216	248
		10	911	420	200	124	124	347	211	298	413	100	279	178	133	271	210	50	10	216	248
		15	1135	650	200	159	159	451	205	313	524	100	325	210	159	354	271	50	13	254	292
		20	1135	650	200	159	159	451	205	313	568	100	325	254	159	354	271	50	13	254	292
	4	1.5	869	420	200	124	124	335	169	334	285	100	280	127	89	187	147	50	9	140	169
		2	869	420	200	124	124	335	169	334	285	100	280	127	89	187	147	50	9	140	169
		3	915	420	200	124	124	357	215	372	337	100	330	140	114	231	190	50	10	191	220
		5	915	420	200	124	124	357	215	372	337	100	330	140	114	231	190	50	10	191	220
015-090	2	15	1157	650	200	159	159	451	206	335	524	100	313	210	159	354	271	65	13	254	292
		20	1157	650	200	159	159	451	206	335	568	100	313	254	159	354	271	65	13	254	292
		25	1144	650	200	159	159	465	193	323	578	100	301	241	178	385	287	65	13	279	329
		30	1144	650	200	159	159	465	193	323	578	100	301	241	178	385	287	65	13	279	329
		40	1272	767	200	186	186	557	204	335	623	100	326	267	203	425	327	65	17	318	385
		50	1272	767	200	186	186	557	204	335	623	100	326	267	203	425	327	65	17	318	385
	4	1.5	891	420	200	124	124	335	170	356	285	100	268	127	89	187	147	65	9	140	169
		2	891	420	200	124	124	335	170	356	285	100	268	127	89	187	147	65	9	140	169
		3	937	420	200	124	124	357	216	394	337	100	318	140	114	231	190	65	10	191	220
		5	937	420	200	124	124	357	216	394	337	100	318	140	114	231	190	65	10	191	220
015-095	2	15	1157	650	200	159	159	451	206	335	524	100	313	210	159	354	271	65	13	254	292
		20	1157	650	200	159	159	451	206	335	568	100	313	254	159	354	271	65	13	254	292
		25	1144	650	200	159	159	465	193	323	578	100	301	241	178	385	287	65	13	279	329
		30	1144	650	200	159	159	465	193	323	578	100	301	241	178	385	287	65	13	279	329
		40	1272	767	200	186	186	557	204	335	623	100	326	267	203	425	327	65	17	318	385
		50	1272	767	200	186	186	557	204	335	623	100	326	267	203	425	327	65	17	318	385
	4	2	891	420	200	124	124	335	170	356	285	100	268	127	89	187	147	65	9	140	169
		3	937	420	200	124	124	357	216	394	337	100	318	140	114	231	190	65	10	191	220
		5	937	420	200	124	124	357	216	394	337	100	318	140	114	231	190	65	10	191	220
		7.5	933	420	200	124	124	347	212	320	413	100	266	178	133	271	210	65	10	216	248
		10	933	420	200	124	124	347	212	320	413	100	266	178	133	271	210	65	10	216	248
020-095	2	15	1182	650	200	159	159	451	231	360	524	100	338	210	159	354	271	65	13	254	292
		20	1182	650	200	159	159	451	231	360	568	100	338	254	159	354	271	65	13	254	292
		25	1198	650	200	159	159	465	246	377	578	100	355	241	178	385	287	65	13	279	329
		30	1198	650	200	159	159	465	246	377	578	100	355	241	178	385	287	65	13	279	329
		40	1315	767	200	186	186	557	246	378	623	100	368	267	203	425	327	65	17	318	385
		50	1315	767	200	186	186	557	246	378	623	100	368	267	203	425	327	65	17	318	385
		60	1360	767	200	186	186	587	291	378	776	100	384	311	229	471	395	65	17	356	430
		75	1360	767	200	186	186	587	291	378	776	100	384	311	229	471	395	65	17	356	430
	4	2	891	420	200	124	124	335	170	356	285	100	268	127	89	187	147	65	9	140	169
		3	937	420	200	124	124	357	216	394	337	100	318	140	114	231	190	65	10	191	220
		5	937	420	200	124	124	357	216	394	337	100	318	140	114	231	190	65	10	191	220
		7.5	933	420	200	124	124	347	212	320	413	100	266	178	133	271	210	65	10	216	248
		10	933	420	200	124	124	347	212	320	413	100	266	178	133	271	210	65	10	216	248
020-110	4	5	937	420	200	124	124	357	216	394	337	100	318	140	114	231	190	65	10	191	220
		7.5	933	420	200	124	124	347	212	320	413	100	266	178	133	271	210	65	10	216	248
		10	933	420	200	124	124	347	212	320	413	100	266	178	133	271	210	65	10	216	248
		15	1157	650	200	159	159	451	206	335	524	100	313	210	159	354	271	65	13	254	292
		20	1157	650	200	159	159	451	206	335	568	100	313	254	159	354	271	65	13	254	292
020-135	4	7.5	999	420	200	124	124	347	252	386	413	140	307	178	133	271	210	65	10	216	248
		10	999	420	200	124	124	347	252	386	413	140	307	178	133	271	210	65	10	216	248
		15	1208	650	200	159	159	451	231	386	524	140	339	210	159	354	271	65	13	254	292
		20	1208	650	200	159	159	451	231	386	568	140	339	254	159	354	271	65	13	254	292
		25	1223	650	200	159	159	465	246	402	578	140	355	241	178	385	287	65	13	279	329
		30	1223	650	200	159	159	465	246	402	578	140	355	241	178	385	287	65	13	279	329

Pump size	Pole	P2 [hp]	L11	V1	V2	V3	V4	AV	A3	LP	AG	X	Q	2F	D	P	AB	B1	D3	2E	A*
025-070	2	7.5	933	420	200	124	124	347	212	320	413	140	267	178	133	271	210	65	10	216	248
		10	933	420	200	124	124	347	212	320	413	140	267	178	133	271	210	65	10	216	248
		15	1157	650	200	159	159	451	206	335	524	140	313	210	159	354	271	65	13	254	292
		20	1157	650	200	159	159	451	206	335	568	140	313	254	159	354	271	65	13	254	292
		25	1144	650	200	159	159	465	193	323	578	140	301	241	178	385	287	65	13	279	329
		30	1144	650	200	159	159	465	193	323	578	140	301	241	178	385	287	65	13	279	329
	4	1.5	891	420	200	124	124	335	170	356	285	140	268	127	89	187	147	65	9	140	169
		2	891	420	200	124	124	335	170	356	285	140	268	127	89	187	147	65	9	140	169
		3	937	420	200	124	124	357	216	394	337	140	318	140	114	231	190	65	10	191	220
		5	937	420	200	124	124	357	216	394	337	140	318	140	114	231	190	65	10	191	220
025-095	2	25	1198	650	200	159	159	465	246	377	578	100	344	241	178	385	287	80	13	279	329
		30	1198	650	200	159	159	465	246	377	578	100	344	241	178	385	287	80	13	279	329
		40	1315	767	200	186	186	557	246	378	623	100	358	267	203	425	327	80	17	318	385
		50	1315	767	200	186	186	557	246	378	623	100	358	267	203	425	327	80	17	318	385
		60	1360	767	200	186	186	587	291	378	776	100	374	311	229	471	395	80	17	356	430
		75	1360	767	200	186	186	587	291	378	776	100	374	311	229	471	395	80	17	356	430
	4	3	937	420	200	124	124	357	216	394	337	100	308	140	114	231	190	80	10	191	220
		5	937	420	200	124	124	357	216	394	337	100	308	140	114	231	190	80	10	191	220
		7.5	933	420	200	124	124	347	212	320	413	100	256	178	133	271	210	80	10	216	248
		10	933	420	200	124	124	347	212	320	413	100	256	178	133	271	210	80	10	216	248
025-110	4	7.5	999	420	200	124	124	347	252	386	413	140	294	178	133	271	210	80	10	216	248
		10	999	420	200	124	124	347	252	386	413	140	294	178	133	271	210	80	10	216	248
		15	1208	650	200	159	159	451	231	386	524	140	326	210	159	354	271	80	13	254	292
		20	1208	650	200	159	159	451	231	386	568	140	326	254	159	354	271	80	13	254	292
030-070	2	15	1157	650	200	159	159	451	206	335	524	140	313	210	159	354	271	65	13	254	292
		20	1157	650	200	159	159	451	206	335	568	140	313	254	159	354	271	65	13	254	292
		25	1144	650	200	159	159	465	193	323	578	140	301	241	178	385	287	65	13	279	329
		30	1144	650	200	159	159	465	193	323	578	140	301	241	178	385	287	65	13	279	329
		40	1272	767	200	186	186	557	204	335	623	140	326	267	203	425	327	65	17	318	385
		50	1272	767	200	186	186	557	204	335	623	140	326	267	203	425	327	65	17	318	385
	4	1.5	891	420	200	124	124	335	170	356	285	140	268	127	89	187	147	65	9	140	169
		2	891	420	200	124	124	335	170	356	285	140	268	127	89	187	147	65	9	140	169
		3	937	420	200	124	124	357	216	394	337	140	318	140	114	231	190	65	10	191	220
		5	937	420	200	124	124	357	216	394	337	140	318	140	114	231	190	65	10	191	220
030-095	2	40	1360	767	200	186	186	557	266	423	623	140	376	267	203	425	327	80	17	318	385
		50	1360	767	200	186	186	557	266	423	623	140	376	267	203	425	327	80	17	318	385
		60	1405	767	200	186	186	587	311	423	776	140	392	311	229	471	395	80	17	356	430
		75	1405	767	200	186	186	587	311	423	776	140	392	311	229	471	395	80	17	356	430
	4	5	983	420	200	124	124	357	236	440	337	140	326	140	114	231	190	80	10	191	220
		7.5	979	420	200	124	124	347	232	366	413	140	274	178	133	271	210	80	10	216	248
		10	979	420	200	124	124	347	232	366	413	140	274	178	133	271	210	80	10	216	248
		15	1203	650	200	159	159	451	226	381	524	140	321	210	159	354	271	80	13	254	292
		20	1203	650	200	159	159	451	226	381	568	140	321	254	159	354	271	80	13	254	292
030-110	4	10	999	420	200	124	124	347	252	386	413	140	294	178	133	271	210	80	10	216	248
		15	1208	650	200	159	159	451	231	386	524	140	326	210	159	354	271	80	13	254	292
		20	1208	650	200	159	159	451	231	386	568	140	326	254	159	354	271	80	13	254	292
030-135	4	15	1208	650	200	159	159	451	231	386	524	140	326	210	159	354	271	76	13	254	292
		20	1208	650	200	159	159	451	231	386	568	140	326	254	159	354	271	76	13	254	292
		25	1223	650	200	159	159	465	246	402	578	140	342	241	178	385	287	76	13	279	329
		30	1223	650	200	159	159	465	246	402	578	140	342	241	178	385	287	76	13	279	329
		40	1355	767	200	186	186	557	261	418	623	140	371	267	203	425	327	76	17	318	385
		50	1355	767	200	186	186	557	261	418	623	140	371	267	203	425	327	76	17	318	385

Pump size	Pole	P2 [hp]	L11	V1	V2	V3	V4	AV	A3	LP	AG	X	Q	2F	D	P	AB	B1	D3	2E	A*
040-070	2	20	1183	650	200	159	159	451	206	361	568	140	313	254	159	354	271	65	13	254	292
		25	1170	650	200	159	159	465	193	349	578	140	301	241	178	385	287	65	13	279	329
		30	1170	650	200	159	159	465	193	349	578	140	301	241	178	385	287	65	13	279	329
		40	1298	767	200	186	186	557	204	361	623	140	326	267	203	425	327	65	17	318	385
		50	1298	767	200	186	186	557	204	361	623	140	326	267	203	425	327	65	17	318	385
	4	2	917	420	200	124	124	335	170	382	285	140	268	127	89	187	147	65	9	140	169
		3	963	420	200	124	124	357	216	420	337	140	318	140	114	231	190	65	10	191	220
		5	963	420	200	124	124	357	216	420	337	140	318	140	114	231	190	65	10	191	220
		7.5	959	420	200	124	124	347	212	346	413	140	266	178	133	271	210	65	10	216	248
		10	959	420	200	124	124	347	212	346	413	140	266	178	133	271	210	65	10	216	248
040-095	2	75	1418	767	200	186	186	587	311	436	776	140	392	311	229	471	395	80	17	356	430
	4	7.5	991	420	200	124	124	347	232	378	413	140	274	178	133	271	210	80	10	216	248
		10	991	420	200	124	124	347	232	378	413	140	274	178	133	271	210	80	10	216	248
		15	1215	650	200	159	159	451	226	393	524	140	321	210	159	354	271	80	13	254	292
		20	1215	650	200	159	159	451	226	393	568	140	321	254	159	354	271	80	13	254	292
040-110	4	15	1221	650	200	159	159	451	231	399	524	140	326	210	159	354	271	80	13	254	292
		20	1221	650	200	159	159	451	231	399	568	140	326	254	159	354	271	80	13	254	292
		25	1236	650	200	159	159	465	246	415	578	140	342	241	178	385	287	80	13	279	329
		30	1236	650	200	159	159	465	246	415	578	140	342	241	178	385	287	80	13	279	329
040-135	4	20	1221	650	200	159	159	451	231	399	568	140	328	254	159	354	271	80	13	254	292
		25	1236	650	200	159	159	465	246	415	578	140	344	241	178	385	287	80	13	279	329
		30	1236	650	200	159	159	465	246	415	578	140	344	241	178	385	287	80	13	279	329
		40	1368	767	200	186	186	557	261	431	623	140	373	267	203	425	327	80	17	318	385
		50	1368	767	200	186	186	557	261	431	623	140	373	267	203	425	327	80	17	318	385
050-070	2	30	1170	650	200	159	159	465	193	349	578	140	289	241	178	385	287	80	13	279	329
		40	1298	767	200	186	186	557	204	361	623	140	313	267	203	425	327	80	17	318	385
		50	1298	767	200	186	186	557	204	361	623	140	313	267	203	425	327	80	17	318	385
		60	1343	767	200	186	186	587	249	361	776	140	329	311	229	471	395	80	17	356	430
		75	1343	767	200	186	186	587	249	361	776	140	329	311	229	471	395	80	17	356	430
	4	3	963	420	200	124	124	357	216	420	337	140	306	140	114	231	190	80	10	191	220
		5	963	420	200	124	124	357	216	420	337	140	306	140	114	231	190	80	10	191	220
		7.5	959	420	200	124	124	347	212	346	413	140	254	178	133	271	210	80	10	216	248
		10	959	420	200	124	124	347	212	346	413	140	254	178	133	271	210	80	10	216	248
050-095	4	10	1017	420	200	124	124	347	257	404	413	140	299	178	133	271	210	80	10	216	248
		15	1240	650	200	159	159	451	251	418	524	140	346	210	159	354	271	80	13	254	292
		20	1240	650	200	159	159	451	251	418	568	140	346	254	159	354	271	80	13	254	292
		25	1256	650	200	159	159	465	266	435	578	140	362	241	178	385	287	80	13	279	329
		30	1256	650	200	159	159	465	266	435	578	140	362	241	178	385	287	80	13	279	329
050-110	4	20	1221	650	200	159	159	451	231	399	568	180	326	254	159	354	271	86	13	254	292
		25	1236	650	200	159	159	465	246	415	578	180	342	241	178	385	287	86	13	279	329
		30	1236	650	200	159	159	465	246	415	578	180	342	241	178	385	287	86	13	279	329
		40	1368	767	200	186	186	557	261	431	623	180	371	267	203	425	327	86	17	318	385
		50	1368	767	200	186	186	557	261	431	623	180	371	267	203	425	327	86	17	318	385
050-135	4	25	1234	650	200	159	159	465	244	413	578	180	325	241	178	385	287	100	13	279	329
		30	1234	650	200	159	159	465	244	413	578	180	325	241	178	385	287	100	13	279	329
		40	1382	767	200	186	186	557	275	445	623	180	370	267	203	425	327	100	17	318	385
		50	1382	767	200	186	186	557	275	445	623	180	370	267	203	425	327	100	17	318	385
		60	1427	767	200	186	186	587	320	445	776	180	386	311	229	471	395	100	17	356	430
		75	1427	767	200	186	186	587	320	445	776	180	386	311	229	471	395	100	17	356	430
060-095	4	20	1259	650	200	159	159	451	251	437	568	180	331	254	159	354	271	100	13	254	292
		25	1275	650	200	159	159	465	266	454	578	180	347	241	178	385	287	100	13	279	329
		30	1275	650	200	159	159	465	266	454	578	180	347	241	178	385	287	100	13	279	329
		40	1392	767	200	186	186	557	266	455	623	180	361	267	203	425	327	100	17	318	385
		50	1392	767	200	186	186	557	266	455	623	180	361	267	203	425	327	100	17	318	385

Pump size	Pole	P2 [hp]	L11	V1	V2	V3	V4	AV	A3	LP	AG	X	Q	2F	D	P	AB	B1	D3	2E	A*
060-110	4	30	1253	650	200	159	159	465	244	432	578	180	325	241	178	385	287	100	13	279	329
		40	1401	767	200	186	186	557	275	464	623	180	370	267	203	425	327	100	17	318	385
		50	1401	767	200	186	186	557	275	464	623	180	370	267	203	425	327	100	17	318	385
		60	1446	767	200	186	186	587	320	464	776	180	386	311	229	471	395	100	17	356	430
		75	1446	767	200	186	186	587	320	464	776	180	386	311	229	471	395	100	17	356	430

Dimensions for NBE pumps with TEFC motor (WEG and Baldor, 230/460/575 V), mounting design B and C

For more dimensions, see Section *16.17 Flange and bare pump dimensions* and Dimensions for NBE pumps with WEG motor and CUE, mounting design A.

Dimensions in inch.

Pump size	Pole	P2 [hp]	HG3	L8	H5	Q		L6	HG1	L11	L10	D1	D2	E	B4	B7	L7	L4	H7	N2
						Baldor	WEG													
012-070	2	3	0.2	3.1	1.7	6.7	5.9	12.2	0.2	25.9	0.7	0.7	0.7	3.7	10.4	11.4	7.8	13.7	7.0	7.5
		5	0.2	3.1	1.7	6.7	5.9	12.2	0.2	25.9	0.7	0.7	0.7	3.7	10.4	11.4	7.8	13.7	7.0	7.5
		7.5	0.2	3.1	1.7	7.5	6.8	15.2	0.2	29.7	0.7	0.7	0.7	4.3	11.5	11.4	7.8	16.7	7.0	7.5
		7.5	0.2	3.1	1.7	7.5	6.8	15.2	0.2	29.7	0.7	0.7	0.7	4.3	11.5	11.4	7.8	16.7	7.0	7.5
		10	0.2	3.1	1.7	7.5	6.8	15.2	0.2	29.7	0.7	0.7	0.7	4.3	11.5	11.4	7.8	16.7	7.0	7.5
		15	0.2	3.1	1.7	7.9	7.9	18.7	0.4	33.7	0.7	0.7	0.7	5.0	12.0	11.4	7.8	20.2	7.0	7.5
		15	0.2	3.1	1.7	7.9	7.9	18.7	0.4	33.7	0.7	0.7	0.7	5.0	12.0	11.4	7.8	20.2	7.0	7.5
	4	1.5	0.5	3.1	1.0	5.1	4.6	11.8	0.2	23.9	0.7	0.7	0.7	2.8	8.5	10.4	7.8	13.3	6.3	7.5
015-070	2	5	0.2	3.1	1.7	6.7	5.9	12.2	0.2	27.1	0.7	0.7	0.7	3.7	10.4	11.4	7.8	13.7	7.0	7.5
		7.5	0.2	3.1	1.7	7.5	6.8	15.2	0.2	29.7	0.7	0.7	0.7	4.3	11.5	11.4	7.8	16.7	7.0	7.5
		10	0.2	3.1	1.7	7.5	6.8	15.2	0.2	29.8	0.7	0.7	0.7	4.3	11.5	11.4	7.8	16.7	7.0	7.5
		15	-	3.1	1.7	7.9	7.9	18.7	0.4	33.7	0.7	0.7	0.7	5.0	12.0	11.4	7.8	20.2	7.0	7.5
		20	0.2	3.1	1.7	7.9	7.9	18.7	0.4	33.7	0.7	0.7	0.7	5.0	12.0	11.4	7.8	20.2	7.0	7.5
	4	1.5	0.5	3.1	1.0	5.1	4.6	11.8	0.2	23.9	0.7	0.7	0.7	2.8	8.5	10.4	7.8	13.3	6.3	7.5
		2	0.5	3.1	1.0	5.1	4.6	11.8	0.2	23.9	0.7	0.7	0.7	2.8	8.5	10.4	7.8	13.3	6.3	7.5
		3	0.2	3.1	1.7	6.7	5.9	12.2	0.2	25.9	0.7	0.7	0.7	3.7	10.4	11.4	7.8	13.7	7.0	7.5
015-090	2	15	0.5	3.6	1.0	8.2	8.2	18.5	0.2	35.0	0.4	0.7	0.7	5.0	13.0	12.8	8.7	20.0	8.0	9.8
		20	0.5	3.6	1.0	8.2	8.2	18.5	0.2	35.0	0.4	0.7	0.7	5.0	13.0	12.8	8.7	20.0	8.0	9.8
		25	0.5	3.6	1.0	7.4	7.4	20.7	0.5	36.6	0.4	0.7	0.7	5.5	13.9	12.8	8.7	22.2	8.0	9.8
		30	0.5	3.6	1.0	7.4	7.4	20.7	0.5	36.6	0.4	0.7	0.7	5.5	13.9	12.8	8.7	22.2	8.0	9.8
		40	0.2	3.7	2.0	8.2	8.2	22.0	0.5	38.7	0.5	0.7	0.7	6.3	15.4	13.8	9.0	23.5	9.0	9.8
	4	1.5	-	-	-	6.3	5.9	12.8	0.2	25.7	-	-	0.7	2.8	8.5	-	-	14.3	7.0	9.8
		2	-	-	-	6.3	5.9	12.8	0.2	25.7	-	-	0.7	2.8	8.5	-	-	14.3	7.0	9.8
		3	-	-	-	7.9	7.2	13.1	0.2	27.7	-	-	0.7	3.7	10.4	-	-	14.6	7.0	9.8
		5	-	-	-	7.9	7.2	13.1	0.2	28.0	-	-	0.7	3.7	10.4	-	-	14.6	7.0	9.8
015-095	2	15	0.5	3.6	1.0	8.2	8.2	18.5	0.2	35.0	0.4	0.7	0.7	5.0	13.0	12.8	8.7	20.0	8.0	9.8
		20	0.5	3.6	1.0	8.2	8.2	18.5	0.2	35.0	0.4	0.7	0.7	5.0	13.0	12.8	8.7	20.0	8.0	9.8
		25	0.5	3.6	1.0	7.4	7.4	20.7	0.5	36.6	0.4	0.7	0.7	5.5	13.9	12.8	8.7	22.2	8.0	9.8
		30	0.5	3.6	1.0	7.4	7.4	20.7	0.5	36.6	0.4	0.7	0.7	5.5	13.9	12.8	8.7	22.2	8.0	9.8
		40	0.2	3.7	2.0	8.2	8.2	22.0	0.5	38.7	0.5	0.7	0.7	6.3	15.4	13.8	9.0	23.5	9.0	9.8
		50	0.2	3.7	2.0	8.2	8.2	22.0	0.5	38.7	0.5	0.7	0.7	6.3	15.4	13.8	9.0	23.5	9.0	9.8
	4	2	-	-	-	6.3	5.9	12.8	0.2	25.7	-	-	0.7	2.8	8.5	-	-	14.3	7.0	9.8
		3	-	-	-	7.9	7.2	13.1	0.2	27.7	-	-	0.7	3.7	10.4	-	-	14.6	7.0	9.8
		5	-	-	-	7.9	7.2	13.1	0.2	28.0	-	-	0.7	3.7	10.4	-	-	14.6	7.0	9.8
		7.5	-	-	-	8.8	8.0	15.2	0.2	30.6	-	-	0.7	4.3	11.5	-	-	16.7	7.0	9.8

Pump size	Pole	P2 [hp]	HG3	L8	H5	Q		L6	HG1	L11	L10	D1	D2	E	B4	B7	L7	L4	H7	N2
						Baldor	WEG													
020-095	2	15	0.5	3.6	1.0	9.2	9.2	18.5	0.2	36.0	0.4	0.7	0.7	5.0	13.0	12.8	8.7	20.0	8.0	9.8
		20	0.5	3.6	1.0	9.2	9.2	18.5	0.2	36.0	0.4	0.7	0.7	5.0	13.0	12.8	8.7	20.0	8.0	9.8
		25	0.5	3.6	1.0	9.6	9.6	20.7	0.5	38.7	0.4	0.7	0.7	5.5	13.9	12.8	8.7	22.2	8.0	9.8
		30	0.5	3.6	1.0	9.6	9.6	20.7	0.5	38.7	0.4	0.7	0.7	5.5	13.9	12.8	8.7	22.2	8.0	9.8
		40	0.2	3.7	2.0	9.9	9.9	22.0	0.5	40.4	0.5	0.7	0.7	6.3	15.4	13.8	9.0	23.5	9.0	9.8
		50	0.2	3.7	2.0	9.9	9.9	22.0	0.5	40.4	0.5	0.7	0.7	6.3	15.4	13.8	9.0	23.5	9.0	9.8
		60	0.2	3.7	3.0	10.4	10.4	23.0	0.5	42.7	0.5	0.7	0.7	7.0	17.0	13.8	9.0	24.5	10.0	9.8
		60	0.2	3.7	3.0	10.4	10.4	23.0	0.5	42.7	0.5	0.7	0.7	7.0	17.0	13.8	9.0	24.5	10.0	9.8
	4	2	-	-	-	6.3	5.9	12.8	0.2	25.7	-	-	0.7	2.8	8.5	-	-	14.3	7.0	9.8
		3	-	-	-	7.9	7.2	13.1	0.2	27.7	-	-	0.7	3.7	10.4	-	-	14.6	7.0	9.8
		5	-	-	-	7.9	7.2	13.1	0.2	28.0	-	-	0.7	3.7	10.4	-	-	14.6	7.0	9.8
		7.5	-	-	-	8.8	8.0	15.2	0.2	30.6	-	-	0.7	4.3	11.5	-	-	16.7	7.0	9.8
020-110	4	5	-	-	-	7.9	7.2	13.1	0.2	28.0	-	-	0.7	3.7	10.4	-	-	14.6	7.0	9.8
		7.5	-	-	-	8.8	8.0	15.2	0.2	30.6	-	-	0.7	4.3	11.5	-	-	16.7	7.0	9.8
		10	-	-	-	8.8	8.0	15.2	0.2	30.7	-	-	0.7	4.3	11.5	-	-	16.7	7.0	9.8
		15	-	-	-	9.2	9.2	18.7	0.4	34.6	-	-	0.7	5.0	12.0	-	-	20.2	7.0	9.8
020-135	4	7.5	-	-	-	10.4	9.6	15.2	0.2	33.1	-	-	0.7	4.3	11.5	-	-	16.7	9.0	11.0
		10	-	-	-	10.4	9.6	15.2	0.2	33.3	-	-	0.7	4.3	11.5	-	-	16.7	9.0	11.0
		15	-	-	-	10.9	10.9	19.0	0.2	37.6	-	-	0.7	5.0	13.0	-	-	20.5	9.0	11.0
		20	-	-	-	10.9	10.9	19.0	0.2	37.6	-	-	0.7	5.0	13.0	-	-	20.5	9.0	11.0
		25	-	-	-	11.9	11.9	20.2	0.3	39.8	-	-	0.7	5.5	15.2	-	-	21.7	9.0	11.0
025-070	2	7.5	0.4	3.6	0.7	7.0	6.3	15.2	0.2	30.6	0.4	0.7	0.7	4.3	11.5	11.3	8.7	16.7	7.0	8.3
		10	0.4	3.6	0.7	7.0	6.3	15.2	0.2	30.7	0.4	0.7	0.7	4.3	11.5	11.3	8.7	16.7	7.0	8.3
		15	0.4	3.6	0.7	7.4	7.4	18.7	0.4	34.6	0.4	0.7	0.7	5.0	12.0	11.3	8.7	20.2	7.0	8.3
		20	0.4	3.6	0.7	7.4	7.4	18.7	0.4	34.6	0.4	0.7	0.7	5.0	12.0	11.3	8.7	20.2	7.0	8.3
		25	0.2	3.7	1.7	7.3	7.3	20.7	0.5	36.6	0.5	0.7	0.7	5.5	13.9	12.3	9.0	22.2	8.0	8.3
		30	0.2	3.7	1.7	7.3	7.3	20.7	0.5	36.6	0.5	0.7	0.7	5.5	13.9	12.3	9.0	22.2	8.0	8.3
	4	1.5	-	-	-	6.3	5.9	11.8	0.2	24.7	-	-	0.7	2.8	8.5	-	-	13.3	6.3	8.3
		2	-	-	-	6.3	5.9	11.8	0.2	24.7	-	-	0.7	2.8	8.5	-	-	13.3	6.3	8.3
		3	0.4	3.6	0.7	6.1	5.4	13.1	0.2	27.7	0.4	0.7	0.7	3.7	10.4	11.3	8.7	14.6	7.0	8.3
		5	0.4	3.6	0.7	6.1	5.4	13.1	0.2	28.0	0.4	0.7	0.7	3.7	10.4	11.3	8.7	14.6	7.0	8.3
025-095	2	25	-	-	-	10.9	10.9	20.7	0.5	38.7	-	-	0.7	5.5	13.9	-	-	22.2	8.0	11.0
		30	-	-	-	10.9	10.9	20.7	0.5	38.7	-	-	0.7	5.5	13.9	-	-	22.2	8.0	11.0
		40	0.5	4.5	1.0	9.2	9.2	22.0	0.5	40.4	1.3	0.7	0.7	6.3	15.4	15.0	10.5	23.5	9.0	11.0
		50	0.5	4.5	1.0	9.2	9.2	22.0	0.5	40.4	1.3	0.7	0.7	6.3	15.4	15.0	10.5	23.5	9.0	11.0
		60	0.2	4.5	2.0	9.6	9.6	23.0	0.5	42.7	1.3	0.7	0.7	7.0	17.0	15.9	10.5	24.5	10.0	11.0
		75	0.2	4.5	2.0	9.6	9.6	23.0	0.5	42.7	1.3	0.7	0.7	7.0	17.0	15.9	10.5	24.5	10.0	11.0
		75	0.2	4.5	2.0	9.6	9.6	23.0	0.5	42.7	1.3	0.7	0.7	7.0	17.0	15.9	10.5	24.5	10.0	11.0
	4	3	-	-	-	7.5	6.7	13.1	0.2	27.7	-	-	0.7	3.7	10.4	-	-	14.6	8.0	11.0
		5	-	-	-	7.5	6.7	13.1	0.2	28.0	-	-	0.7	3.7	10.4	-	-	14.6	8.0	11.0
		7.5	-	-	-	8.3	7.6	15.2	0.2	30.6	-	-	0.7	4.3	11.5	-	-	16.7	8.0	11.0
		10	-	-	-	8.3	7.6	15.2	0.2	30.7	-	-	0.7	4.3	11.5	-	-	16.7	8.0	11.0
025-110	4	7.5	-	-	-	9.9	9.1	15.2	0.2	33.1	-	-	0.7	4.3	11.5	-	-	16.7	8.0	11.0
		10	-	-	-	9.9	9.1	15.2	0.2	33.3	-	-	0.7	4.3	11.5	-	-	16.7	8.0	11.0
		15	-	-	-	10.4	10.4	18.5	0.2	37.0	-	-	0.7	5.0	13.0	-	-	20.0	8.0	11.0
030-070	2	15	0.4	3.6	0.7	7.4	7.4	18.7	0.4	34.6	0.4	0.7	0.7	5.0	12.0	11.3	8.7	20.2	7.0	8.3
		20	0.4	3.6	0.7	7.4	7.4	18.7	0.4	34.6	0.4	0.7	0.7	5.0	12.0	11.3	8.7	20.2	7.0	8.3
		25	0.2	3.7	1.7	7.3	7.3	20.7	0.5	36.6	0.5	0.7	0.7	5.5	13.9	12.3	9.0	22.2	8.0	8.3
		30	0.2	3.7	1.7	7.3	7.3	20.7	0.5	36.6	0.5	0.7	0.7	5.5	13.9	12.3	9.0	22.2	8.0	8.3
		40	0.2	3.7	2.8	8.2	8.2	22.0	0.5	38.7	0.5	0.7	0.7	6.3	15.4	12.3	9.0	23.5	9.0	8.3
	4	1.5	-	-	-	6.3	5.9	11.8	0.2	24.7	-	-	0.7	2.8	8.5	-	-	13.3	6.3	8.3
		2	-	-	-	6.3	5.9	11.8	0.2	24.7	-	-	0.7	2.8	8.5	-	-	13.3	6.3	8.3
		3	0.4	3.6	0.7	6.1	5.4	13.1	0.2	27.7	0.4	0.7	0.7	3.7	10.4	11.3	8.7	14.6	7.0	8.3
		5	0.4	3.6	0.7	6.1	5.4	13.1	0.2	28.0	0.4	0.7	0.7	3.7	10.4	11.3	8.7	14.6	7.0	8.3

Pump size	Pole	P2 [hp]	HG3	L8	H5	Q		L6	HG1	L11	L10	D1	D2	E	B4	B7	L7	L4	H7	N2
						Baldor	WEG													
030-095	2	40	0.5	4.5	1.0	10.0	10.0	22.0	0.5	42.2	0.2	0.7	0.7	6.3	15.4	16.3	10.5	23.5	9.0	12.4
		50	0.5	4.5	1.0	10.0	10.0	22.0	0.5	42.2	0.2	0.7	0.7	6.3	15.4	16.3	10.5	23.5	9.0	12.4
		60	0.2	4.5	2.0	10.4	10.4	23.0	0.5	44.4	0.2	0.7	0.7	7.0	17.0	17.3	10.5	24.5	10.0	12.4
		75	0.2	4.5	2.0	10.4	10.4	23.0	0.5	44.4	0.2	0.7	0.7	7.0	17.0	17.3	10.5	24.5	10.0	12.4
	4	5	-	-	-	8.2	7.4	13.1	0.2	29.8	-	-	0.7	3.7	10.4	-	-	14.6	8.0	12.4
		7.5	-	-	-	9.1	8.3	15.2	0.2	32.4	-	-	0.7	4.3	11.5	-	-	16.7	8.0	12.4
		10	-	-	-	9.1	8.3	15.2	0.2	32.5	-	-	0.7	4.3	11.5	-	-	16.7	8.0	12.4
		15	-	-	-	10.2	10.2	18.5	0.2	36.9	-	-	0.7	5.0	13.0	-	-	20.0	8.0	12.4
030-110	4	10	-	-	-	9.9	9.1	15.2	0.2	33.3	-	-	0.7	4.3	11.5	-	-	16.7	8.0	12.4
		15	-	-	-	10.4	10.4	18.5	0.2	37.0	-	-	0.7	5.0	13.0	-	-	20.0	8.0	12.4
		20	-	-	-	10.4	10.4	18.5	0.2	37.0	-	-	0.7	5.0	13.0	-	-	20.0	8.0	12.4
030-110	4	15	-	-	-	10.4	10.4	19.5	0.2	38.0	-	-	0.7	5.0	13.0	-	-	21.0	10.0	12.4
		20	-	-	-	10.4	10.4	19.5	0.2	38.0	-	-	0.7	5.0	13.0	-	-	21.0	10.0	12.4
		25	-	-	-	11.5	11.5	20.7	0.3	40.3	-	-	0.7	5.5	15.2	-	-	22.2	10.0	12.4
		30	-	-	-	11.5	11.5	20.7	0.3	40.3	-	-	0.7	5.5	15.2	-	-	22.2	10.0	12.4
		40	-	-	-	12.5	12.5	21.7	0.3	42.4	-	-	0.7	6.3	16.7	-	-	23.3	10.0	12.4
040-070	2	20	0.5	3.6	1.0	8.2	8.2	18.5	0.2	36.1	0.6	0.7	0.7	5.0	13.0	14.0	8.7	20.0	8.0	11.0
		25	0.5	3.6	1.0	7.4	7.4	20.7	0.5	37.6	0.6	0.7	0.7	5.5	13.9	14.0	8.7	22.2	8.0	11.0
		30	0.5	3.6	1.0	7.4	7.4	20.7	0.5	37.6	0.6	0.7	0.7	5.5	13.9	14.0	8.7	22.2	8.0	11.0
		40	0.2	3.7	2.0	8.2	8.2	22.0	0.5	39.7	0.5	0.7	0.7	6.3	15.4	15.0	9.0	23.5	9.0	11.0
		50	0.2	3.7	2.0	8.2	8.2	22.0	0.5	39.7	0.5	0.7	0.7	6.3	15.4	15.0	9.0	23.5	9.0	11.0
	4	2	-	-	-	6.3	5.9	12.8	0.2	26.7	-	-	0.7	2.8	8.5	-	-	14.3	7.0	11.0
		3	-	-	-	7.9	7.2	13.1	0.2	28.7	-	-	0.7	3.7	10.4	-	-	14.6	7.0	11.0
		5	-	-	-	7.9	7.2	13.1	0.2	29.0	-	-	0.7	3.7	10.4	-	-	14.6	7.0	11.0
		7.5	-	-	-	8.8	8.0	15.2	0.2	31.6	-	-	0.7	4.3	11.5	-	-	16.7	7.0	11.0
040-095	2	60	0.5	4.5	1.0	10.4	10.4	23.0	0.5	45.0	0.2	0.7	0.7	7.0	17.0	16.3	10.5	24.5	10.0	12.4
		75	0.5	4.5	1.0	10.4	10.4	23.0	0.5	45.0	0.2	0.7	0.7	7.0	17.0	16.3	10.5	24.5	10.0	12.4
	4	7.5	-	-	-	9.1	8.3	15.2	0.2	32.8	-	-	0.7	4.3	11.5	-	-	16.7	9.0	12.4
		10	-	-	-	9.1	8.3	15.2	0.2	33.0	-	-	0.7	4.3	11.5	-	-	16.7	9.0	12.4
		15	-	-	-	10.2	10.2	19.0	0.2	37.8	-	-	0.7	5.0	13.0	-	-	20.5	9.0	12.4
		20	-	-	-	10.2	10.2	19.0	0.2	37.8	-	-	0.7	5.0	13.0	-	-	20.5	9.0	12.4
040-110	4	15	-	-	-	10.4	10.4	19.0	0.2	38.0	-	-	0.7	5.0	13.0	-	-	20.5	9.0	12.4
		20	-	-	-	10.4	10.4	19.0	0.2	38.0	-	-	0.7	5.0	13.0	-	-	20.5	9.0	12.4
		25	-	-	-	11.5	11.5	20.2	0.3	40.3	-	-	0.7	5.5	15.2	-	-	21.7	9.0	12.4
		30	-	-	-	11.5	11.5	20.2	0.3	40.3	-	-	0.7	5.5	15.2	-	-	21.7	9.0	12.4
040-135	4	20	-	-	-	10.5	10.5	19.5	0.2	38.5	-	-	0.7	5.0	13.0	-	-	21.0	10.0	12.4
		25	-	-	-	11.5	11.5	20.7	0.3	40.8	-	-	0.7	5.5	15.2	-	-	22.2	10.0	12.4
		30	-	-	-	11.5	11.5	20.7	0.3	40.8	-	-	0.7	5.5	15.2	-	-	22.2	10.0	12.4
		40	-	-	-	12.6	12.6	21.7	0.3	42.9	-	-	0.7	6.3	16.7	-	-	23.3	10.0	12.4
		50	-	-	-	12.6	12.6	21.7	0.3	42.9	-	-	0.7	6.3	16.7	-	-	23.3	10.0	12.4
050-070	2	25	-	-	-	8.7	8.7	20.7	0.5	37.6	-	-	0.7	5.5	13.9	-	-	22.2	8.0	11.0
		30	-	-	-	8.7	8.7	20.7	0.5	37.6	-	-	0.7	5.5	13.9	-	-	22.2	8.0	11.0
		40	0.5	4.5	1.0	7.5	7.5	22.0	0.5	39.7	0.2	0.7	0.7	6.3	15.4	15.0	10.5	23.5	9.0	11.0
		50	0.5	4.5	1.0	7.5	7.5	22.0	0.5	39.7	0.2	0.7	0.7	6.3	15.4	15.0	10.5	23.5	9.0	11.0
		60	0.2	4.5	2.0	8.0	8.0	23.0	0.5	42.0	0.2	0.7	0.7	7.0	17.0	15.9	10.5	24.5	10.0	11.0
		75	0.2	4.5	2.0	8.0	8.0	23.0	0.5	42.0	0.2	0.7	0.7	7.0	17.0	15.9	10.5	24.5	10.0	11.0
	4	3	-	-	-	7.4	6.7	13.1	0.2	28.7	-	-	0.7	3.7	10.4	-	-	14.6	8.0	11.0
		5	-	-	-	7.4	6.7	13.1	0.2	29.0	-	-	0.7	3.7	10.4	-	-	14.6	8.0	11.0
		7.5	-	-	-	8.3	7.5	15.2	0.2	31.6	-	-	0.7	4.3	11.5	-	-	16.7	8.0	11.0
		10	-	-	-	8.3	7.5	15.2	0.2	31.6	-	-	0.7	4.3	11.5	-	-	16.7	8.0	11.0

Pump size	Pole	P2 [hp]	HG3	L8	H5	Q		L6	HG1	L11	L10	D1	D2	E	B4	B7	L7	L4	H7	N2
						Baldor	WEG													
050-095	4	10	-	-	-	10.1	9.3	16.0	0.2	34.7	-	-	0.7	4.3	11.5	-	-	17.5	10.0	12.4
		15	-	-	-	11.2	11.2	19.5	0.2	39.3	-	-	0.7	5.0	13.0	-	-	21.0	10.0	12.4
		20	-	-	-	11.2	11.2	19.5	0.2	39.3	-	-	0.7	5.0	13.0	-	-	21.0	10.0	12.4
		25	-	-	-	12.2	12.2	20.7	0.3	41.6	-	-	0.7	5.5	15.2	-	-	22.2	10.0	12.4
		30	-	-	-	12.2	12.2	20.7	0.3	41.6	-	-	0.7	5.5	15.2	-	-	22.2	10.0	12.4
050-110	4	20	-	-	-	10.4	10.4	19.5	0.2	38.5	-	-	0.7	5.0	13.0	-	-	21.0	10.0	12.4
		25	-	-	-	11.5	11.5	20.7	0.3	40.8	-	-	0.7	5.5	15.2	-	-	22.2	10.0	12.4
		30	-	-	-	11.5	11.5	20.7	0.3	40.8	-	-	0.7	5.5	15.2	-	-	22.2	10.0	12.4
		40	-	-	-	12.5	12.5	21.7	0.3	42.9	-	-	0.7	6.3	16.7	-	-	23.3	10.0	12.4
050-135	4	25	-	-	-	10.8	10.8	21.3	0.3	41.2	-	-	0.7	5.5	15.2	-	-	22.8	11.0	15.7
		30	-	-	-	10.8	10.8	21.3	0.3	41.2	-	-	0.7	5.5	15.2	-	-	22.8	11.0	15.7
		40	-	-	-	12.5	12.5	22.8	0.3	44.4	-	-	0.7	6.3	16.7	-	-	24.3	11.0	15.7
		50	-	-	-	12.5	12.5	22.8	0.3	44.4	-	-	0.7	6.3	16.7	-	-	24.3	11.0	15.7
		60	-	-	-	13.1	13.1	23.0	0.3	45.3	-	-	0.7	7.0	18.2	-	-	24.5	11.0	15.7
		75	-	-	-	13.1	13.1	23.0	0.3	45.3	-	-	0.7	7.0	18.2	-	-	24.5	11.0	15.7
060-095	4	15	-	-	-	10.6	10.6	20.0	0.2	40.6	-	-	0.7	5.0	13.0	-	-	21.5	11.0	15.7
		20	-	-	-	10.6	10.6	20.0	0.2	40.6	-	-	0.7	5.0	13.0	-	-	21.5	11.0	15.7
		25	-	-	-	11.7	11.7	21.3	0.3	42.8	-	-	0.7	5.5	15.2	-	-	22.8	11.0	15.7
		30	-	-	-	11.7	11.7	21.3	0.3	42.8	-	-	0.7	5.5	15.2	-	-	22.8	11.0	15.7
		40	-	-	-	12.1	12.1	22.8	0.3	44.8	-	-	0.7	6.3	16.7	-	-	24.3	11.0	15.7
060-110	4	30	-	-	-	10.8	10.8	21.3	0.3	42.0	-	-	0.7	5.5	15.2	-	-	22.8	11.0	15.7
		40	-	-	-	12.5	12.5	22.8	0.3	45.2	-	-	0.7	6.3	16.7	-	-	24.3	11.0	15.7
		50	-	-	-	12.5	12.5	22.8	0.3	45.2	-	-	0.7	6.3	16.7	-	-	24.3	11.0	15.7
		60	-	-	-	13.1	13.1	23.0	0.3	46.1	-	-	0.7	7.0	18.2	-	-	24.5	11.0	15.7

Dimensions in mm

Pump size	Pole	P2 [hp]	HG3	L8	H5	Q		L6	HG1	L11	L10	D1	D2	E	B4	B7	L7	L4	H7	N2
						Baldor	WEG													
012-070	2	3	5	80	44	169	150	311	5	658	19	18	18	95	265	290	197	349	178	190
		5	5	80	44	169	150	311	5	658	19	18	18	95	265	290	197	349	178	190
		7.5	5	80	44	191	172	385	5	754	19	18	18	108	291	290	197	423	177	190
		7.5	5	80	44	191	172	385	5	754	19	18	18	108	291	290	197	423	177	190
		10	5	80	44	191	172	385	5	754	19	18	18	108	291	290	197	423	177	190
		15	5	80	44	201	201	476	10	855	19	18	18	127	304	290	197	514	178	190
		15	5	80	44	201	201	476	10	855	19	18	18	127	304	290	197	514	178	190
	4	1.5	13	80	25	129	117	299	5	606	19	18	18	70	215	265	197	338	159	190
015-070	2	5	5	80	44	169	150	311	5	689	19	18	18	95	265	290	197	349	178	190
		7.5	5	80	44	191	172	385	5	754	19	18	18	108	291	290	197	423	177	190
		10	5	80	44	191	172	385	5	758	19	18	18	108	291	290	197	423	177	190
		15	``	80	44	201	201	476	10	855	19	18	18	127	304	290	197	514	178	190
		20	5	80	44	201	201	476	10	855	19	18	18	127	304	290	197	514	178	190
	4	1.5	13	80	25	129	117	299	5	606	19	18	18	70	215	265	197	338	159	190
		2	13	80	25	129	117	299	5	606	19	18	18	70	215	265	197	338	159	190
		3	5	80	44	169	150	311	5	658	19	18	18	95	265	290	197	349	178	190

Pump size	Pole	P2 [hp]	HG3	L8	H5	Q		L6	HG1	L11	L10	D1	D2	E	B4	B7	L7	L4	H7	N2
						Baldor	WEG													
		15	13	92	25	208	208	470	5	890	10	18	18	127	329	325	222	508	203	250
		20	13	92	25	208	208	470	5	890	10	18	18	127	329	325	222	508	203	250
	2	25	13	92	25	189	189	527	13	929	10	18	18	140	354	325	222	565	203	250
		30	13	92	25	189	189	527	13	929	10	18	18	140	354	325	222	565	203	250
015-090		40	5	95	51	209	209	559	13	984	13	18	18	159	392	350	229	597	228	250
		1.5	-	-	-	161	149	325	5	654	-	-	18	70	215	-	-	363	178	250
	4	2	-	-	-	161	149	325	5	654	-	-	18	70	215	-	-	363	178	250
		3	-	-	-	201	182	334	5	703	-	-	18	95	265	-	-	372	178	250
		5	-	-	-	201	182	334	5	712	-	-	18	95	265	-	-	372	178	250
		15	13	92	25	208	208	470	5	890	10	18	18	127	329	325	222	508	203	250
		20	13	92	25	208	208	470	5	890	10	18	18	127	329	325	222	508	203	250
	2	25	13	92	25	189	189	527	13	929	10	18	18	140	354	325	222	565	203	250
		30	13	92	25	189	189	527	13	929	10	18	18	140	354	325	222	565	203	250
		40	5	95	51	209	209	559	13	984	13	18	18	159	392	350	229	597	228	250
015-095		50	5	95	51	209	209	559	13	984	13	18	18	159	392	350	229	597	228	250
		2	-	-	-	161	149	325	5	654	-	-	18	70	215	-	-	363	178	250
		3	-	-	-	201	182	334	5	703	-	-	18	95	265	-	-	372	178	250
	4	5	-	-	-	201	182	334	5	712	-	-	18	95	265	-	-	372	178	250
		7.5	-	-	-	223	204	385	5	776	-	-	18	108	291	-	-	423	177	250
		15	13	92	25	233	233	470	5	915	10	18	18	127	329	325	222	508	203	250
		20	13	92	25	233	233	470	5	915	10	18	18	127	329	325	222	508	203	250
		25	13	92	25	243	243	527	13	982	10	18	18	140	354	325	222	565	203	250
	2	30	13	92	25	243	243	527	13	982	10	18	18	140	354	325	222	565	203	250
		40	5	95	51	252	252	559	13	1026	13	18	18	159	392	350	229	597	228	250
		50	5	95	51	252	252	559	13	1026	13	18	18	159	392	350	229	597	228	250
020-095		60	5	95	76	264	264	584	13	1084	13	18	18	178	431	350	229	622	254	250
		60	5	95	76	264	264	584	13	1084	13	18	18	178	431	350	229	622	254	250
		2	-	-	-	161	149	325	5	654	-	-	18	70	215	-	-	363	178	250
		3	-	-	-	201	182	334	5	703	-	-	18	95	265	-	-	372	178	250
	4	5	-	-	-	201	182	334	5	712	-	-	18	95	265	-	-	372	178	250
		7.5	-	-	-	223	204	385	5	776	-	-	18	108	291	-	-	423	177	250
		5	-	-	-	201	182	334	5	712	-	-	18	95	265	-	-	372	178	250
		7.5	-	-	-	223	204	385	5	776	-	-	18	108	291	-	-	423	177	250
020-110	4	10	-	-	-	223	204	385	5	781	-	-	18	108	291	-	-	423	177	250
		15	-	-	-	233	233	476	10	878	-	-	18	127	304	-	-	514	178	250
		7.5	-	-	-	263	244	385	5	842	-	-	18	108	291	-	-	423	228	280
		10	-	-	-	263	244	385	5	846	-	-	18	108	291	-	-	423	228	280
020-135	4	15	-	-	-	278	278	483	5	954	-	-	18	127	329	-	-	521	229	280
		20	-	-	-	278	278	483	5	954	-	-	18	127	329	-	-	521	229	280
		25	-	-	-	303	303	514	8	1011	-	-	18	140	385	-	-	552	229	280
		7.5	10	92	19	179	160	385	5	776	10	18	18	108	291	287	222	423	177	212
		10	10	92	19	179	160	385	5	781	10	18	18	108	291	287	222	423	177	212
	2	15	10	92	19	189	189	476	10	878	10	18	18	127	304	287	222	514	178	212
		20	10	92	19	189	189	476	10	878	10	18	18	127	304	287	222	514	178	212
		25	5	95	44	186	186	527	13	929	13	18	18	140	354	312	229	565	203	212
025-070		30	5	95	44	186	186	527	13	929	13	18	18	140	354	312	229	565	203	212
		1.5	-	-	-	161	149	299	5	628	-	-	18	70	215	-	-	338	159	212
	4	2	-	-	-	161	149	299	5	628	-	-	18	70	215	-	-	338	159	212
		3	10	92	19	156	137	334	5	703	10	18	18	95	265	287	222	372	178	212
		5	10	92	19	156	137	334	5	712	10	18	18	95	265	287	222	372	178	212

Pump size	Pole	P2 [hp]	HG3	L8	H5	Q		L6	HG1	L11	L10	D1	D2	E	B4	B7	L7	L4	H7	N2
						Baldor	WEG													
		25	-	-	-	277	277	527	13	982	-	-	18	140	354	-	-	565	203	280
		30	-	-	-	277	277	527	13	982	-	-	18	140	354	-	-	565	203	280
		40	13	114	25	233	233	559	13	1026	32	18	18	159	392	380	267	597	228	280
	2	50	13	114	25	233	233	559	13	1026	32	18	18	159	392	380	267	597	228	280
		60	5	114	51	245	245	584	13	1084	32	18	18	178	431	405	267	622	254	280
025-095		75	5	114	51	245	245	584	13	1084	32	18	18	178	431	405	267	622	254	280
		75	5	114	51	245	245	584	13	1084	32	18	18	178	431	405	267	622	254	280
		3	-	-	-	190	171	334	5	703	-	-	18	95	265	-	-	372	203	280
	4	5	-	-	-	190	171	334	5	712	-	-	18	95	265	-	-	372	203	280
		7.5	-	-	-	212	193	385	5	776	-	-	18	108	291	-	-	423	203	280
		10	-	-	-	212	193	385	5	781	-	-	18	108	291	-	-	423	203	280
		7.5	-	-	-	251	232	385	5	842	-	-	18	108	291	-	-	423	203	280
025-110	4	10	-	-	-	251	232	385	5	846	-	-	18	108	291	-	-	423	203	280
		15	-	-	-	265	265	470	5	941	-	-	18	127	329	-	-	508	203	280
		15	10	92	19	188	188	476	10	878	10	18	18	127	304	287	222	514	178	212
		20	10	92	19	188	188	476	10	878	10	18	18	127	304	287	222	514	178	212
	2	25	5	95	44	186	186	527	13	929	13	18	18	140	354	312	229	565	203	212
		30	5	95	44	186	186	527	13	929	13	18	18	140	354	312	229	565	203	212
030-070		40	5	95	70	209	209	559	13	984	13	18	18	159	392	312	229	597	228	212
		1.5	-	-	-	161	149	299	5	628	-	-	18	70	215	-	-	338	159	212
	4	2	-	-	-	161	149	299	5	628	-	-	18	70	215	-	-	338	159	212
		3	10	92	19	156	137	334	5	703	10	18	18	95	265	287	222	372	178	212
		5	10	92	19	156	137	334	5	712	10	18	18	95	265	287	222	372	178	212
		40	13	114	25	253	253	559	13	1072	6	18	18	159	392	415	267	597	228	315
	2	50	13	114	25	253	253	559	13	1072	6	18	18	159	392	415	267	597	228	315
		60	5	114	51	265	265	584	13	1129	6	18	18	178	431	440	267	622	254	315
030-095		75	5	114	51	265	265	584	13	1129	6	18	18	178	431	440	267	622	254	315
		5	-	-	-	208	189	334	5	757	-	-	18	95	265	-	-	372	203	315
	4	7.5	-	-	-	230	211	385	5	822	-	-	18	108	291	-	-	423	203	315
		10	-	-	-	230	211	385	5	826	-	-	18	108	291	-	-	423	203	315
		15	-	-	-	260	260	470	5	936	-	-	18	127	329	-	-	508	203	315
		10	-	-	-	251	232	385	5	846	-	-	18	108	291	-	-	423	203	315
030-110	4	15	-	-	-	265	265	470	5	941	-	-	18	127	329	-	-	508	203	315
		20	-	-	-	265	265	470	5	941	-	-	18	127	329	-	-	508	203	315
		15	-	-	-	265	265	495	5	966	-	-	18	127	329	-	-	533	254	315
		20	-	-	-	265	265	495	5	966	-	-	18	127	329	-	-	533	254	315
030-110	4	25	-	-	-	291	291	527	8	1024	-	-	18	140	385	-	-	565	254	315
		30	-	-	-	291	291	527	8	1024	-	-	18	140	385	-	-	565	254	315
		40	-	-	-	318	318	552	8	1076	-	-	18	159	423	-	-	591	254	315
		20	13	92	25	208	208	470	5	916	16	18	18	127	329	355	222	508	203	280
		25	13	92	25	189	189	527	13	955	16	18	18	140	354	355	222	565	203	280
	2	30	13	92	25	189	189	527	13	955	16	18	18	140	354	355	222	565	203	280
		40	5	95	51	209	209	559	13	1009	13	18	18	159	392	380	229	597	228	280
040-070		50	5	95	51	209	209	559	13	1009	13	18	18	159	392	380	229	597	228	280
		2	-	-	-	161	149	325	5	679	-	-	18	70	215	-	-	363	178	280
	4	3	-	-	-	201	182	334	5	728	-	-	18	95	265	-	-	372	178	280
		5	-	-	-	201	182	334	5	737	-	-	18	95	265	-	-	372	178	280
		7.5	-	-	-	223	204	385	5	802	-	-	18	108	291	-	-	423	177	280
	2	60	13	114	25	265	265	584	13	1142	6	18	18	178	431	415	267	622	254	315
		75	13	114	25	265	265	584	13	1142	6	18	18	178	431	415	267	622	254	315
		7.5	-	-	-	230	211	385	5	834	-	-	18	108	291	-	-	423	228	315
040-095	4	10	-	-	-	230	211	385	5	838	-	-	18	108	291	-	-	423	228	315
		15	-	-	-	260	260	483	5	961	-	-	18	127	329	-	-	521	229	315
		20	-	-	-	260	260	483	5	961	-	-	18	127	329	-	-	521	229	315

Pump size	Pole	P2 [hp]	HG3	L8	H5	Q		L6	HG1	L11	L10	D1	D2	E	B4	B7	L7	L4	H7	N2
						Baldor	WEG													
040-110	4	15	-	-	-	265	265	483	5	966	-	-	18	127	329	-	-	521	229	315
		20	-	-	-	265	265	483	5	966	-	-	18	127	329	-	-	521	229	315
		25	-	-	-	291	291	514	8	1024	-	-	18	140	385	-	-	552	229	315
		30	-	-	-	291	291	514	8	1024	-	-	18	140	385	-	-	552	229	315
040-135	4	20	-	-	-	267	267	495	5	979	-	-	18	127	329	-	-	533	254	315
		25	-	-	-	293	293	527	8	1037	-	-	18	140	385	-	-	565	254	315
		30	-	-	-	293	293	527	8	1037	-	-	18	140	385	-	-	565	254	315
		40	-	-	-	320	320	552	8	1089	-	-	18	159	423	-	-	591	254	315
		50	-	-	-	320	320	552	8	1089	-	-	18	159	423	-	-	591	254	315
050-070	2	25	-	-	-	221	221	527	13	955	-	-	18	140	354	-	-	565	203	280
		30	-	-	-	221	221	527	13	955	-	-	18	140	354	-	-	565	203	280
		40	13	114	25	190	190	559	13	1009	6	18	18	159	392	380	267	597	228	280
		50	13	114	25	190	190	559	13	1009	6	18	18	159	392	380	267	597	228	280
		60	5	114	51	203	203	584	13	1067	6	18	18	178	431	405	267	622	254	280
		75	5	114	51	203	203	584	13	1067	6	18	18	178	431	405	267	622	254	280
	4	3	-	-	-	188	169	334	5	728	-	-	18	95	265	-	-	372	203	280
		5	-	-	-	188	169	334	5	737	-	-	18	95	265	-	-	372	203	280
		7.5	-	-	-	210	191	385	5	802	-	-	18	108	291	-	-	423	203	280
		10	-	-	-	210	191	385	5	802	-	-	18	108	291	-	-	423	203	280
050-095	4	10	-	-	-	256	237	406	5	881	-	-	18	108	291	-	-	445	254	315
		15	-	-	-	285	285	495	5	999	-	-	18	127	329	-	-	533	254	315
		20	-	-	-	285	285	495	5	999	-	-	18	127	329	-	-	533	254	315
		25	-	-	-	311	311	527	8	1057	-	-	18	140	385	-	-	565	254	315
		30	-	-	-	311	311	527	8	1057	-	-	18	140	385	-	-	565	254	315
050-110	4	20	-	-	-	265	265	495	5	979	-	-	18	127	329	-	-	533	254	315
		25	-	-	-	291	291	527	8	1037	-	-	18	140	385	-	-	565	254	315
		30	-	-	-	291	291	527	8	1037	-	-	18	140	385	-	-	565	254	315
		40	-	-	-	318	318	552	8	1089	-	-	18	159	423	-	-	591	254	315
050-135	4	25	-	-	-	274	274	540	8	1047	-	-	18	140	385	-	-	578	280	400
		30	-	-	-	274	274	540	8	1047	-	-	18	140	385	-	-	578	280	400
		40	-	-	-	317	317	578	8	1129	-	-	18	159	423	-	-	616	279	400
		50	-	-	-	317	317	578	8	1129	-	-	18	159	423	-	-	616	279	400
		60	-	-	-	333	333	584	8	1151	-	-	18	178	462	-	-	622	280	400
		75	-	-	-	333	333	584	8	1151	-	-	18	178	462	-	-	622	280	400
060-095	4	15	-	-	-	270	270	508	5	1030	-	-	18	127	329	-	-	546	280	400
		20	-	-	-	270	270	508	5	1030	-	-	18	127	329	-	-	546	280	400
		25	-	-	-	296	296	540	8	1088	-	-	18	140	385	-	-	578	280	400
		30	-	-	-	296	296	540	8	1088	-	-	18	140	385	-	-	578	280	400
		40	-	-	-	308	308	578	8	1139	-	-	18	159	423	-	-	616	279	400
060-110	4	30	-	-	-	274	274	540	8	1067	-	-	18	140	385	-	-	578	280	400
		40	-	-	-	317	317	578	8	1148	-	-	18	159	423	-	-	616	279	400
		50	-	-	-	317	317	578	8	1148	-	-	18	159	423	-	-	616	279	400
		60	-	-	-	333	333	584	8	1170	-	-	18	178	462	-	-	622	280	400

Dimensions for NBE pumps with TEFC motor (WEG and Baldor, 200 V), mounting design F

For more dimensions, see Section *16.17 Flange and bare pump dimensions* and Dimensions for NBE pumps with WEG motor and CUE, mounting design A.

Dimensions in inch.

Pump size	Pole	P2 [hp]	A2	B1	B2	B3	H3	H4	L1	L2	L3	L4	L5
012-070	2	3	6.3	11.3	15.6	13.6	7.9	22.0	35.2	6.3	17.9	11.0	-
		5	6.3	11.3	15.6	13.6	7.9	24.3	35.2	6.3	17.9	11.0	-
		7.5	6.3	11.3	15.6	13.6	8.0	21.7	34.6	6.3	17.0	11.3	-
		10	6.3	11.3	15.6	13.6	8.0	21.7	34.6	6.3	17.0	11.3	-
		15	6.9	13.0	17.4	15.4	9.0	26.7	38.0	6.9	20.4	10.8	-
		20	6.9	13.0	17.4	15.4	9.0	26.7	38.0	6.9	20.4	10.8	-
	4	1.5	5.7	11.1	13.8	12.7	7.9	21.7	32.1	5.7	17.6	8.7	-
		2	5.7	11.1	13.8	12.7	7.9	21.7	32.1	5.7	17.6	8.7	-
015-070	2	5	6.3	11.3	15.6	13.6	7.9	24.3	35.2	6.3	17.9	11.0	-
		7.5	6.3	11.3	15.6	13.6	8.0	21.7	34.6	6.3	17.0	11.3	-
		10	6.3	11.3	15.6	13.6	8.0	21.7	34.6	6.3	17.0	11.3	-
		15	6.9	13.0	17.4	15.4	9.0	26.7	38.0	6.9	20.4	10.8	-
		20	6.9	13.0	17.4	15.4	9.0	26.7	38.0	6.9	20.4	10.8	-
	4	1.5	5.7	11.1	13.8	12.7	7.9	21.7	32.1	5.7	17.6	8.7	-
		2	5.7	11.1	13.8	12.7	7.9	21.7	32.1	5.7	17.6	8.7	-
		3	5.7	11.1	13.8	12.7	7.9	22.0	32.1	5.7	17.6	8.7	-
		5	5.7	11.1	13.8	12.7	7.9	24.3	32.1	5.7	17.6	8.7	-
015-090	2	15	6.5	14.8	19.1	17.2	9.7	27.4	41.6	6.5	22.4	12.8	-
		20	6.5	14.8	19.1	17.2	9.7	27.4	41.6	6.5	22.4	12.8	-
		25	7.3	14.8	18.1	16.8	10.2	30.5	40.2	7.3	20.2	12.7	-
		30	7.3	14.8	18.1	16.8	10.2	30.5	40.2	7.3	20.2	12.7	-
		40	8.1	16.5	22.8	20.1	11.8	33.7	44.4	8.1	22.3	14.1	-
		50	8.1	16.5	22.8	20.1	11.8	33.7	44.4	8.1	22.3	14.1	-
	4	1.5	5.9	14.6	17.3	16.2	9.7	23.5	27.1	5.9	15.1	6.1	-
		2	5.9	14.6	17.3	16.2	9.7	23.5	27.1	5.9	15.1	6.1	-
		3	5.9	14.6	17.3	16.2	9.7	23.7	33.1	5.9	17.9	9.4	-
		5	5.9	14.6	17.3	16.2	9.7	26.0	33.1	5.9	17.9	9.4	-
015-095	2	15	6.5	14.8	19.1	17.2	9.7	27.4	41.6	6.5	22.4	12.8	-
		20	6.5	14.8	19.1	17.2	9.7	27.4	41.6	6.5	22.4	12.8	-
		25	7.3	14.8	18.1	16.8	10.2	30.5	40.2	7.3	20.2	12.7	-
		30	7.3	14.8	18.1	16.8	10.2	30.5	40.2	7.3	20.2	12.7	-
		40	8.1	16.5	22.8	20.1	11.8	33.7	44.4	8.1	22.3	14.1	-
		50	8.1	16.5	22.8	20.1	11.8	33.7	44.4	8.1	22.3	14.1	-
	4	2	5.9	14.6	17.3	16.2	9.7	23.5	27.1	5.9	15.1	6.1	-
		3	5.9	14.6	17.3	16.2	9.7	23.7	33.1	5.9	17.9	9.4	-
		5	5.9	14.6	17.3	16.2	9.7	26.0	33.1	5.9	17.9	9.4	-
		7.5	5.9	14.6	17.3	16.2	9.7	23.3	32.6	5.9	17.0	9.7	-
		10	5.9	14.6	17.3	16.2	9.7	23.3	32.6	5.9	17.0	9.7	-

Pump size	Pole	P2 [hp]	A2	B1	B2	B3	H3	H4	L1	L2	L3	L4	L5
020-095	2	15	6.5	14.8	19.1	17.2	9.7	27.4	42.0	6.5	23.4	12.2	-
		20	6.5	14.8	19.1	17.2	9.7	27.4	42.0	6.5	23.4	12.2	-
		25	7.3	14.8	18.1	16.8	10.2	30.5	40.6	7.3	21.4	11.9	-
		30	7.3	14.8	18.1	16.8	10.2	30.5	40.6	7.3	21.4	11.9	-
		40	8.1	16.5	22.8	20.1	11.8	33.7	44.1	8.1	23.3	12.7	-
		50	8.1	16.5	22.8	20.1	11.8	33.7	44.1	8.1	23.3	12.7	-
		60	11.6	22.1	33.5	26.1	15.6	38.7	52.2	11.6	33.3	7.3	15.6
	4	2	5.9	14.6	17.3	16.2	9.7	23.5	27.1	5.9	15.1	6.1	-
		3	5.9	14.6	17.3	16.2	9.7	23.7	33.1	5.9	17.9	9.4	-
		5	5.9	14.6	17.3	16.2	9.7	26.0	33.1	5.9	17.9	9.4	-
		7.5	5.9	14.6	17.3	16.2	9.7	23.3	32.6	5.9	17.0	9.7	-
		10	5.9	14.6	17.3	16.2	9.7	23.3	32.6	5.9	17.0	9.7	-
020-110	4	5	5.9	14.6	17.3	16.2	9.7	26.0	33.1	5.9	17.9	9.4	-
		7.5	5.9	14.6	17.3	16.2	9.7	23.3	32.6	5.9	17.0	9.7	-
		10	5.9	14.6	17.3	16.2	9.7	23.3	32.6	5.9	17.0	9.7	-
		15	5.9	14.6	17.3	16.2	9.7	27.4	38.8	5.9	21.6	11.4	-
		20	5.9	14.6	17.3	16.2	9.7	27.4	38.8	5.9	21.6	11.4	-
020-135	4	7.5	6.5	15.6	18.9	17.6	12.0	25.6	34.6	6.5	18.3	9.7	-
		10	6.5	15.6	18.9	17.6	12.0	25.6	34.6	6.5	18.3	9.7	-
		15	6.5	15.6	18.9	17.6	12.0	29.7	40.8	6.5	22.6	11.7	-
		20	6.5	15.6	18.9	17.6	12.0	29.7	40.8	6.5	22.6	11.7	-
		25	6.5	15.6	18.9	17.6	12.0	32.2	41.0	6.5	22.5	12.1	-
		30	6.5	15.6	18.9	17.6	12.0	32.2	41.0	6.5	22.5	12.1	-
025-070	2	7.5	7.7	13.2	18.7	16.3	9.6	23.3	32.3	7.7	15.2	9.5	-
		10	7.7	13.2	18.7	16.3	9.6	23.3	32.3	7.7	15.2	9.5	-
		15	7.7	13.2	18.7	16.3	9.7	27.4	39.6	7.7	20.4	11.6	-
		20	7.7	13.2	18.7	16.3	9.7	27.4	39.6	7.7	20.4	11.6	-
		25	7.5	15.0	20.5	18.0	10.4	30.7	40.6	7.5	20.2	12.9	-
		30	7.5	15.0	20.5	18.0	10.4	30.7	40.6	7.5	20.2	12.9	-
	4	1.5	7.1	13.0	16.8	15.2	9.6	23.4	29.3	7.1	15.1	7.1	-
		2	7.1	13.0	16.8	15.2	9.6	23.4	29.3	7.1	15.1	7.1	-
		3	7.1	13.0	16.8	15.2	9.6	23.7	35.2	7.1	17.9	10.2	-
		5	7.1	13.0	16.8	15.2	9.6	25.9	35.2	7.1	17.9	10.2	-
025-095	2	25	8.9	18.3	27.2	21.9	12.5	32.8	43.0	8.9	21.4	12.8	-
		30	8.9	18.3	27.2	21.9	12.5	32.8	43.0	8.9	21.4	12.8	-
		40	8.1	18.1	24.4	21.7	11.8	33.7	44.0	8.1	23.3	12.6	-
		50	8.1	18.1	24.4	21.7	11.8	33.7	44.0	8.1	23.3	12.6	-
		60	11.6	22.1	33.5	26.1	15.6	38.7	52.2	11.6	33.3	7.3	15.6
	4	3	6.9	18.0	21.3	19.9	11.0	25.0	35.1	6.9	18.3	10.0	-
		5	6.9	18.0	21.3	19.9	11.0	27.3	35.1	6.9	18.3	10.0	-
		7.5	6.9	18.0	21.3	19.9	11.0	24.6	34.8	6.9	17.4	10.5	-
		10	6.9	18.0	21.3	19.9	11.0	24.6	34.8	6.9	17.4	10.5	-
025-110	4	7.5	8.1	16.5	22.0	19.1	12.1	25.8	37.3	8.1	18.3	10.9	-
		10	8.1	16.5	22.0	19.1	12.1	25.8	37.3	8.1	18.3	10.9	-
		15	8.1	16.5	22.0	19.1	12.1	29.9	43.8	8.1	22.5	13.3	-
		20	8.1	16.5	22.0	19.1	12.1	29.9	43.8	8.1	22.5	13.3	-

Pump size	Pole	P2 [hp]	A2	B1	B2	B3	H3	H4	L1	L2	L3	L4	L5
030-070	2	15	7.7	13.2	18.7	16.3	9.7	27.4	39.6	7.7	20.4	11.6	-
		20	7.7	13.2	18.7	16.3	9.7	27.4	39.6	7.7	20.4	11.6	-
		25	7.5	15.0	20.5	18.0	10.4	30.7	40.6	7.5	20.2	12.9	-
		30	7.5	15.0	20.5	18.0	10.4	30.7	40.6	7.5	20.2	12.9	-
		40	8.9	16.7	23.6	20.2	12.2	34.2	46.1	8.9	22.3	15.0	-
		50	8.9	16.7	23.6	20.2	12.2	34.2	46.1	8.9	22.3	15.0	-
	4	1.5	7.1	13.0	16.8	15.2	9.6	23.4	29.3	7.1	15.1	7.1	-
		2	7.1	13.0	16.8	15.2	9.6	23.4	29.3	7.1	15.1	7.1	-
		3	7.1	13.0	16.8	15.2	9.6	23.7	35.2	7.1	17.9	10.2	-
		5	7.1	13.0	16.8	15.2	9.6	25.9	35.2	7.1	17.9	10.2	-
030-095	2	40	8.1	18.1	24.4	21.7	11.8	33.7	44.8	8.1	24.1	12.7	-
		50	8.1	18.1	24.4	21.7	11.8	33.7	44.8	8.1	24.1	12.7	-
		60	11.6	22.1	33.5	26.1	15.6	38.7	52.2	11.6	33.3	7.3	15.6
	4	5	6.9	18.0	21.3	19.9	11.0	27.3	34.4	6.9	19.1	8.4	-
		7.5	6.9	18.0	21.3	19.9	11.0	24.6	34.6	6.9	17.8	9.9	-
		10	6.9	18.0	21.3	19.9	11.0	24.6	34.6	6.9	17.8	9.9	-
		15	7.5	18.0	21.7	20.2	11.7	29.5	42.0	7.5	22.3	12.1	-
		20	7.5	18.0	21.7	20.2	11.7	29.5	42.0	7.5	22.3	12.1	-
030-110	4	10	6.9	18.0	21.3	19.9	11.0	24.6	35.0	6.9	18.3	9.7	-
		15	7.5	18.0	21.7	20.2	11.7	29.5	42.2	7.5	22.6	12.1	-
		20	7.5	18.0	21.7	20.2	11.7	29.5	42.2	7.5	22.6	12.1	-
030-135	4	15	7.3	18.0	22.3	20.3	12.7	30.4	44.4	7.3	23.6	13.5	-
		20	7.3	18.0	22.3	20.3	12.7	30.4	44.4	7.3	23.6	13.5	-
		25	7.3	18.0	22.3	20.3	12.7	33.0	44.4	7.3	23.6	13.5	-
		30	7.3	18.0	22.3	20.3	12.7	33.0	44.4	7.3	23.6	13.5	-
		40	7.3	18.0	22.3	20.3	12.7	34.6	44.4	7.3	23.6	13.5	-
		50	7.3	18.0	22.3	20.3	12.7	34.6	44.4	7.3	23.6	13.5	-
040-070	2	20	7.5	15.6	18.9	17.6	10.2	27.9	43.2	7.5	22.4	13.3	-
		25	7.1	15.6	19.4	17.8	10.8	31.1	39.6	7.1	20.2	12.3	-
		30	7.1	15.6	19.4	17.8	10.8	31.1	39.6	7.1	20.2	12.3	-
		40	8.9	16.7	23.6	20.2	12.2	34.1	46.1	8.9	22.3	15.0	-
		50	8.9	16.7	23.6	20.2	12.2	34.1	46.1	8.9	22.3	15.0	-
	4	2	6.3	15.4	18.1	17.0	9.7	23.5	33.2	6.3	17.6	9.3	-
		3	6.3	15.4	18.1	17.0	9.7	23.7	33.2	6.3	17.6	9.3	-
		5	6.3	15.4	18.1	17.0	9.7	26.0	33.2	6.3	17.6	9.3	-
		7.5	6.3	15.4	18.1	17.0	9.7	23.3	32.7	6.3	16.6	9.7	-
		10	6.3	15.4	18.1	17.0	9.7	23.3	32.7	6.3	16.6	9.7	-
040-095	4	7.5	6.9	18.0	21.3	19.9	12.0	25.6	34.6	6.9	17.8	9.9	-
		10	6.9	18.0	21.3	19.9	12.0	25.6	34.6	6.9	17.8	9.9	-
		15	6.9	18.0	21.3	19.9	12.0	29.7	40.8	6.9	22.3	11.6	-
		20	6.9	18.0	21.3	19.9	12.0	29.7	40.8	6.9	22.3	11.6	-
040-110	4	15	6.9	18.0	21.3	19.9	12.0	29.7	41.2	6.9	22.6	11.7	-
		20	6.9	18.0	21.3	19.9	12.0	29.7	41.2	6.9	22.6	11.7	-
		25	8.1	18.1	23.6	20.6	13.1	33.4	43.8	8.1	22.5	13.3	-
		30	8.1	18.1	23.6	20.6	13.1	33.4	43.8	8.1	22.5	13.3	-
040-135	4	20	7.3	18.0	22.3	20.3	12.7	30.4	44.4	7.3	23.6	13.5	-
		25	7.3	18.0	22.3	20.3	12.7	33.0	44.4	7.3	23.6	13.5	-
		30	7.3	18.0	22.3	20.3	12.7	33.0	44.4	7.3	23.6	13.5	-
		40	7.3	18.0	22.3	20.3	12.7	34.6	44.4	7.3	23.6	13.5	-
		50	7.3	18.0	22.3	20.3	12.7	34.6	44.4	7.3	23.6	13.5	-

Pump size	Pole	P2 [hp]	A2	B1	B2	B3	H3	H4	L1	L2	L3	L4	L5
050-070	2	30	8.1	16.5	22.0	19.1	12.1	32.4	44.0	8.1	21.6	14.3	-
		40	8.9	16.7	23.6	20.2	12.2	34.1	46.1	8.9	22.3	15.0	-
		50	8.9	16.7	23.6	20.2	12.2	34.1	46.1	8.9	22.3	15.0	-
		60	11.6	22.1	33.5	26.1	15.6	38.7	50.7	11.6	32.1	7.1	13.9
	4	3	8.1	16.5	22.0	19.1	12.1	26.2	36.5	8.1	18.6	9.9	-
		5	8.1	16.5	22.0	19.1	12.1	28.5	36.5	8.1	18.6	9.9	-
		7.5	8.1	16.5	22.0	19.1	12.1	25.8	37.3	8.1	17.3	12.0	-
		10	8.1	16.5	22.0	19.1	12.1	25.8	37.3	8.1	17.3	12.0	-
050-095	4	10	6.7	17.8	20.5	19.4	12.7	26.3	36.1	6.7	19.3	10.1	-
		15	6.7	17.8	20.5	19.4	12.7	30.4	42.4	6.7	23.6	12.1	-
		20	6.7	17.8	20.5	19.4	12.7	30.4	42.4	6.7	23.6	12.1	-
		25	6.7	17.8	20.5	19.4	12.7	33.0	42.4	6.7	23.6	12.1	-
		30	6.7	17.8	20.5	19.4	12.7	33.0	42.4	6.7	23.6	12.1	-
050-110	4	20	7.3	18.0	22.3	20.3	12.7	30.4	44.4	7.3	23.6	13.5	-
		25	7.3	18.0	22.3	20.3	12.7	33.0	44.4	7.3	23.6	13.5	-
		30	7.3	18.0	22.3	20.3	12.7	33.0	44.4	7.3	23.6	13.5	-
		40	7.3	18.0	22.3	20.3	12.7	34.6	44.4	7.3	23.6	13.5	-
		50	7.3	18.0	22.3	20.3	12.7	34.6	44.4	7.3	23.6	13.5	-
050-135	4	25	10.8	22.0	31.9	25.7	16.1	36.4	51.9	10.8	24.7	16.3	-
		30	10.8	22.0	31.9	25.7	16.1	36.4	51.9	10.8	24.7	16.3	-
		40	10.8	22.0	31.9	25.7	16.1	38.0	51.9	10.8	25.1	16.0	-
		50	10.8	22.0	31.9	25.7	16.1	38.0	51.9	10.8	25.1	16.0	-
		60	10.8	22.0	31.9	25.7	17.1	40.2	52.9	10.8	35.7	6.3	16.8
060-095	4	20	10.8	22.0	31.9	25.7	16.1	33.9	46.9	10.8	22.1	13.9	-
		25	11.8	22.0	31.9	25.7	16.1	36.4	52.4	11.8	24.2	16.4	-
		30	11.8	22.0	31.9	25.7	16.1	36.4	52.4	11.8	24.2	16.4	-
		40	11.8	22.0	31.9	25.7	16.1	38.0	52.4	11.8	24.2	16.4	-
		50	11.8	22.0	31.9	25.7	16.1	38.0	52.4	11.8	24.2	16.4	-
060-110	4	30	10.8	22.0	31.9	25.7	16.1	36.4	51.9	10.8	24.7	16.3	-
		40	10.8	22.0	31.9	25.7	16.1	38.0	51.9	10.8	25.1	16.0	-
		50	10.8	22.0	31.9	25.7	16.1	38.0	51.9	10.8	25.1	16.0	-
		60	10.8	22.0	31.9	25.7	16.1	39.2	53.9	10.8	35.7	7.3	16.8

Dimensions in mm

Pump size	Pole	P2 [hp]	A2	B1	B2	B3	H3	H4	L1	L2	L3	L4	L5
012-070	2	3	160	286	396	346	201	558	894	160	454	280	-
		5	160	286	396	346	201	616	894	160	454	280	-
		7.5	160	286	396	346	203	550	880	160	432	288	-
		10	160	286	396	346	203	550	880	160	432	288	-
		15	175	331	441	391	228	679	966	175	517	274	-
		20	175	331	441	391	228	679	966	175	517	274	-
	4	1.5	145	282	350	322	201	551	815	145	448	222	-
		2	145	282	350	322	201	551	815	145	448	222	-
015-070	2	5	160	286	396	346	201	616	894	160	454	280	-
		7.5	160	286	396	346	203	550	880	160	432	288	-
		10	160	286	396	346	203	550	880	160	432	288	-
		15	175	331	441	391	228	679	966	175	517	274	-
		20	175	331	441	391	228	679	966	175	517	274	-
	4	1.5	145	282	350	322	201	551	815	145	448	222	-
		2	145	282	350	322	201	551	815	145	448	222	-
		3	145	282	350	322	201	558	815	145	448	222	-
		5	145	282	350	322	201	616	815	145	448	222	-

Pump size	Pole	P2 [hp]	A2	B1	B2	B3	H3	H4	L1	L2	L3	L4	L5
015-090	2	15	165	376	486	436	246	697	1057	165	568	324	-
		20	165	376	486	436	246	697	1057	165	568	324	-
		25	185	376	460	426	260	775	1020	185	512	323	-
		30	185	376	460	426	260	775	1020	185	512	323	-
		40	205	420	580	510	300	857	1129	205	566	358	-
		50	205	420	580	510	300	857	1129	205	566	358	-
	4	1.5	150	372	440	412	246	596	689	150	384	155	-
		2	150	372	440	412	246	596	689	150	384	155	-
		3	150	372	440	412	246	603	842	150	454	238	-
		5	150	372	440	412	246	661	842	150	454	238	-
015-095	2	15	165	376	486	436	246	697	1057	165	568	324	-
		20	165	376	486	436	246	697	1057	165	568	324	-
		25	185	376	460	426	260	775	1020	185	512	323	-
		30	185	376	460	426	260	775	1020	185	512	323	-
		40	205	420	580	510	300	857	1129	205	566	358	-
		50	205	420	580	510	300	857	1129	205	566	358	-
	4	2	150	372	440	412	246	596	689	150	384	155	-
		3	150	372	440	412	246	603	842	150	454	238	-
		5	150	372	440	412	246	661	842	150	454	238	-
		7.5	150	372	440	412	246	593	828	150	432	246	-
		10	150	372	440	412	246	593	828	150	432	246	-
020-095	2	15	165	376	486	436	246	697	1068	165	594	309	-
		20	165	376	486	436	246	697	1068	165	594	309	-
		25	185	376	460	426	260	775	1031	185	544	302	-
		30	185	376	460	426	260	775	1031	185	544	302	-
		40	205	420	580	510	300	857	1119	205	592	322	-
		50	205	420	580	510	300	857	1119	205	592	322	-
		60	295	562	850	664	396	983	1326	295	845	186	397
	4	2	150	372	440	412	246	596	689	150	384	155	-
		3	150	372	440	412	246	603	842	150	454	238	-
		5	150	372	440	412	246	661	842	150	454	238	-
		7.5	150	372	440	412	246	593	828	150	432	246	-
		10	150	372	440	412	246	593	828	150	432	246	-
020-110	4	5	150	372	440	412	246	661	842	150	454	238	-
		7.5	150	372	440	412	246	593	828	150	432	246	-
		10	150	372	440	412	246	593	828	150	432	246	-
		15	150	372	440	412	246	697	986	150	548	289	-
		20	150	372	440	412	246	697	986	150	548	289	-
020-135	4	7.5	165	396	480	446	304	651	878	165	465	248	-
		10	165	396	480	446	304	651	878	165	465	248	-
		15	165	396	480	446	304	755	1036	165	574	298	-
		20	165	396	480	446	304	755	1036	165	574	298	-
		25	165	396	480	446	304	819	1042	165	570	307	-
		30	165	396	480	446	304	819	1042	165	570	307	-
025-070	2	7.5	195	335	475	413	244	591	821	195	386	240	-
		10	195	335	475	413	244	591	821	195	386	240	-
		15	195	335	475	413	246	697	1006	195	517	294	-
		20	195	335	475	413	246	697	1006	195	517	294	-
		25	190	380	520	458	265	780	1031	190	512	329	-
		30	190	380	520	458	265	780	1031	190	512	329	-
	4	1.5	180	331	427	387	244	594	743	180	384	179	-
		2	180	331	427	387	244	594	743	180	384	179	-
		3	180	331	427	387	244	601	894	180	454	260	-
		5	180	331	427	387	244	659	894	180	454	260	-

Pump size	Pole	P2 [hp]	A2	B1	B2	B3	H3	H4	L1	L2	L3	L4	L5
025-095	2	25	225	464	690	556	318	833	1093	225	544	324	-
		30	225	464	690	556	318	833	1093	225	544	324	-
		40	205	460	620	550	300	857	1118	205	592	321	-
		50	205	460	620	550	300	857	1118	205	592	321	-
		60	295	562	850	664	395	982	1326	295	845	186	397
	4	3	175	456	540	506	278	635	892	175	464	253	-
		5	175	456	540	506	278	693	892	175	464	253	-
		7.5	175	456	540	506	278	625	883	175	442	266	-
		10	175	456	540	506	278	625	883	175	442	266	-
025-110	4	7.5	205	420	560	484	308	655	948	205	465	278	-
		10	205	420	560	484	308	655	948	205	465	278	-
		15	205	420	560	484	308	759	1112	205	570	337	-
		20	205	420	560	484	308	759	1112	205	570	337	-
030-070	2	15	195	335	475	413	246	697	1006	195	517	294	-
		20	195	335	475	413	246	697	1006	195	517	294	-
		25	190	380	520	458	265	780	1031	190	512	329	-
		30	190	380	520	458	265	780	1031	190	512	329	-
		40	225	424	600	514	311	868	1171	225	566	380	-
		50	225	424	600	514	311	868	1171	225	566	380	-
	4	1.5	180	331	427	387	244	594	743	180	384	179	-
		2	180	331	427	387	244	594	743	180	384	179	-
		3	180	331	427	387	244	601	894	180	454	260	-
		5	180	331	427	387	244	659	894	180	454	260	-
030-095	2	40	205	460	620	550	300	857	1139	205	612	322	-
		50	205	460	620	550	300	857	1139	205	612	322	-
		60	295	562	850	664	395	982	1326	295	845	186	397
	4	5	175	456	540	506	278	693	873	175	486	212	-
		7.5	175	456	540	506	278	625	879	175	452	252	-
		10	175	456	540	506	278	625	879	175	452	252	-
		15	190	456	552	512	298	749	1066	190	568	309	-
		20	190	456	552	512	298	749	1066	190	568	309	-
030-110	4	10	175	456	540	506	278	625	888	175	465	248	-
		15	190	456	552	512	298	749	1071	190	574	308	-
		20	190	456	552	512	298	749	1071	190	574	308	-
030-135	4	15	185	456	566	516	322	773	1129	185	601	343	-
		20	185	456	566	516	322	773	1129	185	601	343	-
		25	185	456	566	516	322	837	1129	185	601	343	-
		30	185	456	566	516	322	837	1129	185	601	343	-
		40	185	456	566	516	322	879	1129	185	601	343	-
		50	185	456	566	516	322	879	1129	185	601	343	-
040-070	2	20	190	396	480	446	259	710	1097	190	568	339	-
		25	180	396	492	452	275	790	1005	180	512	313	-
		30	180	396	492	452	275	790	1005	180	512	313	-
		40	225	424	600	514	310	867	1171	225	566	380	-
		50	225	424	600	514	310	867	1171	225	566	380	-
	4	2	160	392	460	432	246	596	843	160	448	235	-
		3	160	392	460	432	246	603	843	160	448	235	-
		5	160	392	460	432	246	661	843	160	448	235	-
		7.5	160	392	460	432	246	593	830	160	422	248	-
		10	160	392	460	432	246	593	830	160	422	248	-
040-095	4	7.5	175	456	540	506	304	651	879	175	452	252	-
		10	175	456	540	506	304	651	879	175	452	252	-
		15	175	456	540	506	304	755	1036	175	568	294	-
		20	175	456	540	506	304	755	1036	175	568	294	-

Pump size	Pole	P2 [hp]	A2	B1	B2	B3	H3	H4	L1	L2	L3	L4	L5
040-110	4	15	175	456	540	506	304	755	1046	175	574	298	-
		20	175	456	540	506	304	755	1046	175	574	298	-
		25	205	460	600	524	334	849	1112	205	570	337	-
		30	205	460	600	524	334	849	1112	205	570	337	-
040-135	4	20	185	456	566	516	322	773	1129	185	601	343	-
		25	185	456	566	516	322	837	1129	185	601	343	-
		30	185	456	566	516	322	837	1129	185	601	343	-
		40	185	456	566	516	322	879	1129	185	601	343	-
		50	185	456	566	516	322	879	1129	185	601	343	-
050-070	2	30	205	420	560	484	308	823	1117	205	548	364	-
		40	225	424	600	514	310	867	1171	225	566	380	-
		50	225	424	600	514	310	867	1171	225	566	380	-
		60	295	562	850	664	395	982	1289	295	814	180	354
	4	3	205	420	560	484	308	665	928	205	472	251	-
		5	205	420	560	484	308	723	928	205	472	251	-
		7.5	205	420	560	484	308	655	947	205	438	304	-
		10	205	420	560	484	308	655	947	205	438	304	-
050-095	4	10	170	452	520	492	322	669	918	170	490	258	-
		15	170	452	520	492	322	773	1076	170	600	306	-
		20	170	452	520	492	322	773	1076	170	600	306	-
		25	170	452	520	492	322	837	1076	170	600	306	-
		30	170	452	520	492	322	837	1076	170	600	306	-
050-110	4	20	185	456	566	516	322	773	1129	185	601	343	-
		25	185	456	566	516	322	837	1129	185	601	343	-
		30	185	456	566	516	322	837	1129	185	601	343	-
		40	185	456	566	516	322	879	1129	185	601	343	-
		50	185	456	566	516	322	879	1129	185	601	343	-
050-135	4	25	275	558	810	654	409	924	1318	275	629	415	-
		30	275	558	810	654	409	924	1318	275	629	415	-
		40	275	558	810	654	409	966	1319	275	637	407	-
		50	275	558	810	654	409	966	1319	275	637	407	-
		60	275	558	810	654	434	1021	1343	275	908	160	426
060-095	4	20	275	558	810	654	409	860	1190	275	561	354	-
		25	300	558	810	654	409	924	1330	300	614	416	-
		30	300	558	810	654	409	924	1330	300	614	416	-
		40	300	558	810	654	409	966	1330	300	614	416	-
		50	300	558	810	654	409	966	1330	300	614	416	-
060-110	4	30	275	558	810	654	409	924	1318	275	629	415	-
		40	275	558	810	654	409	966	1319	275	637	407	-
		50	275	558	810	654	409	966	1319	275	637	407	-
		60	275	558	810	654	409	996	1368	275	908	185	426

Dimensions for NBE pumps with TEFC motor (WEG and Baldor, 460 V), mounting design F

For more dimensions, see Section *16.17 Flange and bare pump dimensions* and Dimensions for NBE pumps with WEG motor and CUE, mounting design A.

Dimensions in inch.

Pump size	Pole	P2 [hp]	A2	B1	B2	B3	H3	H4	L1	L2	L3	L4	L5
015-090	2	40	8.1	16.5	22.8	20.1	11.8	30.8	44.4	8.1	22.3	14.1	-
		50	8.1	16.5	22.8	20.1	11.8	32.7	44.4	8.1	22.3	14.1	-
015-095	2	40	8.1	16.5	22.8	20.1	11.8	30.8	44.4	8.1	22.3	14.1	-
		50	8.1	16.5	22.8	20.1	11.8	32.7	44.4	8.1	22.3	14.1	-
020-095	2	40	8.1	16.5	22.8	20.1	11.8	30.8	44.1	8.1	23.3	12.7	-
		50	8.1	16.5	22.8	20.1	11.8	32.7	44.1	8.1	23.3	12.7	-
		60	11.6	22.1	33.5	26.1	15.6	37.7	52.2	11.6	33.3	7.3	15.6
		75	11.6	22.1	33.5	26.1	15.6	37.7	52.2	11.6	33.3	7.3	15.6
025-095	2	40	8.1	18.1	24.4	21.7	11.8	30.8	44.0	8.1	23.3	12.6	-
		50	8.1	18.1	24.4	21.7	11.8	32.8	44.0	8.1	23.3	12.6	-
		60	11.6	22.1	33.5	26.1	15.6	37.7	52.2	11.6	33.3	7.3	15.6
		75	11.6	22.1	33.5	26.1	15.6	37.7	52.2	11.6	33.3	7.3	15.6
030-070	2	40	8.9	16.7	23.6	20.2	12.2	31.2	46.1	8.9	22.3	15.0	-
		50	8.9	16.7	23.6	20.2	12.2	33.2	46.1	8.9	22.3	15.0	-
030-095	2	40	8.1	18.1	24.4	21.7	11.8	30.8	44.8	8.1	24.1	12.7	-
		50	8.1	18.1	24.4	21.7	11.8	32.8	44.8	8.1	24.1	12.7	-
		60	11.6	22.1	33.5	26.1	15.6	37.7	52.2	11.6	33.3	7.3	15.6
		75	11.6	22.1	33.5	26.1	15.6	37.7	52.2	11.6	33.3	7.3	15.6
030-135	4	40	7.3	18.0	22.3	20.3	12.7	33.6	44.4	7.3	23.6	13.5	-
		50	7.3	18.0	22.3	20.3	12.7	33.6	44.4	7.3	23.6	13.5	-
040-070	2	40	8.9	16.7	23.6	20.2	12.2	31.2	46.1	8.9	22.3	15.0	-
		50	8.9	16.7	23.6	20.2	12.2	33.1	46.1	8.9	22.3	15.0	-
040-095	2	75	11.6	22.1	33.5	26.1	15.6	37.7	52.2	11.6	33.3	7.3	15.6
040-135	4	40	7.3	18.0	22.3	20.3	12.7	33.6	44.4	7.3	23.6	13.5	-
		50	7.3	18.0	22.3	20.3	12.7	33.6	44.4	7.3	23.6	13.5	-
050-070	2	40	8.9	16.7	23.6	20.2	12.2	31.2	46.1	8.9	22.3	15.0	-
		50	8.9	16.7	23.6	20.2	12.2	33.2	46.1	8.9	22.3	15.0	-
		60	11.6	22.1	33.5	26.1	15.6	37.7	50.7	11.6	32.1	7.1	13.9
		75	11.6	22.1	33.5	26.1	15.6	37.7	50.7	11.6	32.1	7.1	13.9
050-110	4	40	7.3	18.0	22.3	20.3	12.7	33.6	44.4	7.3	23.6	13.5	-
		50	7.3	18.0	22.3	20.3	12.7	33.6	44.4	7.3	23.6	13.5	-
050-135	4	40	10.8	22.0	31.9	25.7	16.1	37.1	51.9	10.8	25.1	16.0	-
		50	10.8	22.0	31.9	25.7	16.1	37.1	51.9	10.8	25.1	16.0	-
		60	10.8	22.0	31.9	25.7	17.1	39.2	52.9	10.8	35.7	6.3	16.8
		75	10.8	22.0	31.9	25.7	17.1	40.2	52.9	10.8	35.7	6.3	16.8
060-095	4	40	11.8	22.0	31.9	25.7	16.1	37.1	52.4	11.8	24.2	16.4	-
		50	11.8	22.0	31.9	25.7	16.1	37.1	52.4	11.8	24.2	16.4	-
060-110	4	40	10.8	22.0	31.9	25.7	16.1	37.1	51.9	10.8	25.1	16.0	-
		50	10.8	22.0	31.9	25.7	16.1	37.1	51.9	10.8	25.1	16.0	-
		60	10.8	22.0	31.9	25.7	16.1	38.2	53.9	10.8	35.7	7.3	16.8
		75	10.8	22.0	31.9	25.7	16.1	39.2	53.9	10.8	35.7	7.3	16.8

Dimensions in mm

Pump size	Pole	P2 [hp]	A2	B1	B2	B3	H3	H4	L1	L2	L3	L4	L5
015-090	2	40	205	420	580	510	300	782	1129	205	566	358	-
		50	205	420	580	510	300	832	1129	205	566	358	-
015-095	2	40	205	420	580	510	300	782	1129	205	566	358	-
		50	205	420	580	510	300	832	1129	205	566	358	-
020-095	2	40	205	420	580	510	300	782	1119	205	592	322	-
		50	205	420	580	510	300	832	1119	205	592	322	-
		60	295	562	850	664	396	958	1326	295	845	186	397
		75	295	562	850	664	396	958	1326	295	845	186	397
025-095	2	40	205	460	620	550	300	782	1118	205	592	321	-
		50	205	460	620	550	300	832	1118	205	592	321	-
		60	295	562	850	664	395	957	1326	295	845	186	397
		75	295	562	850	664	395	957	1326	295	845	186	397
030-070	2	40	225	424	600	514	311	793	1171	225	566	380	-
		50	225	424	600	514	311	843	1171	225	566	380	-
030-095	2	40	205	460	620	550	300	782	1139	205	612	322	-
		50	205	460	620	550	300	832	1139	205	612	322	-
		60	295	562	850	664	395	957	1326	295	845	186	397
		75	295	562	850	664	395	957	1326	295	845	186	397
030-135	4	40	185	456	566	516	322	854	1129	185	601	343	-
		50	185	456	566	516	322	854	1129	185	601	343	-
040-070	2	40	225	424	600	514	310	792	1171	225	566	380	-
		50	225	424	600	514	310	842	1171	225	566	380	-
040-095	2	75	295	562	850	664	396	958	1326	295	845	186	397
040-135	4	40	185	456	566	516	322	854	1129	185	601	343	-
		50	185	456	566	516	322	854	1129	185	601	343	-
050-070	2	40	225	424	600	514	310	792	1171	225	566	380	-
		50	225	424	600	514	310	842	1171	225	566	380	-
		60	295	562	850	664	395	957	1289	295	814	180	354
		75	295	562	850	664	395	957	1289	295	814	180	354
050-110	4	40	185	456	566	516	322	854	1129	185	601	343	-
		50	185	456	566	516	322	854	1129	185	601	343	-
050-135	4	40	275	558	810	654	409	941	1319	275	637	407	-
		50	275	558	810	654	409	941	1319	275	637	407	-
		60	275	558	810	654	434	996	1343	275	908	160	426
		75	275	558	810	654	434	1021	1343	275	908	160	426
060-095	4	40	300	558	810	654	409	941	1330	300	614	416	-
		50	300	558	810	654	409	941	1330	300	614	416	-
060-110	4	40	275	558	810	654	409	941	1319	275	637	407	-
		50	275	558	810	654	409	941	1319	275	637	407	-
		60	275	558	810	654	409	971	1368	275	908	185	426
		75	275	558	810	654	409	996	1368	275	908	185	426

Dimensions for NBE pumps with TEFC motor (WEG and Baldor, 575 V), mounting design F

For more dimensions, see Section *16.17 Flange and bare pump dimensions* and Dimensions for NBE pumps with WEG motor and CUE, mounting design A.

Dimensions in inch.

Pump size	Pole	P2 [hp]	A2	B1	B2	B3	H3	H4	L1	L2	L3	L4	L5
012-070	2	3	6.3	11.3	15.6	13.6	7.9	22.0	35.2	6.3	17.9	11.0	-
		5	6.3	11.3	15.6	13.6	7.9	22.0	35.2	6.3	17.9	11.0	-
		7.5	6.3	11.3	15.6	13.6	8.0	21.7	34.6	6.3	17.0	11.3	-
		10	6.3	11.3	15.6	13.6	8.0	21.7	34.6	6.3	17.0	11.3	-
		15	6.9	13.0	17.4	15.4	9.0	26.7	38.0	6.9	20.4	10.8	-
		20	6.9	13.0	17.4	15.4	9.0	26.7	38.0	6.9	20.4	10.8	-
	4	1.5	5.7	11.1	13.8	12.7	7.9	21.7	32.1	5.7	17.6	8.7	-
		2	5.7	11.1	13.8	12.7	7.9	21.7	32.1	5.7	17.6	8.7	-
015-070	2	5	6.3	11.3	15.6	13.6	7.9	22.0	35.2	6.3	17.9	11.0	-
		7.5	6.3	11.3	15.6	13.6	8.0	21.7	34.6	6.3	17.0	11.3	-
		10	6.3	11.3	15.6	13.6	8.0	21.7	34.6	6.3	17.0	11.3	-
		15	6.9	13.0	17.4	15.4	9.0	26.7	38.0	6.9	20.4	10.8	-
		20	6.9	13.0	17.4	15.4	9.0	26.7	38.0	6.9	20.4	10.8	-
	4	1.5	5.7	11.1	13.8	12.7	7.9	21.7	32.1	5.7	17.6	8.7	-
		2	5.7	11.1	13.8	12.7	7.9	21.7	32.1	5.7	17.6	8.7	-
		3	5.7	11.1	13.8	12.7	7.9	22.0	32.1	5.7	17.6	8.7	-
		5	5.7	11.1	13.8	12.7	7.9	22.0	32.1	5.7	17.6	8.7	-
015-090	2	15	6.5	14.8	19.1	17.2	9.7	27.4	41.6	6.5	22.4	12.8	-
		20	6.5	14.8	19.1	17.2	9.7	27.4	41.6	6.5	22.4	12.8	-
		25	7.3	14.8	18.1	16.8	10.2	28.5	40.2	7.3	20.2	12.7	-
		30	7.3	14.8	18.1	16.8	10.2	28.5	40.2	7.3	20.2	12.7	-
		40	8.1	16.5	22.8	20.1	11.8	33.7	44.4	8.1	22.3	14.1	-
		50	8.1	16.5	22.8	20.1	11.8	33.7	44.4	8.1	22.3	14.1	-
	4	1.5	5.9	14.6	17.3	16.2	9.7	23.5	27.1	5.9	15.1	6.1	-
		2	5.9	14.6	17.3	16.2	9.7	23.5	27.1	5.9	15.1	6.1	-
		3	5.9	14.6	17.3	16.2	9.7	23.7	33.1	5.9	17.9	9.4	-
		5	5.9	14.6	17.3	16.2	9.7	23.7	33.1	5.9	17.9	9.4	-
015-095	2	15	6.5	14.8	19.1	17.2	9.7	27.4	41.6	6.5	22.4	12.8	-
		20	6.5	14.8	19.1	17.2	9.7	27.4	41.6	6.5	22.4	12.8	-
		25	7.3	14.8	18.1	16.8	10.2	28.5	40.2	7.3	20.2	12.7	-
		30	7.3	14.8	18.1	16.8	10.2	28.5	40.2	7.3	20.2	12.7	-
		40	8.1	16.5	22.8	20.1	11.8	33.7	44.4	8.1	22.3	14.1	-
		50	8.1	16.5	22.8	20.1	11.8	33.7	44.4	8.1	22.3	14.1	-
	4	2	5.9	14.6	17.3	16.2	9.7	23.5	27.1	5.9	15.1	6.1	-
		3	5.9	14.6	17.3	16.2	9.7	23.7	33.1	5.9	17.9	9.4	-
		5	5.9	14.6	17.3	16.2	9.7	23.7	33.1	5.9	17.9	9.4	-
		7.5	5.9	14.6	17.3	16.2	9.7	23.3	32.6	5.9	17.0	9.7	-
		10	5.9	14.6	17.3	16.2	9.7	23.3	32.6	5.9	17.0	9.7	-

Pump size	Pole	P2 [hp]	A2	B1	B2	B3	H3	H4	L1	L2	L3	L4	L5
020-095	2	15	6.5	14.8	19.1	17.2	9.7	27.4	42.0	6.5	23.4	12.2	-
		20	6.5	14.8	19.1	17.2	9.7	27.4	42.0	6.5	23.4	12.2	-
		25	7.3	14.8	18.1	16.8	10.2	28.5	40.6	7.3	21.4	11.9	-
		30	7.3	14.8	18.1	16.8	10.2	28.5	40.6	7.3	21.4	11.9	-
		40	8.1	16.5	22.8	20.1	11.8	33.7	44.1	8.1	23.3	12.7	-
		50	8.1	16.5	22.8	20.1	11.8	33.7	44.1	8.1	23.3	12.7	-
		60	11.6	22.1	33.5	26.1	15.6	38.7	52.2	11.6	33.3	7.3	15.6
		75	11.6	22.1	33.5	26.1	15.6	38.7	52.2	11.6	33.3	7.3	15.6
	4	2	5.9	14.6	17.3	16.2	9.7	23.5	27.1	5.9	15.1	6.1	-
		3	5.9	14.6	17.3	16.2	9.7	23.7	33.1	5.9	17.9	9.4	-
		5	5.9	14.6	17.3	16.2	9.7	23.7	33.1	5.9	17.9	9.4	-
		7.5	5.9	14.6	17.3	16.2	9.7	23.3	32.6	5.9	17.0	9.7	-
		10	5.9	14.6	17.3	16.2	9.7	23.3	32.6	5.9	17.0	9.7	-
020-110	4	5	5.9	14.6	17.3	16.2	9.7	23.7	33.1	5.9	17.9	9.4	-
		7.5	5.9	14.6	17.3	16.2	9.7	23.3	32.6	5.9	17.0	9.7	-
		10	5.9	14.6	17.3	16.2	9.7	23.3	32.6	5.9	17.0	9.7	-
		15	5.9	14.6	17.3	16.2	9.7	27.4	38.8	5.9	21.6	11.4	-
		20	5.9	14.6	17.3	16.2	9.7	27.4	38.8	5.9	21.6	11.4	-
020-135	4	7.5	6.5	15.6	18.9	17.6	12.0	25.6	34.6	6.5	18.3	9.7	-
		10	6.5	15.6	18.9	17.6	12.0	25.6	34.6	6.5	18.3	9.7	-
		15	6.5	15.6	18.9	17.6	12.0	29.7	40.8	6.5	22.6	11.7	-
		20	6.5	15.6	18.9	17.6	12.0	29.7	40.8	6.5	22.6	11.7	-
		25	6.5	15.6	18.9	17.6	12.0	30.3	41.0	6.5	22.5	12.1	-
		30	6.5	15.6	18.9	17.6	12.0	30.3	41.0	6.5	22.5	12.1	-
025-070	2	7.5	7.7	13.2	18.7	16.3	9.6	23.3	32.3	7.7	15.2	9.5	-
		10	7.7	13.2	18.7	16.3	9.6	23.3	32.3	7.7	15.2	9.5	-
		15	7.7	13.2	18.7	16.3	9.7	27.4	39.6	7.7	20.4	11.6	-
		20	7.7	13.2	18.7	16.3	9.7	27.4	39.6	7.7	20.4	11.6	-
		25	7.5	15.0	20.5	18.0	10.4	28.7	40.6	7.5	20.2	12.9	-
		30	7.5	15.0	20.5	18.0	10.4	28.7	40.6	7.5	20.2	12.9	-
	4	1.5	7.1	13.0	16.8	15.2	9.6	23.4	29.3	7.1	15.1	7.1	-
		2	7.1	13.0	16.8	15.2	9.6	23.4	29.3	7.1	15.1	7.1	-
		3	7.1	13.0	16.8	15.2	9.6	23.7	35.2	7.1	17.9	10.2	-
		5	7.1	13.0	16.8	15.2	9.6	23.7	35.2	7.1	17.9	10.2	-
025-095	2	25	8.9	18.3	27.2	21.9	12.5	30.8	43.0	8.9	21.4	12.8	-
		30	8.9	18.3	27.2	21.9	12.5	30.8	43.0	8.9	21.4	12.8	-
		40	8.1	18.1	24.4	21.7	11.8	33.7	44.0	8.1	23.3	12.6	-
		50	8.1	18.1	24.4	21.7	11.8	33.7	44.0	8.1	23.3	12.6	-
		60	11.6	22.1	33.5	26.1	15.6	38.7	52.2	11.6	33.3	7.3	15.6
		75	11.6	22.1	33.5	26.1	15.6	38.7	52.2	11.6	33.3	7.3	15.6
	4	3	6.9	18.0	21.3	19.9	11.0	25.0	35.1	6.9	18.3	10.0	-
		5	6.9	18.0	21.3	19.9	11.0	25.0	35.1	6.9	18.3	10.0	-
		7.5	6.9	18.0	21.3	19.9	11.0	24.6	34.8	6.9	17.4	10.5	-
		10	6.9	18.0	21.3	19.9	11.0	24.6	34.8	6.9	17.4	10.5	-
025-110	4	7.5	8.1	16.5	22.0	19.1	12.1	25.8	37.3	8.1	18.3	10.9	-
		10	8.1	16.5	22.0	19.1	12.1	25.8	37.3	8.1	18.3	10.9	-
		15	8.1	16.5	22.0	19.1	12.1	29.9	43.8	8.1	22.5	13.3	-
		20	8.1	16.5	22.0	19.1	12.1	29.9	43.8	8.1	22.5	13.3	-

Pump size	Pole	P2 [hp]	A2	B1	B2	B3	H3	H4	L1	L2	L3	L4	L5
030-070	2	15	7.7	13.2	18.7	16.3	9.7	27.4	39.6	7.7	20.4	11.6	-
		20	7.7	13.2	18.7	16.3	9.7	27.4	39.6	7.7	20.4	11.6	-
		25	7.5	15.0	20.5	18.0	10.4	28.7	40.6	7.5	20.2	12.9	-
		30	7.5	15.0	20.5	18.0	10.4	28.7	40.6	7.5	20.2	12.9	-
		40	8.9	16.7	23.6	20.2	12.2	34.2	46.1	8.9	22.3	15.0	-
		50	8.9	16.7	23.6	20.2	12.2	34.2	46.1	8.9	22.3	15.0	-
	4	1.5	7.1	13.0	16.8	15.2	9.6	23.4	29.3	7.1	15.1	7.1	-
		2	7.1	13.0	16.8	15.2	9.6	23.4	29.3	7.1	15.1	7.1	-
		3	7.1	13.0	16.8	15.2	9.6	23.7	35.2	7.1	17.9	10.2	-
		5	7.1	13.0	16.8	15.2	9.6	23.7	35.2	7.1	17.9	10.2	-
030-095	2	40	8.1	18.1	24.4	21.7	11.8	33.7	44.8	8.1	24.1	12.7	-
		50	8.1	18.1	24.4	21.7	11.8	33.7	44.8	8.1	24.1	12.7	-
		60	11.6	22.1	33.5	26.1	15.6	38.7	52.2	11.6	33.3	7.3	15.6
		75	11.6	22.1	33.5	26.1	15.6	38.7	52.2	11.6	33.3	7.3	15.6
	4	5	6.9	18.0	21.3	19.9	11.0	25.0	34.4	6.9	19.1	8.4	-
		7.5	6.9	18.0	21.3	19.9	11.0	24.6	34.6	6.9	17.8	9.9	-
		10	6.9	18.0	21.3	19.9	11.0	24.6	34.6	6.9	17.8	9.9	-
		15	7.5	18.0	21.7	20.2	11.7	29.5	42.0	7.5	22.3	12.1	-
		20	7.5	18.0	21.7	20.2	11.7	29.5	42.0	7.5	22.3	12.1	-
030-110	4	10	6.9	18.0	21.3	19.9	11.0	24.6	35.0	6.9	18.3	9.7	-
		15	7.5	18.0	21.7	20.2	11.7	29.5	42.2	7.5	22.6	12.1	-
		20	7.5	18.0	21.7	20.2	11.7	29.5	42.2	7.5	22.6	12.1	-
030-135	4	15	7.3	18.0	22.3	20.3	12.7	30.4	44.4	7.3	23.6	13.5	-
		20	7.3	18.0	22.3	20.3	12.7	30.4	44.4	7.3	23.6	13.5	-
		25	7.3	18.0	22.3	20.3	12.7	31.0	44.4	7.3	23.6	13.5	-
		30	7.3	18.0	22.3	20.3	12.7	31.0	44.4	7.3	23.6	13.5	-
		40	7.3	18.0	22.3	20.3	12.7	34.6	44.4	7.3	23.6	13.5	-
		50	7.3	18.0	22.3	20.3	12.7	34.6	44.4	7.3	23.6	13.5	-
040-070	2	20	7.5	15.6	18.9	17.6	10.2	27.9	43.2	7.5	22.4	13.3	-
		25	7.1	15.6	19.4	17.8	10.8	29.1	39.6	7.1	20.2	12.3	-
		30	7.1	15.6	19.4	17.8	10.8	29.1	39.6	7.1	20.2	12.3	-
		40	8.9	16.7	23.6	20.2	12.2	34.1	46.1	8.9	22.3	15.0	-
		50	8.9	16.7	23.6	20.2	12.2	34.1	46.1	8.9	22.3	15.0	-
	4	2	6.3	15.4	18.1	17.0	9.7	23.5	33.2	6.3	17.6	9.3	-
		3	6.3	15.4	18.1	17.0	9.7	23.7	33.2	6.3	17.6	9.3	-
		5	6.3	15.4	18.1	17.0	9.7	23.7	33.2	6.3	17.6	9.3	-
		7.5	6.3	15.4	18.1	17.0	9.7	23.3	32.7	6.3	16.6	9.7	-
		10	6.3	15.4	18.1	17.0	9.7	23.3	32.7	6.3	16.6	9.7	-
040-095	2	75	11.6	22.1	33.5	26.1	15.6	38.7	52.2	11.6	33.3	7.3	15.6
	4	7.5	6.9	18.0	21.3	19.9	12.0	25.6	34.6	6.9	17.8	9.9	-
		10	6.9	18.0	21.3	19.9	12.0	25.6	34.6	6.9	17.8	9.9	-
		15	6.9	18.0	21.3	19.9	12.0	29.7	40.8	6.9	22.3	11.6	-
		20	6.9	18.0	21.3	19.9	12.0	29.7	40.8	6.9	22.3	11.6	-
040-110	4	15	6.9	18.0	21.3	19.9	12.0	29.7	41.2	6.9	22.6	11.7	-
		20	6.9	18.0	21.3	19.9	12.0	29.7	41.2	6.9	22.6	11.7	-
		25	8.1	18.1	23.6	20.6	13.1	31.4	43.8	8.1	22.5	13.3	-
		30	8.1	18.1	23.6	20.6	13.1	31.4	43.8	8.1	22.5	13.3	-
040-135	4	20	7.3	18.0	22.3	20.3	12.7	30.4	44.4	7.3	23.6	13.5	-
		25	7.3	18.0	22.3	20.3	12.7	31.0	44.4	7.3	23.6	13.5	-
		30	7.3	18.0	22.3	20.3	12.7	31.0	44.4	7.3	23.6	13.5	-
		40	7.3	18.0	22.3	20.3	12.7	34.6	44.4	7.3	23.6	13.5	-
		50	7.3	18.0	22.3	20.3	12.7	34.6	44.4	7.3	23.6	13.5	-

Pump size	Pole	P2 [hp]	A2	B1	B2	B3	H3	H4	L1	L2	L3	L4	L5
050-070	2	30	8.1	16.5	22.0	19.1	12.1	30.4	44.0	8.1	21.6	14.3	-
		40	8.9	16.7	23.6	20.2	12.2	34.1	46.1	8.9	22.3	15.0	-
		50	8.9	16.7	23.6	20.2	12.2	34.1	46.1	8.9	22.3	15.0	-
		60	11.6	22.1	33.5	26.1	15.6	38.7	50.7	11.6	32.1	7.1	13.9
		75	11.6	22.1	33.5	26.1	15.6	38.7	50.7	11.6	32.1	7.1	13.9
	4	3	8.1	16.5	22.0	19.1	12.1	26.2	36.5	8.1	18.6	9.9	-
		5	8.1	16.5	22.0	19.1	12.1	26.2	36.5	8.1	18.6	9.9	-
		7.5	8.1	16.5	22.0	19.1	12.1	25.8	37.3	8.1	17.3	12.0	-
		10	8.1	16.5	22.0	19.1	12.1	25.8	37.3	8.1	17.3	12.0	-
050-095	4	10	6.7	17.8	20.5	19.4	12.7	26.3	36.1	6.7	19.3	10.1	-
		15	6.7	17.8	20.5	19.4	12.7	30.4	42.4	6.7	23.6	12.1	-
		20	6.7	17.8	20.5	19.4	12.7	30.4	42.4	6.7	23.6	12.1	-
		25	6.7	17.8	20.5	19.4	12.7	31.0	42.4	6.7	23.6	12.1	-
		30	6.7	17.8	20.5	19.4	12.7	31.0	42.4	6.7	23.6	12.1	-
050-110	4	20	7.3	18.0	22.3	20.3	12.7	30.4	44.4	7.3	23.6	13.5	-
		25	7.3	18.0	22.3	20.3	12.7	31.0	44.4	7.3	23.6	13.5	-
		30	7.3	18.0	22.3	20.3	12.7	31.0	44.4	7.3	23.6	13.5	-
		40	7.3	18.0	22.3	20.3	12.7	34.6	44.4	7.3	23.6	13.5	-
		50	7.3	18.0	22.3	20.3	12.7	34.6	44.4	7.3	23.6	13.5	-
050-135	4	25	10.8	22.0	31.9	25.7	16.1	34.4	51.9	10.8	24.7	16.3	-
		30	10.8	22.0	31.9	25.7	16.1	34.4	51.9	10.8	24.7	16.3	-
		40	10.8	22.0	31.9	25.7	16.1	38.0	51.9	10.8	25.1	16.0	-
		50	10.8	22.0	31.9	25.7	16.1	38.0	51.9	10.8	25.1	16.0	-
		60	10.8	22.0	31.9	25.7	17.1	40.2	52.9	10.8	35.7	6.3	16.8
		75	10.8	22.0	31.9	25.7	17.1	40.2	52.9	10.8	35.7	6.3	16.8
060-095	4	20	10.8	22.0	31.9	25.7	16.1	33.9	46.9	10.8	22.1	13.9	-
		25	11.8	22.0	31.9	25.7	16.1	34.4	52.4	11.8	24.2	16.4	-
		30	11.8	22.0	31.9	25.7	16.1	34.4	52.4	11.8	24.2	16.4	-
		40	11.8	22.0	31.9	25.7	16.1	38.0	52.4	11.8	24.2	16.4	-
		50	11.8	22.0	31.9	25.7	16.1	38.0	52.4	11.8	24.2	16.4	-
060-110	4	30	10.8	22.0	31.9	25.7	16.1	34.4	51.9	10.8	24.7	16.3	-
		40	10.8	22.0	31.9	25.7	16.1	38.0	51.9	10.8	25.1	16.0	-
		50	10.8	22.0	31.9	25.7	16.1	38.0	51.9	10.8	25.1	16.0	-
		60	10.8	22.0	31.9	25.7	16.1	39.2	53.9	10.8	35.7	7.3	16.8
		75	10.8	22.0	31.9	25.7	16.1	39.2	53.9	10.8	35.7	7.3	16.8

Dimensions in mm

Pump size	Pole	P2 [hp]	A2	B1	B2	B3	H3	H4	L1	L2	L3	L4	L5
012-070	2	3	160	286	396	346	201	558	894	160	454	280	-
		5	160	286	396	346	201	558	894	160	454	280	-
		7.5	160	286	396	346	203	550	880	160	432	288	-
		10	160	286	396	346	203	550	880	160	432	288	-
		15	175	331	441	391	228	679	966	175	517	274	-
		20	175	331	441	391	228	679	966	175	517	274	-
	4	1.5	145	282	350	322	201	551	815	145	448	222	-
		2	145	282	350	322	201	551	815	145	448	222	-

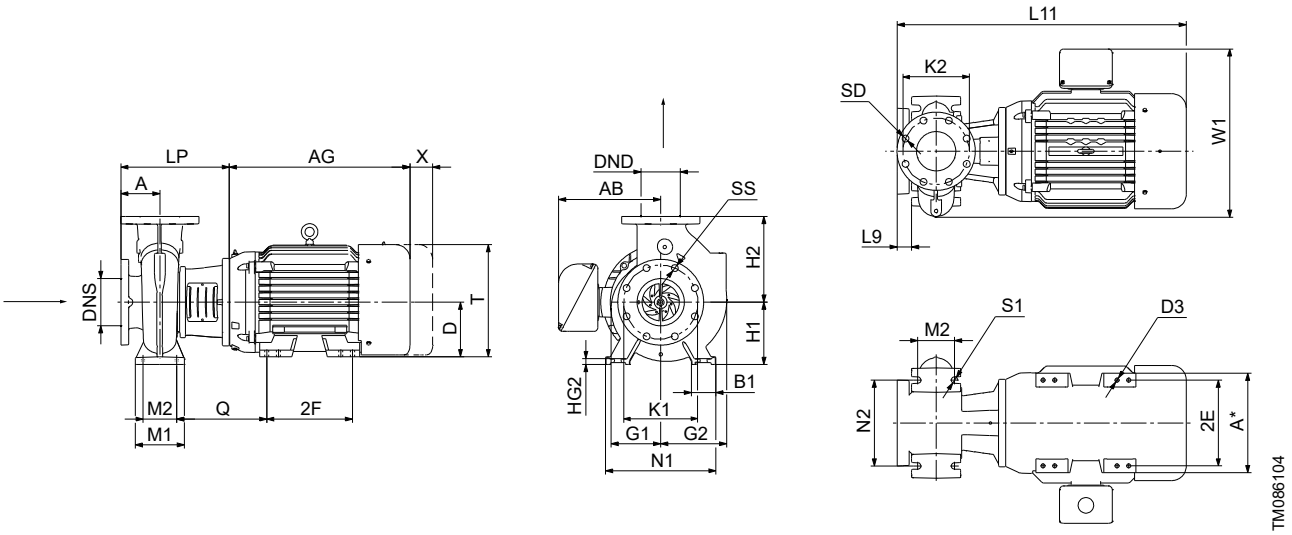
Pump size	Pole	P2 [hp]	A2	B1	B2	B3	H3	H4	L1	L2	L3	L4	L5
015-070	2	5	160	286	396	346	201	558	894	160	454	280	-
		7.5	160	286	396	346	203	550	880	160	432	288	-
		10	160	286	396	346	203	550	880	160	432	288	-
		15	175	331	441	391	228	679	966	175	517	274	-
		20	175	331	441	391	228	679	966	175	517	274	-
	4	1.5	145	282	350	322	201	551	815	145	448	222	-
		2	145	282	350	322	201	551	815	145	448	222	-
		3	145	282	350	322	201	558	815	145	448	222	-
		5	145	282	350	322	201	558	815	145	448	222	-
015-090	2	15	165	376	486	436	246	697	1057	165	568	324	-
		20	165	376	486	436	246	697	1057	165	568	324	-
		25	185	376	460	426	260	725	1020	185	512	323	-
		30	185	376	460	426	260	725	1020	185	512	323	-
		40	205	420	580	510	300	857	1129	205	566	358	-
		50	205	420	580	510	300	857	1129	205	566	358	-
	4	1.5	150	372	440	412	246	596	689	150	384	155	-
		2	150	372	440	412	246	596	689	150	384	155	-
		3	150	372	440	412	246	603	842	150	454	238	-
		5	150	372	440	412	246	603	842	150	454	238	-
015-095	2	15	165	376	486	436	246	697	1057	165	568	324	-
		20	165	376	486	436	246	697	1057	165	568	324	-
		25	185	376	460	426	260	725	1020	185	512	323	-
		30	185	376	460	426	260	725	1020	185	512	323	-
		40	205	420	580	510	300	857	1129	205	566	358	-
		50	205	420	580	510	300	857	1129	205	566	358	-
	4	2	150	372	440	412	246	596	689	150	384	155	-
		3	150	372	440	412	246	603	842	150	454	238	-
		5	150	372	440	412	246	603	842	150	454	238	-
		7.5	150	372	440	412	246	593	828	150	432	246	-
		10	150	372	440	412	246	593	828	150	432	246	-
020-095	2	15	165	376	486	436	246	697	1068	165	594	309	-
		20	165	376	486	436	246	697	1068	165	594	309	-
		25	185	376	460	426	260	725	1031	185	544	302	-
		30	185	376	460	426	260	725	1031	185	544	302	-
		40	205	420	580	510	300	857	1119	205	592	322	-
		50	205	420	580	510	300	857	1119	205	592	322	-
		60	295	562	850	664	396	983	1326	295	845	186	397
		75	295	562	850	664	396	983	1326	295	845	186	397
	4	2	150	372	440	412	246	596	689	150	384	155	-
		3	150	372	440	412	246	603	842	150	454	238	-
		5	150	372	440	412	246	603	842	150	454	238	-
		7.5	150	372	440	412	246	593	828	150	432	246	-
		10	150	372	440	412	246	593	828	150	432	246	-
020-110	4	5	150	372	440	412	246	603	842	150	454	238	-
		7.5	150	372	440	412	246	593	828	150	432	246	-
		10	150	372	440	412	246	593	828	150	432	246	-
		15	150	372	440	412	246	697	986	150	548	289	-
		20	150	372	440	412	246	697	986	150	548	289	-
020-135	4	7.5	165	396	480	446	304	651	878	165	465	248	-
		10	165	396	480	446	304	651	878	165	465	248	-
		15	165	396	480	446	304	755	1036	165	574	298	-
		20	165	396	480	446	304	755	1036	165	574	298	-
		25	165	396	480	446	304	769	1042	165	570	307	-
		30	165	396	480	446	304	769	1042	165	570	307	-

Pump size	Pole	P2 [hp]	A2	B1	B2	B3	H3	H4	L1	L2	L3	L4	L5
025-070	2	7.5	195	335	475	413	244	591	821	195	386	240	-
		10	195	335	475	413	244	591	821	195	386	240	-
		15	195	335	475	413	246	697	1006	195	517	294	-
		20	195	335	475	413	246	697	1006	195	517	294	-
		25	190	380	520	458	265	730	1031	190	512	329	-
		30	190	380	520	458	265	730	1031	190	512	329	-
	4	1.5	180	331	427	387	244	594	743	180	384	179	-
		2	180	331	427	387	244	594	743	180	384	179	-
		3	180	331	427	387	244	601	894	180	454	260	-
		5	180	331	427	387	244	601	894	180	454	260	-
025-095	2	25	225	464	690	556	318	783	1093	225	544	324	-
		30	225	464	690	556	318	783	1093	225	544	324	-
		40	205	460	620	550	300	857	1118	205	592	321	-
		50	205	460	620	550	300	857	1118	205	592	321	-
		60	295	562	850	664	395	982	1326	295	845	186	397
		75	295	562	850	664	395	982	1326	295	845	186	397
	4	3	175	456	540	506	278	635	892	175	464	253	-
		5	175	456	540	506	278	635	892	175	464	253	-
		7.5	175	456	540	506	278	625	883	175	442	266	-
		10	175	456	540	506	278	625	883	175	442	266	-
025-110	4	7.5	205	420	560	484	308	655	948	205	465	278	-
		10	205	420	560	484	308	655	948	205	465	278	-
		15	205	420	560	484	308	759	1112	205	570	337	-
		20	205	420	560	484	308	759	1112	205	570	337	-
030-070	2	15	195	335	475	413	246	697	1006	195	517	294	-
		20	195	335	475	413	246	697	1006	195	517	294	-
		25	190	380	520	458	265	730	1031	190	512	329	-
		30	190	380	520	458	265	730	1031	190	512	329	-
		40	225	424	600	514	311	868	1171	225	566	380	-
		50	225	424	600	514	311	868	1171	225	566	380	-
	4	1.5	180	331	427	387	244	594	743	180	384	179	-
		2	180	331	427	387	244	594	743	180	384	179	-
		3	180	331	427	387	244	601	894	180	454	260	-
		5	180	331	427	387	244	601	894	180	454	260	-
030-095	2	40	205	460	620	550	300	857	1139	205	612	322	-
		50	205	460	620	550	300	857	1139	205	612	322	-
		60	295	562	850	664	395	982	1326	295	845	186	397
		75	295	562	850	664	395	982	1326	295	845	186	397
	4	5	175	456	540	506	278	635	873	175	486	212	-
		7.5	175	456	540	506	278	625	879	175	452	252	-
		10	175	456	540	506	278	625	879	175	452	252	-
		15	190	456	552	512	298	749	1066	190	568	309	-
		20	190	456	552	512	298	749	1066	190	568	309	-
030-110	4	10	175	456	540	506	278	625	888	175	465	248	-
		15	190	456	552	512	298	749	1071	190	574	308	-
		20	190	456	552	512	298	749	1071	190	574	308	-
030-135	4	15	185	456	566	516	322	773	1129	185	601	343	-
		20	185	456	566	516	322	773	1129	185	601	343	-
		25	185	456	566	516	322	787	1129	185	601	343	-
		30	185	456	566	516	322	787	1129	185	601	343	-
		40	185	456	566	516	322	879	1129	185	601	343	-
		50	185	456	566	516	322	879	1129	185	601	343	-

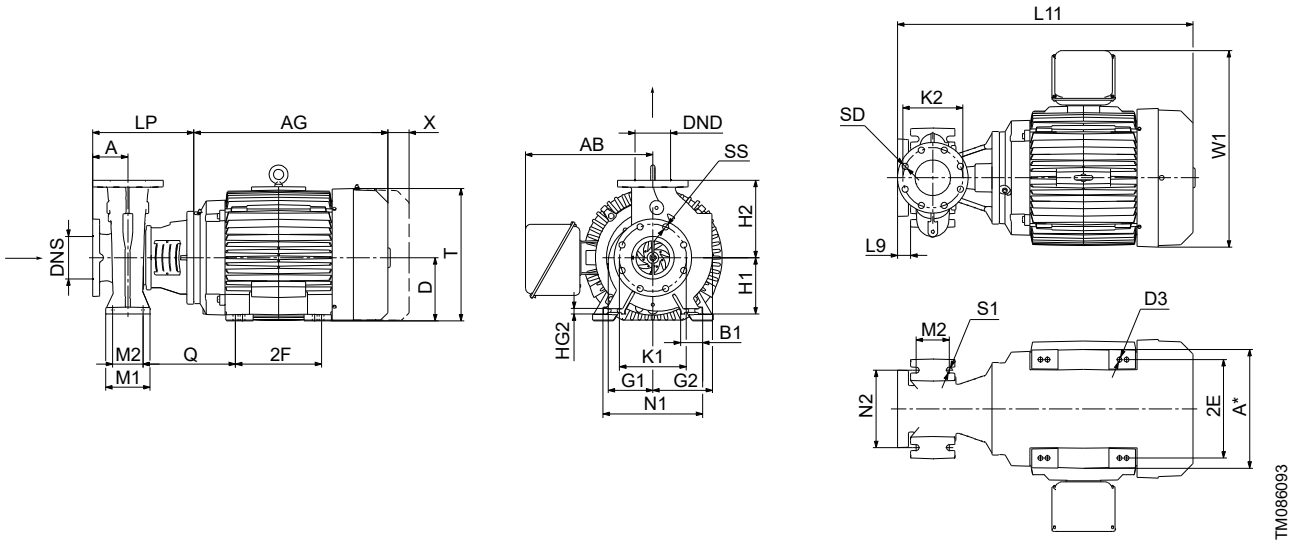
Pump size	Pole	P2 [hp]	A2	B1	B2	B3	H3	H4	L1	L2	L3	L4	L5
040-070	2	20	190	396	480	446	259	710	1097	190	568	339	-
		25	180	396	492	452	275	740	1005	180	512	313	-
		30	180	396	492	452	275	740	1005	180	512	313	-
		40	225	424	600	514	310	867	1171	225	566	380	-
		50	225	424	600	514	310	867	1171	225	566	380	-
	4	2	160	392	460	432	246	596	843	160	448	235	-
		3	160	392	460	432	246	603	843	160	448	235	-
		5	160	392	460	432	246	603	843	160	448	235	-
		7.5	160	392	460	432	246	593	830	160	422	248	-
		10	160	392	460	432	246	593	830	160	422	248	-
040-095	2	75	295	562	850	664	396	983	1326	295	845	186	397
	4	7.5	175	456	540	506	304	651	879	175	452	252	-
		10	175	456	540	506	304	651	879	175	452	252	-
		15	175	456	540	506	304	755	1036	175	568	294	-
		20	175	456	540	506	304	755	1036	175	568	294	-
040-110	4	15	175	456	540	506	304	755	1046	175	574	298	-
		20	175	456	540	506	304	755	1046	175	574	298	-
		25	205	460	600	524	334	799	1112	205	570	337	-
		30	205	460	600	524	334	799	1112	205	570	337	-
040-135	4	20	185	456	566	516	322	773	1129	185	601	343	-
		25	185	456	566	516	322	787	1129	185	601	343	-
		30	185	456	566	516	322	787	1129	185	601	343	-
		40	185	456	566	516	322	879	1129	185	601	343	-
		50	185	456	566	516	322	879	1129	185	601	343	-
050-070	2	30	205	420	560	484	308	773	1117	205	548	364	-
		40	225	424	600	514	310	867	1171	225	566	380	-
		50	225	424	600	514	310	867	1171	225	566	380	-
		60	295	562	850	664	395	982	1289	295	814	180	354
		75	295	562	850	664	395	982	1289	295	814	180	354
	4	3	205	420	560	484	308	665	928	205	472	251	-
		5	205	420	560	484	308	665	928	205	472	251	-
		7.5	205	420	560	484	308	655	947	205	438	304	-
		10	205	420	560	484	308	655	947	205	438	304	-
050-095	4	10	170	452	520	492	322	669	918	170	490	258	-
		15	170	452	520	492	322	773	1076	170	600	306	-
		20	170	452	520	492	322	773	1076	170	600	306	-
		25	170	452	520	492	322	787	1076	170	600	306	-
		30	170	452	520	492	322	787	1076	170	600	306	-
050-110	4	20	185	456	566	516	322	773	1129	185	601	343	-
		25	185	456	566	516	322	787	1129	185	601	343	-
		30	185	456	566	516	322	787	1129	185	601	343	-
		40	185	456	566	516	322	879	1129	185	601	343	-
		50	185	456	566	516	322	879	1129	185	601	343	-
050-135	4	25	275	558	810	654	409	874	1318	275	629	415	-
		30	275	558	810	654	409	874	1318	275	629	415	-
		40	275	558	810	654	409	966	1319	275	637	407	-
		50	275	558	810	654	409	966	1319	275	637	407	-
		60	275	558	810	654	434	1021	1343	275	908	160	426
		75	275	558	810	654	434	1021	1343	275	908	160	426
060-095	4	20	275	558	810	654	409	860	1190	275	561	354	-
		25	300	558	810	654	409	874	1330	300	614	416	-
		30	300	558	810	654	409	874	1330	300	614	416	-
		40	300	558	810	654	409	966	1330	300	614	416	-
		50	300	558	810	654	409	966	1330	300	614	416	-

Pump size	Pole	P2 [hp]	A2	B1	B2	B3	H3	H4	L1	L2	L3	L4	L5
060-110	4	30	275	558	810	654	409	874	1318	275	629	415	-
		40	275	558	810	654	409	966	1319	275	637	407	-
		50	275	558	810	654	409	966	1319	275	637	407	-
		60	275	558	810	654	409	996	1368	275	908	185	426
		75	275	558	810	654	409	996	1368	275	908	185	426

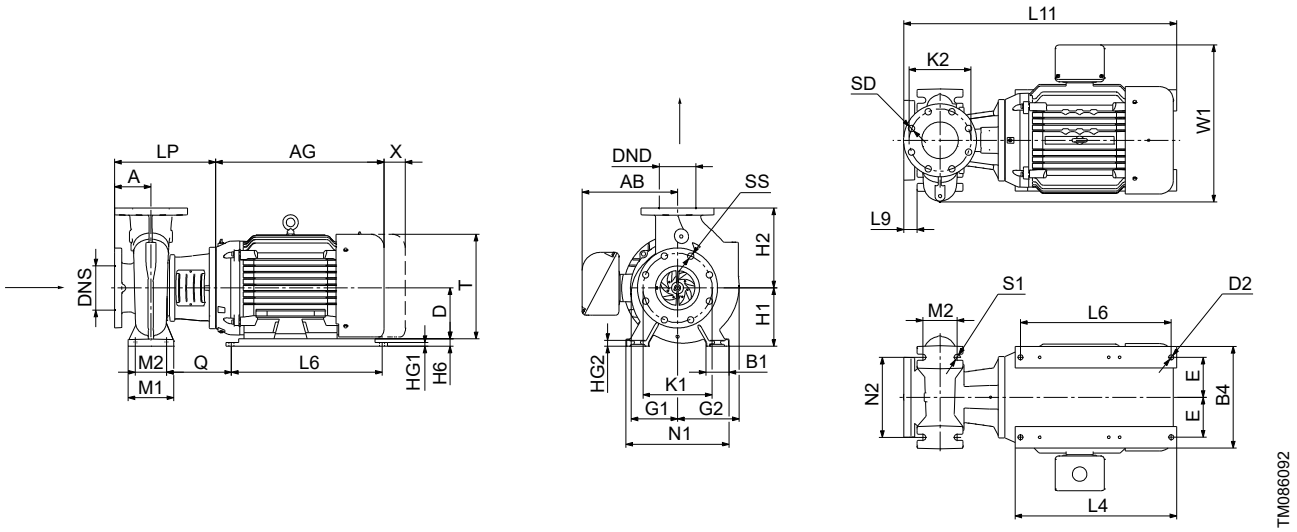
NB, dimensional drawings



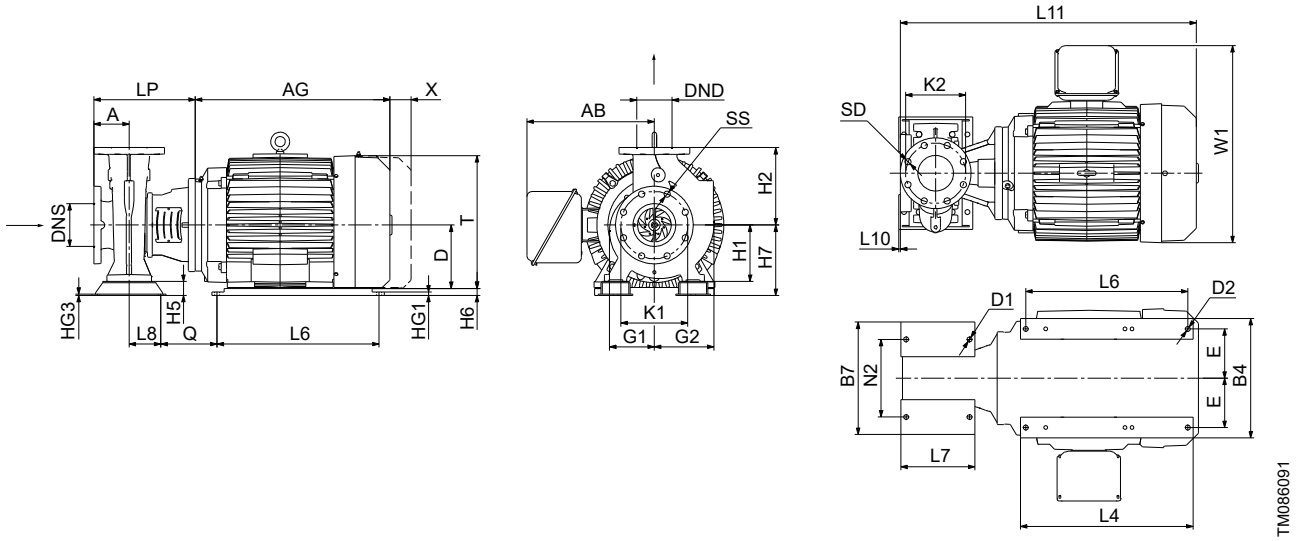
Mounting design A (H1<D)



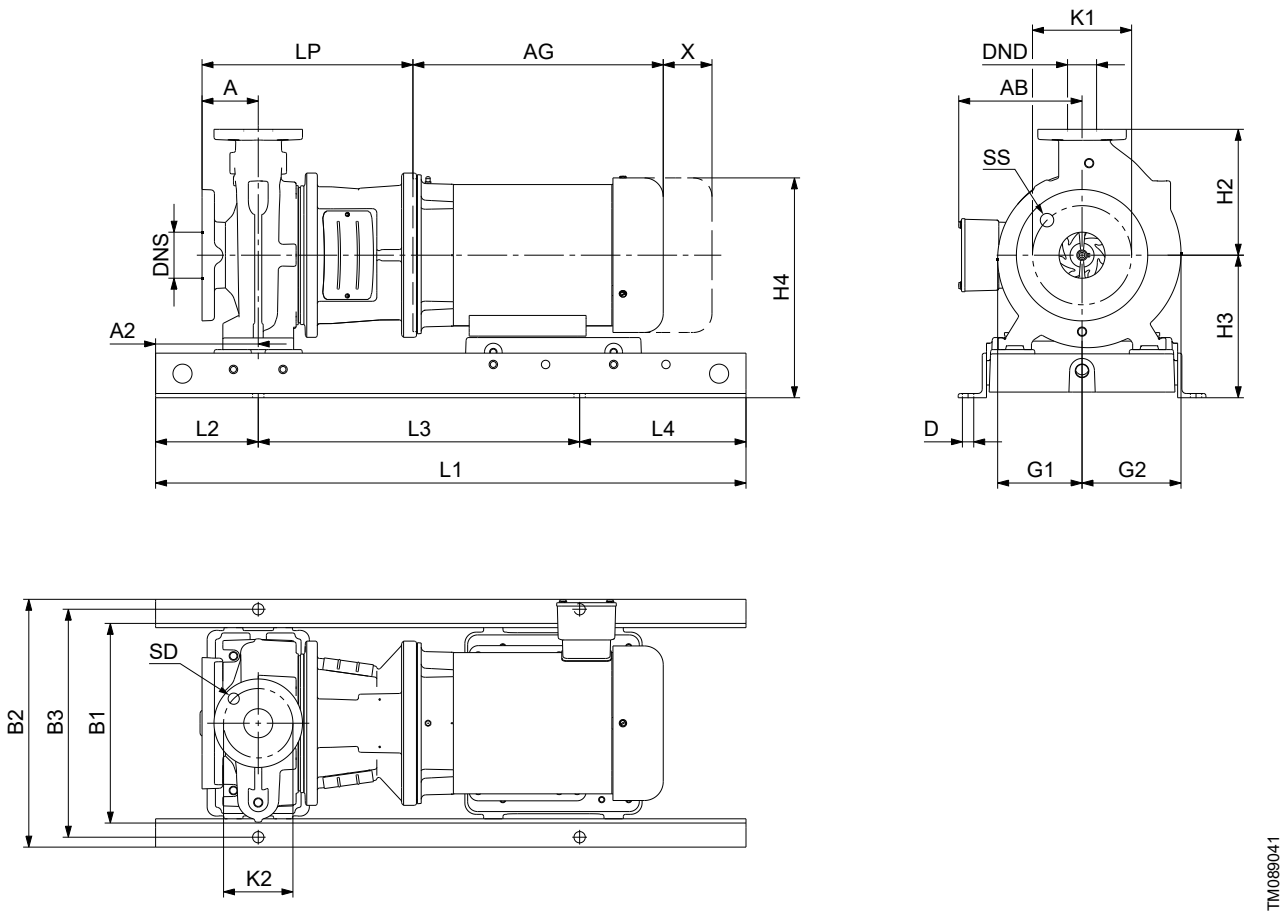
Mounting design A (H1<D)



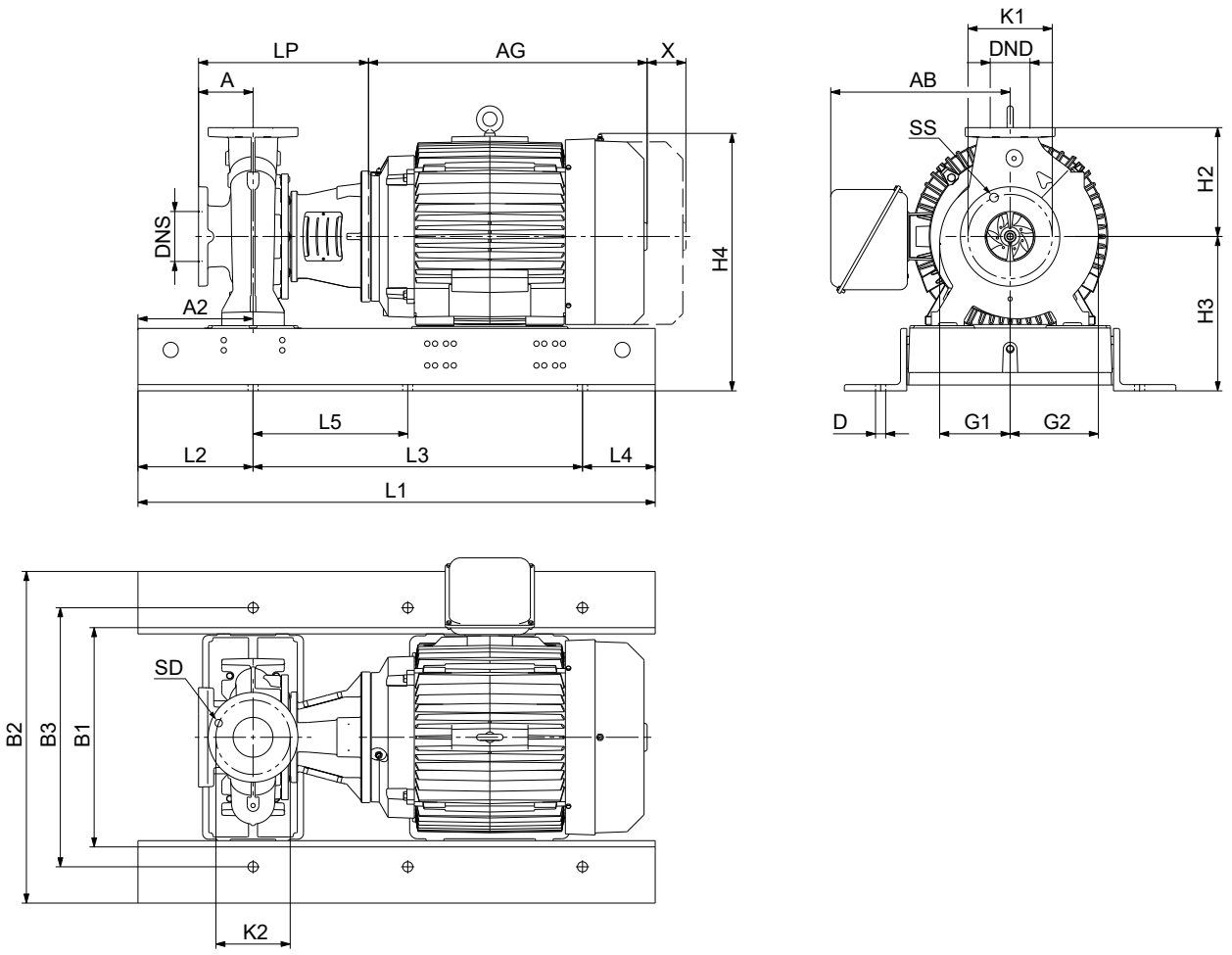
Mounting design B



Mounting design C



Mounting design F with four mounting holes



Mounting design F with six mounting holes

Flange and bare pump dimensions

Dimensions in inch.

Pump size	DNS	DND	Flanges 175 PSI Class 125 [inch]				Flanges 363 PSI Class 300 [inch]				Bare pump dimensions [inch]											
			SS	SD	K1	K2	SS	SD	K1	K2	H1	H2	A	HG2	N1	N2	M1	M2	S1	L9	G1	G2
012-070	2.0	1.3	4x3/4	4x5/8	4.8	3.5	8x3/4	4x3/4	5.0	3.9	5.3	7.0	3.1	0.6	9.5	7.5	3.9	2.8	M12	1.2	4.7	5.2
015-070	2.6	1.6	4x3/4	4x5/8	5.5	3.9	8x7/8	4x7/8	5.9	4.5	5.3	7.0	3.1	0.5	9.5	7.5	3.9	2.8	M12	1.2	4.8	5.6
015-090	2.6	1.6	4x3/4	4x5/8	5.5	3.9	8x7/8	4x7/8	5.9	4.5	7.0	9.0	4.0	0.7	12.6	9.8	4.9	3.7	M12	1.5	6.6	6.6
015-095	2.6	1.6	4x3/4	4x5/8	5.5	3.9	8x7/8	4x7/8	5.9	4.5	7.0	9.0	4.0	0.7	12.6	9.8	4.9	3.7	M12	1.5	6.7	6.6
020-095	2.6	2.0	4x3/4	4x3/4	5.5	4.8	8x7/8	8x3/4	5.9	5.0	7.0	9.0	4.0	0.8	12.6	9.8	4.9	3.7	M12	1.5	6.6	6.7
020-110	2.6	2.0	4x3/4	4x3/4	5.5	4.8	8x7/8	8x3/4	5.9	5.0	7.0	9.0	4.0	0.7	12.6	9.8	4.9	3.7	M12	1.5	6.5	7.0
020-135	3.2	2.0	4x3/4	4x3/4	6.0	4.8	8x7/8	8x3/4	6.6	5.0	9.0	11.0	5.0	0.7	13.6	11.0	4.9	3.7	M12	2.5	8.1	8.7
025-070	3.2	2.6	4x3/4	4x3/4	6.0	5.5	8x7/8	8x7/8	6.6	5.9	6.3	8.0	4.0	0.6	11.0	8.4	4.9	3.7	M12	1.5	5.0	5.8
025-095	3.2	2.6	4x3/4	4x3/4	6.0	5.5	8x7/8	8x7/8	6.6	5.9	8.0	10.0	4.0	0.9	14.2	11.0	6.3	4.6	M16	0.9	6.7	7.5
025-110	3.2	2.6	4x3/4	4x3/4	6.0	5.5	8x7/8	8x7/8	6.6	5.9	8.0	11.0	5.0	0.7	14.2	11.0	6.3	4.7	M16	1.9	7.2	7.8
030-070	3.9	3.2	8x3/4	4x3/4	7.5	6.0	8x7/8	8x7/8	7.9	6.6	6.3	9.0	4.0	0.7	11.0	8.4	4.9	3.7	M12	1.5	5.4	6.6
030-095	3.9	3.2	8x3/4	4x3/4	7.5	6.0	8x7/8	8x7/8	7.9	6.6	8.0	11.0	5.0	0.8	15.8	12.4	6.3	4.7	M16	1.9	6.9	8.3
030-110	3.9	3.2	8x3/4	4x3/4	7.5	6.0	8x7/8	8x7/8	7.9	6.6	8.0	12.5	5.0	0.8	15.8	12.4	6.3	4.7	M16	1.9	7.2	8.2
030-135	3.9	3.2	8x3/4	4x3/4	7.5	6.0	8x7/8	8x7/8	7.9	6.6	10.0	12.5	5.0	0.6	15.8	12.4	6.3	4.7	M16	1.9	8.4	9.7
040-070	4.9	3.9	8x7/8	8x3/4	8.5	7.5	8x7/8	8x7/8	9.3	7.9	7.0	10.0	5.0	0.7	13.6	11.0	4.9	3.7	M12	2.5	5.5	7.1
040-095	4.9	3.9	8x7/8	8x3/4	8.5	7.5	8x7/8	8x7/8	9.3	7.9	9.0	11.0	5.5	1.0	15.8	12.4	6.3	4.7	M16	2.4	7.2	9.0
040-110	4.9	3.9	8x7/8	8x3/4	8.5	7.5	8x7/8	8x7/8	9.3	7.9	9.0	12.5	5.5	0.8	15.8	12.4	6.3	4.7	M16	2.4	7.4	9.0
040-135	4.9	3.9	8x7/8	8x3/4	8.5	7.5	8x7/8	8x7/8	9.3	7.9	10.0	12.5	5.5	0.9	15.8	12.4	6.3	4.6	M16	2.4	8.4	9.8
050-070	5.9	4.9	8x7/8	8x7/8	9.5	8.5	12x7/8	8x7/8	10.6	9.3	8.0	11.0	5.0	0.7	14.2	11.0	6.3	4.7	M16	1.9	6.4	8.5
050-095	5.9	4.9	8x7/8	8x7/8	9.5	8.5	12x7/8	8x7/8	10.6	9.3	10.0	14.0	5.5	1.1	15.8	12.4	6.3	4.7	M16	2.4	7.4	10.1
050-110	5.9	4.9	8x7/8	8x7/8	9.5	8.5	12x7/8	8x7/8	10.6	9.3	10.0	14.0	5.5	0.9	15.8	12.4	6.3	4.7	M16	2.4	8.3	10.8
050-135	5.9	4.9	8x7/8	8x7/8	9.5	8.5	12x7/8	8x7/8	10.6	9.3	11.0	14.0	5.5	0.9	19.7	15.8	7.9	5.9	M20	1.6	8.9	10.7
060-095	7.9	5.9	8x7/8	8x7/8	11.8	9.5	12x1	12x7/8	13.0	10.6	11.0	14.8	6.3	0.7	19.7	15.8	7.9	5.9	M20	2.3	9.1	11.8
060-110	7.9	5.9	8x7/8	8x7/8	11.8	9.5	12x1	12x7/8	13.0	10.6	11.0	14.8	6.3	0.9	19.7	15.8	7.9	5.9	M20	2.3	8.9	11.5

Dimensions in mm.

Pump size	DNS	DND	Flanges 175 PSI Class 125 [mm]				Flanges 363 PSI Class 300 [mm]				Bare pump dimensions [mm]											
			SS	SD	K1	K2	SS	SD	K1	K2	H1	H2	A	HG2	N1	N2	M1	M2	S1	L9	G1	G2
012-070	50	32	4x19	4x16	121	89	8x19	4x19	127	98	133	178	80	16	240	190	100	70	M12	29	118	132
015-070	65	40	4x19	4x16	140	98	8x22.3	4x22.3	149	114	133	178	80	13	240	190	100	70	M12	29	122	143
015-090	65	40	4x19	4x16	140	98	8x22.3	4x22.3	149	114	178	229	102	17	320	250	125	95	M12	39	168	168
015-095	65	40	4x19	4x16	140	98	8x22.3	4x22.3	149	114	178	229	102	17	320	250	125	95	M12	39	169	168
020-095	65	50	4x19	4x19	140	121	8x22.3	8x19	149	127	178	229	102	19	320	250	125	95	M12	39	168	170
020-110	65	50	4x19	4x19	140	121	8x22.3	8x19	149	127	178	229	102	18	320	250	125	95	M12	39	165	179
020-135	80	50	4x19	4x19	152	121	8x22.3	8x19	168	127	229	279	127	17	345	280	125	95	M12	65	206	220
025-070	80	65	4x19	4x19	152	140	8x22.3	8x22.3	168	149	159	203	102	16	280	212	125	95	M12	39	126	147
025-095	80	65	4x19	4x19	152	140	8x22.3	8x22.3	168	149	203	254	102	24	360	280	160	116	M16	22	169	191
025-110	80	65	4x19	4x19	152	140	8x22.3	8x22.3	168	149	203	279	127	17	360	280	160	120	M16	47	183	199
030-070	100	80	8x19	4x19	191	152	8x22.3	8x22.3	200	168	159	229	102	18	280	212	125	95	M12	39	138	168
030-095	100	80	8x19	4x19	191	152	8x22.3	8x22.3	200	168	203	279	127	21	400	315	160	120	M16	47	174	212
030-110	100	80	8x19	4x19	191	152	8x22.3	8x22.3	200	168	203	318	127	19	400	315	160	120	M16	47	183	207
030-135	100	80	8x19	4x19	191	152	8x22.3	8x22.3	200	168	254	318	127	14	400	315	160	120	M16	47	214	245
040-070	125	100	8x22.3	8x19	216	191	8x22.3	8x22.3	235	200	178	254	127	17	345	280	125	95	M12	65	140	181
040-095	125	100	8x22.3	8x19	216	191	8x22.3	8x22.3	235	200	229	279	140	25	400	315	160	120	M16	60	184	229
040-110	125	100	8x22.3	8x19	216	191	8x22.3	8x22.3	235	200	229	318	140	21	400	315	160	120	M16	60	188	229
040-135	125	100	8x22.3	8x19	216	191	8x22.3	8x22.3	235	200	254	318	140	22	400	315	160	116	M16	60	214	250
050-070	150	125	8x22.3	8x22.3	241	216	12x22.3	8x22.3	270	235	203	279	127	18	360	280	160	120	M16	47	163	216
050-095	150	125	8x22.3	8x22.3	241	216	12x22.3	8x22.3	270	235	254	356	140	29	400	315	160	120	M16	60	188	256
050-110	150	125	8x22.3	8x22.3	241	216	12x22.3	8x22.3	270	235	254	356	140	24	400	315	160	120	M16	60	210	273
050-135	150	125	8x22.3	8x22.3	241	216	12x22.3	8x22.3	270	235	279	356	140	22	500	400	200	150	M20	40	226	272
060-095	200	150	8x22.3	8x22.3	299	241	12x25.4	12x22.3	330	270	279	375	159	18	500	400	200	150	M20	59	230	300
060-110	200	150	8x22.3	8x22.3	299	241	12x25.4	12x22.3	330	270	279	375	159	22	500	400	200	150	M20	59	227	291

Dimensions for NB pumps with TEFC motors, mounting design A

Dimensions in inch.

Pump size	Pole	P2 [hp]	Dimensions for NB pumps with TEFC motors, mounting design A [inch]													
			LP	AG	X	Q	2F	D	T	AB	B1	L11	W1	D3	2E	A*
012-070	2	3	11.7	13.9	3.9	10.9	4.5	4.5	8.9	6.9	2.0	25.6	12.0	0.4	7.5	8.6
		5	11.7	15.4	3.9	10.9	5.5	4.5	8.9	6.9	2.0	27.1	12.0	0.4	7.5	8.6
		7.5	11.7	16.6	3.9	11.7	5.5	5.3	10.4	8.0	2.0	28.4	13.1	0.4	8.5	9.5
		7.5	11.7	16.6	3.9	11.7	5.5	5.3	10.4	8.0	2.0	28.4	13.1	0.4	8.5	9.5
		10	11.7	18.1	3.9	11.7	7.0	5.3	10.4	8.0	2.0	29.9	13.1	0.4	8.5	9.5
		15	12.3	20.1	3.9	12.8	8.3	6.3	12.9	10.2	2.0	32.4	15.3	0.5	10.0	11.5
		15	12.3	20.1	3.9	12.8	8.3	6.3	12.9	10.2	2.0	32.4	15.3	0.5	10.0	11.5
	4	1	10.6	11.2	3.9	9.0	4.0	3.5	7.1	5.8	2.0	21.8	10.8	0.3	5.5	6.5
		1	10.6	11.2	3.9	9.0	4.0	3.5	7.1	5.8	2.0	21.8	10.8	0.3	5.5	6.5
		1	10.6	11.2	3.9	9.0	4.0	3.5	7.1	5.8	2.0	21.8	10.8	0.3	5.5	6.5
		1.5	10.6	11.2	3.9	9.0	5.0	3.5	7.1	5.8	2.0	21.8	10.8	0.3	5.5	6.5
015-070	2	5	11.7	15.4	3.9	10.9	5.5	4.5	8.9	6.9	2.0	27.1	12.4	0.4	7.5	8.6
		7.5	11.7	16.6	3.9	11.7	5.5	5.3	10.4	8.0	2.0	28.4	13.5	0.4	8.5	9.5
		10	11.7	18.1	3.9	11.7	7.0	5.3	10.4	8.0	2.0	29.9	13.5	0.4	8.5	9.5
		15	12.3	20.1	3.9	12.8	8.3	6.3	12.9	10.2	2.0	32.4	15.7	0.5	10.0	11.5
		20	12.3	20.1	3.9	12.8	10.0	6.3	12.9	10.2	2.0	32.4	15.7	0.5	10.0	11.5
	4	1	10.6	11.2	3.9	9.0	4.0	3.5	7.1	5.8	2.0	21.8	10.2	0.3	5.5	6.5
		1	10.6	11.2	3.9	9.0	4.0	3.5	7.1	5.8	2.0	21.8	11.3	0.3	5.5	6.5
		1.5	10.6	11.2	3.9	9.0	5.0	3.5	7.1	5.8	2.0	21.8	11.3	0.3	5.5	6.5
		2	10.6	11.2	3.9	9.0	5.0	3.5	7.1	5.8	2.0	21.8	11.3	0.3	5.5	6.5
		3	11.7	13.9	3.9	10.9	4.5	4.5	8.9	6.9	2.0	25.6	12.4	0.4	7.5	8.6
015-090	2	15	13.2	20.1	3.9	12.3	8.3	6.3	12.9	10.2	2.6	33.3	16.5	0.5	10.0	11.5
		20	13.2	20.1	3.9	12.3	10.0	6.3	12.9	10.2	2.6	33.3	16.5	0.5	10.0	11.5
		25	12.7	21.8	3.9	11.9	9.5	7.0	13.6	12.2	2.6	34.5	18.5	0.5	11.0	12.8
		30	12.7	23.4	3.9	11.9	11.0	7.0	14.4	13.1	2.6	36.1	19.4	0.5	11.0	12.8
		40	13.2	25.4	3.9	12.8	10.5	8.0	15.4	13.7	2.6	38.6	20.0	0.7	12.5	14.5
	4	1.5	11.5	11.2	3.9	8.5	5.0	3.5	7.1	5.8	2.6	22.6	12.6	0.3	5.5	6.5
		2	11.5	11.2	3.9	8.5	5.0	3.5	7.1	5.8	2.6	22.6	12.6	0.3	5.5	6.5
		3	12.6	13.9	3.9	10.4	4.5	4.5	8.9	6.9	2.6	26.5	13.2	0.4	7.5	8.6
		5	12.6	15.4	3.9	10.4	5.5	4.5	8.9	6.9	2.6	28.0	13.2	0.4	7.5	8.6
015-095	2	15	13.2	20.1	3.9	12.3	8.3	6.3	12.9	10.2	2.6	33.3	16.9	0.5	10.0	11.5
		20	13.2	20.1	3.9	12.3	10.0	6.3	12.9	10.2	2.6	33.3	16.9	0.5	10.0	11.5
		25	12.7	21.8	3.9	11.9	9.5	7.0	13.6	12.2	2.6	34.5	18.9	0.5	11.0	12.8
		30	12.7	23.4	3.9	11.9	11.0	7.0	14.4	13.1	2.6	36.1	19.8	0.5	11.0	12.8
		40	13.2	25.4	3.9	12.8	10.5	8.0	15.4	13.7	2.6	38.6	20.4	0.7	12.5	14.5
		50	13.2	25.3	3.9	12.8	12.0	8.0	16.3	14.6	2.6	38.5	21.3	0.7	12.5	14.5
	4	2	11.5	11.2	3.9	8.5	5.0	3.5	7.1	5.8	2.6	22.6	13.0	0.3	5.5	6.5
		3	12.6	13.9	3.9	10.4	4.5	4.5	8.9	6.9	2.6	26.5	13.6	0.4	7.5	8.6
		5	12.6	15.4	3.9	10.4	5.5	4.5	8.9	6.9	2.6	28.0	13.6	0.4	7.5	8.6
		7.5	12.6	16.6	3.9	11.2	5.5	5.3	10.4	8.0	2.6	29.2	14.7	0.4	8.5	9.5

Pump size	Pole	P2 [hp]	Dimensions for NB pumps with TEFC motors, mounting design A [inch]													
			LP	AG	X	Q	2F	D	T	AB	B1	L11	W1	D3	2E	A*
020-095	2	15	14.2	20.1	3.9	13.3	8.3	6.3	12.9	10.2	2.6	34.3	16.7	0.5	10.0	11.5
		20	14.2	20.1	3.9	13.3	10.0	6.3	12.9	10.2	2.6	34.3	16.7	0.5	10.0	11.5
		25	14.8	21.8	3.9	14.0	9.5	7.0	13.6	12.2	2.6	36.6	18.7	0.5	11.0	12.8
		30	14.8	23.4	3.9	14.0	11.0	7.0	14.4	13.1	2.6	38.2	19.6	0.5	11.0	12.8
		40	14.9	25.4	3.9	14.5	10.5	8.0	15.4	13.7	2.6	40.3	20.2	0.7	12.5	14.5
		50	14.9	25.3	3.9	14.5	12.0	8.0	16.3	14.6	2.6	40.2	21.1	0.7	12.5	14.5
		60	14.9	27.8	3.9	15.1	11.3	9.0	19.1	18.1	2.6	42.7	24.6	0.7	14.0	17.0
		60	14.9	27.8	3.9	15.1	11.3	9.0	19.1	18.1	2.6	42.7	24.6	0.7	14.0	17.0
	4	2	11.5	11.2	3.9	8.5	5.0	3.5	7.1	5.8	2.6	22.6	12.8	0.3	5.5	6.5
		3	12.6	13.9	3.9	10.4	4.5	4.5	8.9	6.9	2.6	26.5	13.4	0.4	7.5	8.6
		5	12.6	15.4	3.9	10.4	5.5	4.5	8.9	6.9	2.6	28.0	13.4	0.4	7.5	8.6
		7.5	12.6	16.6	3.9	11.2	5.5	5.3	10.4	8.0	2.6	29.2	14.5	0.4	8.5	9.5
020-110	4	5	12.6	15.4	3.9	10.4	5.5	4.5	8.9	6.9	2.6	28.0	13.9	0.4	7.5	8.6
		7.5	12.6	16.6	3.9	11.2	5.5	5.3	10.4	8.0	2.6	29.2	15.0	0.4	8.5	9.5
		10	12.6	18.1	3.9	11.2	7.0	5.3	10.4	8.0	2.6	30.7	15.0	0.4	8.5	9.5
		15	13.2	20.1	3.9	12.3	8.3	6.3	12.9	10.2	2.6	33.3	17.1	0.5	10.0	11.5
020-130	4	7.5	15.2	16.6	5.5	12.8	5.5	5.3	10.4	8.0	2.6	31.8	16.6	0.4	8.5	9.5
		10	15.2	18.1	5.5	12.8	7.0	5.3	10.4	8.0	2.6	33.3	16.6	0.4	8.5	9.5
		15	15.2	20.1	5.5	13.3	8.3	6.3	12.9	10.2	2.6	35.3	18.8	0.5	10.0	11.5
		20	15.2	20.1	5.5	13.3	10.0	6.3	12.9	10.2	2.6	35.3	18.8	0.5	10.0	11.5
		25	15.8	23.4	5.5	14.0	9.5	7.0	14.4	13.1	2.6	39.2	21.7	0.5	11.0	12.8
025-070	2	7.5	12.6	16.6	5.5	11.2	5.5	5.3	10.4	8.0	2.6	29.2	13.6	0.4	8.5	9.5
		10	12.6	18.1	5.5	11.2	7.0	5.3	10.4	8.0	2.6	30.7	13.6	0.4	8.5	9.5
		15	13.2	20.1	5.5	12.3	8.3	6.3	12.9	10.2	2.6	33.3	15.8	0.5	10.0	11.5
		20	13.2	20.1	5.5	12.3	10.0	6.3	12.9	10.2	2.6	33.3	15.8	0.5	10.0	11.5
		25	12.7	21.8	5.5	11.9	9.5	7.0	13.6	12.2	2.6	34.5	17.8	0.5	11.0	12.8
		30	12.7	23.4	5.5	11.9	11.0	7.0	14.4	13.1	2.6	36.1	18.7	0.5	11.0	12.8
	4	1	11.5	11.2	5.5	8.5	4.0	3.5	7.1	5.8	2.6	22.6	11.3	0.3	5.5	6.5
		1.5	11.5	11.2	5.5	8.5	5.0	3.5	7.1	5.8	2.6	22.6	11.3	0.3	5.5	6.5
		2	11.5	11.2	5.5	8.5	5.0	3.5	7.1	5.8	2.6	22.6	11.3	0.3	5.5	6.5
		3	12.6	13.9	5.5	10.4	4.5	4.5	8.9	6.9	2.6	26.5	12.5	0.4	7.5	8.6
		5	12.6	15.4	5.5	10.4	5.5	4.5	8.9	6.9	2.6	28.0	12.5	0.4	7.5	8.6
025-095	2	25	14.8	21.8	3.9	13.5	9.5	7.0	13.6	12.2	3.2	36.6	19.5	0.5	11.0	12.8
		30	14.8	23.4	3.9	13.5	11.0	7.0	14.4	13.1	3.2	38.2	20.5	0.5	11.0	12.8
		40	14.9	25.4	3.9	14.1	10.5	8.0	15.4	13.7	3.2	40.3	21.0	0.7	12.5	14.5
		50	14.9	25.3	3.9	14.1	12.0	8.0	16.3	14.6	3.2	40.2	22.0	0.7	12.5	14.5
		60	14.9	27.8	3.9	14.7	11.3	9.0	19.1	18.1	3.2	42.7	25.4	0.7	14.0	17.0
		75	14.9	27.8	3.9	14.7	12.3	9.0	19.1	18.1	3.2	42.7	25.4	0.7	14.0	17.0
		75	14.9	27.8	3.9	14.7	12.3	9.0	19.1	18.1	3.2	42.7	25.4	0.7	14.0	17.0
	4	3	12.6	13.9	3.9	9.9	4.5	4.5	8.9	6.9	3.2	26.5	14.4	0.4	7.5	8.6
		5	12.6	15.4	3.9	9.9	5.5	4.5	8.9	6.9	3.2	28.0	14.4	0.4	7.5	8.6
		7.5	12.6	16.6	3.9	10.8	5.5	5.3	10.4	8.0	3.2	29.2	15.3	0.4	8.5	9.5
		10	12.6	18.1	3.9	10.8	7.0	5.3	10.4	8.0	3.2	30.7	15.3	0.4	8.5	9.5
	6	1	11.5	11.2	3.9	8.1	4.0	3.5	7.1	5.8	3.2	22.6	14.4	0.3	5.5	6.5
		1.5	12.6	13.9	3.9	9.9	4.5	4.5	8.9	6.9	3.2	26.5	14.4	0.4	7.5	8.6
		2	12.6	15.4	3.9	9.9	5.5	4.5	8.9	6.9	3.2	28.0	14.4	0.4	7.5	8.6
		3	12.6	16.6	3.9	10.8	5.5	5.3	10.4	8.0	3.2	29.2	15.3	0.4	8.5	9.5
025-110	4	7.5	15.2	16.6	5.5	12.3	5.5	5.3	10.4	8.0	3.2	31.8	15.7	0.4	8.5	9.5
		10	15.2	18.1	5.5	12.3	7.0	5.3	10.4	8.0	3.2	33.3	15.7	0.4	8.5	9.5
		15	15.2	20.1	5.5	12.8	8.3	6.3	12.9	10.2	3.2	35.3	17.9	0.5	10.0	11.5
	6	2	15.2	15.4	5.5	11.5	5.5	4.5	8.9	6.9	3.2	30.6	14.8	0.4	7.5	8.6
		3	15.2	16.6	5.5	12.3	5.5	5.3	10.4	8.0	3.2	31.8	15.7	0.4	8.5	9.5
		5	15.2	18.1	5.5	12.3	7.0	5.3	10.4	8.0	3.2	33.3	15.7	0.4	8.5	9.5

Pump size	Pole	P2 [hp]	Dimensions for NB pumps with TEFC motors, mounting design A [inch]													
			LP	AG	X	Q	2F	D	T	AB	B1	L11	W1	D3	2E	A*
030-070	2	15	13.2	20.1	5.5	12.3	8.3	6.3	12.9	10.2	2.6	33.3	16.7	0.5	10.0	11.5
		20	13.2	20.1	5.5	12.3	10.0	6.3	12.9	10.2	2.6	33.3	16.7	0.5	10.0	11.5
		25	12.7	21.8	5.5	11.9	9.5	7.0	13.6	12.2	2.6	34.5	18.7	0.5	11.0	12.8
		30	12.7	23.4	5.5	11.9	11.0	7.0	14.4	13.1	2.6	36.1	19.6	0.5	11.0	12.8
		40	13.2	25.4	5.5	12.8	10.5	8.0	15.4	13.7	2.6	38.6	20.2	0.7	12.5	14.5
	4	1.5	11.5	11.2	5.5	8.5	5.0	3.5	7.1	5.8	2.6	22.6	12.3	0.3	5.5	6.5
		2	11.5	11.2	5.5	8.5	5.0	3.5	7.1	5.8	2.6	22.6	12.3	0.3	5.5	6.5
		3	12.6	13.9	5.5	10.4	4.5	4.5	8.9	6.9	2.6	26.5	13.4	0.4	7.5	8.6
		5	12.6	15.4	5.5	10.4	5.5	4.5	8.9	6.9	2.6	28.0	13.4	0.4	7.5	8.6
030-095	2	40	16.7	25.4	5.5	14.8	10.5	8.0	15.4	13.7	3.2	42.1	21.9	0.7	12.5	14.5
		50	16.7	25.3	5.5	14.8	12.0	8.0	16.3	14.6	3.2	41.9	22.9	0.7	12.5	14.5
		60	16.7	27.8	5.5	15.4	11.3	9.0	19.1	18.1	3.2	44.5	26.3	0.7	14.0	17.0
		75	16.7	27.8	5.5	15.4	12.3	9.0	19.1	18.1	3.2	44.5	26.3	0.7	14.0	17.0
		100	16.7	31.2	6.0	16.2	12.3	10.0	21.3	19.3	3.2	48.0	27.5	0.8	16.0	20.0
		125	19.1	33.0	6.0	19.3	14.5	11.0	24.2	22.7	3.2	52.1	30.9	0.8	18.0	22.0
	4	5	14.4	15.4	5.5	10.7	5.5	4.5	8.9	6.9	3.2	29.8	16.1	0.4	7.5	8.6
		7.5	14.4	16.6	5.5	11.5	5.5	5.3	10.4	8.0	3.2	31.0	16.2	0.4	8.5	9.5
		10	14.4	18.1	5.5	11.5	7.0	5.3	10.4	8.0	3.2	32.5	16.2	0.4	8.5	9.5
		15	15.0	20.1	5.5	12.6	8.3	6.3	12.9	10.2	3.2	35.1	18.4	0.5	10.0	11.5
	6	1.5	14.4	13.9	5.5	10.7	4.5	4.5	8.9	6.9	3.2	28.3	16.1	0.4	7.5	8.6
		2	14.4	15.4	5.5	10.7	5.5	4.5	8.9	6.9	3.2	29.8	16.1	0.4	7.5	8.6
		3	14.4	16.6	5.5	11.5	5.5	5.3	10.4	8.0	3.2	31.0	16.2	0.4	8.5	9.5
		5	14.4	18.1	5.5	11.5	7.0	5.3	10.4	8.0	3.2	32.5	16.2	0.4	8.5	9.5
030-110	4	10	15.2	18.1	5.5	12.3	7.0	5.3	10.4	8.0	3.2	33.3	16.0	0.4	8.5	9.5
		15	15.2	20.1	5.5	12.8	8.3	6.3	12.9	10.2	3.2	35.3	18.2	0.5	10.0	11.5
		20	15.2	20.1	5.5	12.8	10.0	6.3	12.9	10.2	3.2	35.3	18.2	0.5	10.0	11.5
	6	3	15.2	16.6	5.5	12.3	5.5	5.3	10.4	8.0	3.2	31.8	16.0	0.4	8.5	9.5
		5	15.2	18.1	5.5	12.3	7.0	5.3	10.4	8.0	3.2	33.3	16.0	0.4	8.5	9.5
		7.5	15.2	20.1	5.5	12.8	8.3	6.3	12.9	10.2	3.2	35.3	18.2	0.5	10.0	11.5
030-130	4	15	15.2	20.1	5.5	12.8	8.3	6.3	12.9	10.2	3.0	35.3	19.6	0.5	10.0	11.5
		20	15.2	20.1	5.5	12.8	10.0	6.3	12.9	10.2	3.0	35.3	19.6	0.5	10.0	11.5
		25	15.8	23.4	5.5	13.5	9.5	7.0	14.4	13.1	3.0	39.2	22.5	0.5	11.0	12.8
		30	15.8	23.4	5.5	13.5	11.0	7.0	14.4	13.1	3.0	39.2	22.5	0.5	11.0	12.8
		40	16.5	25.3	5.5	14.6	10.5	8.0	16.2	14.7	3.0	41.8	24.1	0.7	12.5	14.5
	6	5	15.2	18.1	5.5	12.3	7.0	5.3	10.4	8.0	3.0	33.3	17.6	0.4	8.5	9.5
		7.5	15.2	20.1	5.5	12.8	8.3	6.3	12.9	10.2	3.0	35.3	19.6	0.5	10.0	11.5
		10	15.2	20.1	5.5	12.8	10.0	6.3	12.9	10.2	3.0	35.3	19.6	0.5	10.0	11.5
		15	15.8	23.4	5.5	13.5	9.5	7.0	14.4	13.1	3.0	39.2	22.5	0.5	11.0	12.8
040-070	2	20	14.2	20.1	5.5	12.3	10.0	6.3	12.9	10.2	2.6	34.3	17.3	0.5	10.0	11.5
		25	13.7	21.8	5.5	11.9	9.5	7.0	13.6	12.2	2.6	35.5	19.3	0.5	11.0	12.8
		30	13.7	23.4	5.5	11.9	11.0	7.0	14.4	13.1	2.6	37.1	20.3	0.5	11.0	12.8
		40	14.2	25.4	5.5	12.8	10.5	8.0	15.4	13.7	2.6	39.6	20.8	0.7	12.5	14.5
		50	14.2	25.3	5.5	12.8	12.0	8.0	16.3	14.6	2.6	39.5	21.7	0.7	12.5	14.5
	4	2	12.5	11.2	5.5	8.5	5.0	3.5	7.1	5.8	2.6	23.6	13.9	0.3	5.5	6.5
		3	13.6	13.9	5.5	10.4	4.5	4.5	8.9	6.9	2.6	27.5	14.0	0.4	7.5	8.6
		5	13.6	15.4	5.5	10.4	5.5	4.5	8.9	6.9	2.6	29.0	14.0	0.4	7.5	8.6
		7.5	13.6	16.6	5.5	11.2	5.5	5.3	10.4	8.0	2.6	30.2	15.1	0.4	8.5	9.5
	6	1	12.5	11.2	5.5	8.2	4.0	3.5	7.1	5.8	2.6	23.6	13.9	0.3	5.5	6.5
		1	12.5	11.2	5.5	8.5	4.0	3.5	7.1	5.8	2.6	23.6	13.9	0.3	5.5	6.5
		1.5	13.6	13.9	5.5	10.4	4.5	4.5	8.9	6.9	2.6	27.5	14.0	0.4	7.5	8.6
		2	13.6	15.4	5.5	10.4	5.5	4.5	8.9	6.9	2.6	29.0	14.0	0.4	7.5	8.6

Pump size	Pole	P2 [hp]	Dimensions for NB pumps with TEFC motors, mounting design A [inch]													
			LP	AG	X	Q	2F	D	T	AB	B1	L11	W1	D3	2E	A*
040-095	2	60	17.2	27.8	5.5	15.4	11.3	9.0	19.1	18.1	3.2	45.0	27.0	0.7	14.0	17.0
		75	17.2	27.8	5.5	15.4	12.3	9.0	19.1	18.1	3.2	45.0	27.0	0.7	14.0	17.0
		100	17.2	27.8	6.0	16.2	11.3	9.0	19.1	18.1	3.2	45.0	27.5	0.8	16.0	20.0
		125	19.6	31.2	6.0	19.3	12.3	9.0	19.1	18.1	3.2	50.8	30.9	0.8	18.0	22.0
	4	7.5	14.9	16.6	5.5	11.5	5.5	5.3	10.4	8.0	3.2	31.5	16.9	0.4	8.5	9.5
		10	14.9	18.1	5.5	11.5	7.0	5.3	10.4	8.0	3.2	33.0	16.9	0.4	8.5	9.5
		15	15.5	20.1	5.5	12.6	8.3	6.3	12.9	10.2	3.2	35.6	19.1	0.5	10.0	11.5
		20	15.5	20.1	5.5	12.6	10.0	6.3	12.9	10.2	3.2	35.6	19.1	0.5	10.0	11.5
	6	2	14.9	15.4	5.5	10.7	5.5	4.5	8.9	6.9	3.2	30.3	16.8	0.4	7.5	8.6
		3	14.9	16.6	5.5	11.5	5.5	5.3	10.4	8.0	3.2	31.5	16.9	0.4	8.5	9.5
		5	14.9	18.1	5.5	11.5	7.0	5.3	10.4	8.0	3.2	33.0	16.9	0.4	8.5	9.5
		7.5	15.5	20.1	5.5	12.6	8.3	6.3	12.9	10.2	3.2	35.6	19.1	0.5	10.0	11.5
040-110	4	15	15.7	20.1	5.5	12.8	8.3	6.3	12.9	10.2	3.2	35.8	19.1	0.5	10.0	11.5
		20	15.7	20.1	5.5	12.8	10.0	6.3	12.9	10.2	3.2	35.8	19.1	0.5	10.0	11.5
		25	16.3	23.4	5.5	13.5	9.5	7.0	14.4	13.1	3.2	39.7	22.0	0.5	11.0	12.8
		30	16.3	23.4	5.5	13.5	11.0	7.0	14.4	13.1	3.2	39.7	22.0	0.5	11.0	12.8
	6	3	15.7	16.6	5.5	12.3	5.5	5.3	10.4	8.0	3.2	32.3	16.9	0.4	8.5	9.5
		5	15.7	18.1	5.5	12.3	7.0	5.3	10.4	8.0	3.2	33.8	16.9	0.4	8.5	9.5
		7.5	15.7	20.1	5.5	12.8	8.3	6.3	12.9	10.2	3.2	35.8	19.1	0.5	10.0	11.5
		10	15.7	20.1	5.5	12.8	10.0	6.3	12.9	10.2	3.2	35.8	19.1	0.5	10.0	11.5
040-130	4	20	15.7	20.1	5.5	12.9	10.0	6.3	12.9	10.2	3.2	35.8	19.8	0.5	10.0	11.5
		25	16.3	23.4	5.5	13.5	9.5	7.0	14.4	13.1	3.2	39.7	22.7	0.5	11.0	12.8
		30	16.3	23.4	5.5	13.5	11.0	7.0	14.4	13.1	3.2	39.7	22.7	0.5	11.0	12.8
		40	17.0	25.3	5.5	14.7	10.5	8.0	16.2	14.7	3.2	42.3	24.3	0.7	12.5	14.5
		50	17.0	25.3	5.5	14.7	12.0	8.0	16.2	14.7	3.2	42.3	24.3	0.7	12.5	14.5
	6	5	15.7	18.1	5.5	12.4	7.0	5.3	10.4	8.0	3.2	33.8	17.7	0.4	8.5	9.5
		7.5	15.7	20.1	5.5	12.9	8.3	6.3	12.9	10.2	3.2	35.8	19.8	0.5	10.0	11.5
		10	15.7	20.1	5.5	12.9	10.0	6.3	12.9	10.2	3.2	35.8	19.8	0.5	10.0	11.5
		15	16.3	23.4	5.5	13.5	9.5	7.0	14.4	13.1	3.2	39.7	22.7	0.5	11.0	12.8
050-070	2	25	13.7	21.8	5.5	11.4	9.5	7.0	13.6	12.2	3.2	35.5	20.7	0.5	11.0	12.8
		30	13.7	23.4	5.5	11.4	11.0	7.0	14.4	13.1	3.2	37.1	21.6	0.5	11.0	12.8
		40	14.2	25.4	5.5	12.3	10.5	8.0	15.4	13.7	3.2	39.6	22.1	0.7	12.5	14.5
		50	14.2	25.3	5.5	12.3	12.0	8.0	16.3	14.6	3.2	39.5	23.1	0.7	12.5	14.5
		60	14.2	27.8	5.5	13.0	11.3	9.0	19.1	18.1	3.2	42.0	26.6	0.7	14.0	17.0
		75	14.2	27.8	5.5	13.0	12.3	9.0	19.1	18.1	3.2	42.0	26.6	0.7	14.0	17.0
	4	3	13.6	13.9	5.5	9.9	4.5	4.5	8.9	6.9	3.2	27.5	15.6	0.4	7.5	8.6
		5	13.6	15.4	5.5	9.9	5.5	4.5	8.9	6.9	3.2	29.0	15.6	0.4	7.5	8.6
		7.5	13.6	16.6	5.5	10.7	5.5	5.3	10.4	8.0	3.2	30.2	16.5	0.4	8.5	9.5
		10	13.6	18.1	5.5	10.7	7.0	5.3	10.4	8.0	3.2	31.7	16.5	0.4	8.5	9.5
	6	1	12.5	11.2	5.5	8.0	4.0	3.5	7.1	5.8	3.2	23.6	15.6	0.3	5.5	6.5
		1	12.5	11.2	5.5	8.0	4.0	3.5	7.1	5.8	3.2	23.6	15.6	0.3	5.5	6.5
		1.5	13.6	13.9	5.5	9.9	4.5	4.5	8.9	6.9	3.2	27.5	15.6	0.4	7.5	8.6
		2	13.6	15.4	5.5	9.9	5.5	4.5	8.9	6.9	3.2	29.0	15.6	0.4	7.5	8.6
		3	13.6	16.6	5.5	10.7	5.5	5.3	10.4	8.0	3.2	30.2	16.5	0.4	8.5	9.5
050-095	4	10	15.9	18.1	5.5	12.5	7.0	5.3	10.4	8.0	3.2	34.0	17.3	0.4	8.5	9.5
		15	16.5	20.1	5.5	13.6	8.3	6.3	12.9	10.2	3.2	36.6	19.5	0.5	10.0	11.5
		20	16.5	20.1	5.5	13.6	10.0	6.3	12.9	10.2	3.2	36.6	19.5	0.5	10.0	11.5
		25	17.1	23.4	5.5	14.3	9.5	7.0	14.4	13.1	3.2	40.5	22.4	0.5	11.0	12.8
		30	17.1	23.4	5.5	14.3	11.0	7.0	14.4	13.1	3.2	40.5	22.4	0.5	11.0	12.8
	6	3	15.9	16.6	5.5	12.5	5.5	5.3	10.4	8.0	3.2	32.5	17.3	0.4	8.5	9.5
		5	15.9	18.1	5.5	12.5	7.0	5.3	10.4	8.0	3.2	34.0	17.3	0.4	8.5	9.5
		7.5	16.5	20.1	5.5	13.6	8.3	6.3	12.9	10.2	3.2	36.6	19.5	0.5	10.0	11.5
		10	16.5	20.1	5.5	13.6	10.0	6.3	12.9	10.2	3.2	36.6	19.5	0.5	10.0	11.5

Pump size	Pole	P2 [hp]	Dimensions for NB pumps with TEFC motors, mounting design A [inch]													
			LP	AG	X	Q	2F	D	T	AB	B1	L11	W1	D3	2E	A*
050-110	4	20	15.7	20.1	7.1	12.8	10.0	6.3	12.9	10.2	3.4	35.8	20.2	0.5	10.0	11.5
		25	16.3	23.4	7.1	13.5	9.5	7.0	14.4	13.1	3.4	39.7	23.1	0.5	11.0	12.8
		30	16.3	23.4	7.1	13.5	11.0	7.0	14.4	13.1	3.4	39.7	23.1	0.5	11.0	12.8
		40	17.0	25.3	7.1	14.6	10.5	8.0	16.2	14.7	3.4	42.3	24.7	0.7	12.5	14.5
	6	5	15.7	18.1	7.1	12.3	7.0	5.3	10.4	8.0	3.4	33.8	18.1	0.4	8.5	9.5
		7.5	15.7	20.1	7.1	12.8	8.3	6.3	12.9	10.2	3.4	35.8	20.2	0.5	10.0	11.5
		10	15.7	20.1	7.1	12.8	10.0	6.3	12.9	10.2	3.4	35.8	20.2	0.5	10.0	11.5
		15	16.3	23.4	7.1	13.5	9.5	7.0	14.4	13.1	3.4	39.7	23.1	0.5	11.0	12.8
050-130	4	25	16.3	23.4	7.1	12.8	9.5	7.0	14.4	13.1	3.9	39.6	23.8	0.5	11.0	12.8
		30	16.3	23.4	7.1	12.8	11.0	7.0	14.4	13.1	3.9	39.6	23.8	0.5	11.0	12.8
		40	17.5	25.3	7.1	14.6	10.5	8.0	16.2	14.7	3.9	42.9	25.3	0.7	12.5	14.5
		50	17.5	25.3	7.1	14.6	12.0	8.0	16.2	14.7	3.9	42.9	25.3	0.7	12.5	14.5
		60	17.5	27.8	7.1	15.2	11.3	9.0	19.1	18.1	3.9	45.3	28.7	0.7	14.0	17.0
		75	17.5	27.8	7.1	15.2	12.3	9.0	19.1	18.1	3.9	45.3	28.7	0.7	14.0	17.0
	6	10	16.3	20.1	7.1	12.8	10.0	6.3	12.9	10.2	3.9	36.4	20.8	0.5	10.0	11.5
		15	16.3	23.4	7.1	12.8	9.5	7.0	14.4	13.1	3.9	39.6	23.8	0.5	11.0	12.8
		20	16.3	23.4	7.1	12.8	11.0	7.0	14.4	13.1	3.9	39.6	23.8	0.5	11.0	12.8
060-095	4	15	17.2	20.1	7.1	13.0	8.3	6.3	12.9	10.2	3.9	37.3	22.0	0.5	10.0	11.5
		20	17.2	20.1	7.1	13.0	10.0	6.3	12.9	10.2	3.9	37.3	22.0	0.5	10.0	11.5
		25	17.9	23.4	7.1	13.7	9.5	7.0	14.4	13.1	3.9	41.3	24.9	0.5	11.0	12.8
		30	17.9	23.4	7.1	13.7	11.0	7.0	14.4	13.1	3.9	41.3	24.9	0.5	11.0	12.8
		40	17.9	25.3	7.1	14.2	10.5	8.0	16.2	14.7	3.9	43.2	26.5	0.7	12.5	14.5
	6	5	16.6	18.1	7.1	11.9	7.0	5.3	10.4	8.0	3.9	34.8	21.7	0.4	8.5	9.5
		7.5	17.2	20.1	7.1	13.0	8.3	6.3	12.9	10.2	3.9	37.3	22.0	0.5	10.0	11.5
		10	17.2	20.1	7.1	13.0	10.0	6.3	12.9	10.2	3.9	37.3	22.0	0.5	10.0	11.5
		15	17.9	23.4	7.1	13.7	9.5	7.0	14.4	13.1	3.9	41.3	24.9	0.5	11.0	12.8
060-110	4	30	17.0	23.4	7.1	12.8	11.0	7.0	14.4	13.1	3.9	40.4	24.4	0.5	11.0	12.8
		40	18.3	25.3	7.1	14.6	10.5	8.0	16.2	14.7	3.9	43.6	26.0	0.7	12.5	14.5
		50	18.3	25.3	7.1	14.6	12.0	8.0	16.2	14.7	3.9	43.6	26.0	0.7	12.5	14.5
		60	18.3	27.8	7.1	15.2	11.3	9.0	19.1	18.1	3.9	46.1	29.4	0.7	14.0	17.0
	6	7.5	17.0	20.1	7.1	12.8	8.3	6.3	12.9	10.2	3.9	37.1	21.5	0.5	10.0	11.5
		10	17.0	20.1	7.1	12.8	10.0	6.3	12.9	10.2	3.9	37.1	21.5	0.5	10.0	11.5
		15	17.0	23.4	7.1	12.8	9.5	7.0	14.4	13.1	3.9	40.4	24.4	0.5	11.0	12.8
		20	17.0	23.4	7.1	12.8	11.0	7.0	14.4	13.1	3.9	40.4	24.4	0.5	11.0	12.8

Dimensions in mm.

Pump size	Pole	P2 [hp]	Dimensions for NB pumps with TEFC motors, mounting design A [mm]													
			LP	AG	X	Q	2F	D	T	AB	B1	L11	W1	D3	2E	A*
012-070	2	3	298	353	100	276	114	114	227	175	50	651	304	10	191	219
		5	298	392	100	276	140	114	227	175	50	689	304	10	191	219
		7.5	298	422	100	298	140	133	264	203	50	720	332	10	216	241
		7.5	298	422	100	298	140	133	264	203	50	720	332	10	216	241
		10	298	460	100	298	178	133	264	203	50	758	332	10	216	241
		15	313	511	100	325	210	159	327	259	50	824	388	13	254	292
		15	313	511	100	325	210	159	327	259	50	824	388	13	254	292
	4	1	269	284	100	228	102	89	180	146	50	552	275	9	140	165
		1	269	284	100	228	102	89	180	146	50	552	275	9	140	165
		1	269	284	100	228	102	89	180	146	50	552	275	9	140	165
		1.5	269	284	100	228	127	89	180	146	50	552	275	9	140	165

Pump size	Pole	P2 [hp]	Dimensions for NB pumps with TEFC motors, mounting design A [mm]													
			LP	AG	X	Q	2F	D	T	AB	B1	L11	W1	D3	2E	A*
015-070	2	5	298	392	100	276	140	114	227	175	50	689	315	10	191	219
		7.5	298	422	100	298	140	133	264	203	50	720	343	10	216	241
		10	298	460	100	298	178	133	264	203	50	758	343	10	216	241
		15	313	511	100	325	210	159	327	259	50	824	399	13	254	292
		20	313	511	100	325	254	159	327	259	50	824	399	13	254	292
	4	1	269	284	100	228	102	89	180	146	50	552	260	9	140	165
		1	269	284	100	228	102	89	180	146	50	552	286	9	140	165
		1.5	269	284	100	228	127	89	180	146	50	552	286	9	140	165
		2	269	284	100	228	127	89	180	146	50	552	286	9	140	165
		3	298	353	100	276	114	114	227	175	50	651	315	10	191	219
015-090	2	15	335	511	100	313	210	159	327	259	65	846	419	13	254	292
		20	335	511	100	313	254	159	327	259	65	846	419	13	254	292
		25	323	553	100	301	241	178	346	310	65	876	470	13	279	324
		30	323	594	100	301	279	178	367	334	65	917	494	13	279	324
		40	335	646	100	326	267	203	392	347	65	981	507	17	318	368
	4	1.5	291	284	100	215	127	89	180	146	65	575	320	9	140	165
		2	291	284	100	215	127	89	180	146	65	575	320	9	140	165
		3	320	353	100	263	114	114	227	175	65	674	335	10	191	219
		5	320	392	100	263	140	114	227	175	65	712	335	10	191	219
015-095	2	15	335	511	100	313	210	159	327	259	65	846	428	13	254	292
		20	335	511	100	313	254	159	327	259	65	846	428	13	254	292
		25	323	553	100	301	241	178	346	310	65	876	480	13	279	324
		30	323	594	100	301	279	178	367	334	65	917	504	13	279	324
		40	335	646	100	326	267	203	392	347	65	981	517	17	318	368
		50	335	642	100	326	305	203	413	372	65	977	542	17	318	368
	4	2	291	284	100	215	127	89	180	146	65	575	330	9	140	165
		3	320	353	100	263	114	114	227	175	65	674	345	10	191	219
		5	320	392	100	263	140	114	227	175	65	712	345	10	191	219
		7.5	320	422	100	285	140	133	264	203	65	742	373	10	216	241
020-095	2	15	360	511	100	338	210	159	327	259	65	871	423	13	254	292
		20	360	511	100	338	254	159	327	259	65	871	423	13	254	292
		25	377	553	100	355	241	178	346	310	65	930	474	13	279	324
		30	377	594	100	355	279	178	367	334	65	971	498	13	279	324
		40	378	646	100	368	267	203	392	347	65	1024	512	17	318	368
		50	378	642	100	368	305	203	413	372	65	1020	536	17	318	368
		60	378	706	100	384	286	229	486	460	65	1084	624	17	356	432
		60	378	706	100	384	286	229	486	460	65	1084	624	17	356	432
	4	2	291	284	100	215	127	89	180	146	65	575	325	9	140	165
		3	320	353	100	263	114	114	227	175	65	674	340	10	191	219
		5	320	392	100	263	140	114	227	175	65	712	340	10	191	219
		7.5	320	422	100	285	140	133	264	203	65	742	368	10	216	241
020-110	4	5	320	392	100	263	140	114	227	175	65	712	352	10	191	219
		7.5	320	422	100	285	140	133	264	203	65	742	380	10	216	241
		10	320	460	100	285	178	133	264	203	65	781	380	10	216	241
		15	335	511	100	313	210	159	327	259	65	846	435	13	254	292
020-130	4	7.5	386	422	140	326	140	133	264	203	65	808	422	10	216	241
		10	386	460	140	326	178	133	264	203	65	846	422	10	216	241
		15	386	511	140	339	210	159	327	259	65	897	477	13	254	292
		20	386	511	140	339	254	159	327	259	65	897	477	13	254	292
		25	402	594	140	355	241	178	367	333	65	996	551	13	279	324

Pump size	Pole	P2 [hp]	Dimensions for NB pumps with TEFC motors, mounting design A [mm]													
			LP	AG	X	Q	2F	D	T	AB	B1	L11	W1	D3	2E	A*
025-070	2	7.5	320	422	140	285	140	133	264	203	65	742	345	10	216	241
		10	320	460	140	285	178	133	264	203	65	781	345	10	216	241
		15	335	511	140	313	210	159	327	259	65	846	400	13	254	292
		20	335	511	140	313	254	159	327	259	65	846	400	13	254	292
		25	323	553	140	301	241	178	346	310	65	876	451	13	279	324
		30	323	594	140	301	279	178	367	334	65	917	475	13	279	324
	4	1	291	284	140	215	102	89	180	146	65	575	288	9	140	165
		1.5	291	284	140	215	127	89	180	146	65	575	288	9	140	165
		2	291	284	140	215	127	89	180	146	65	575	288	9	140	165
		3	320	353	140	263	114	114	227	175	65	674	316	10	191	219
		5	320	392	140	263	140	114	227	175	65	712	316	10	191	219
025-095	2	25	377	553	100	344	241	178	346	310	80	930	496	13	279	324
		30	377	594	100	344	279	178	367	334	80	971	520	13	279	324
		40	378	646	100	358	267	203	392	347	80	1024	534	17	318	368
		50	378	642	100	358	305	203	413	372	80	1020	558	17	318	368
		60	378	706	100	374	286	229	486	460	80	1084	646	17	356	432
		75	378	706	100	374	311	229	486	460	80	1084	646	17	356	432
		75	378	706	100	374	311	229	486	460	80	1084	646	17	356	432
	4	3	320	353	100	252	114	114	227	175	80	674	367	10	191	219
		5	320	392	100	252	140	114	227	175	80	712	367	10	191	219
		7.5	320	422	100	275	140	133	264	203	80	742	390	10	216	241
		10	320	460	100	275	178	133	264	203	80	781	390	10	216	241
	6	1	291	284	100	204	102	89	180	146	80	575	367	9	140	165
		1.5	320	353	100	252	114	114	227	175	80	674	367	10	191	219
		2	320	392	100	252	140	114	227	175	80	712	367	10	191	219
		3	320	422	100	275	140	133	264	203	80	742	390	10	216	241
025-110	4	7.5	386	422	140	313	140	133	264	203	80	808	399	10	216	241
		10	386	460	140	313	178	133	264	203	80	846	399	10	216	241
		15	386	511	140	326	210	159	327	259	80	897	454	13	254	292
	6	2	386	392	140	291	140	114	227	175	80	777	376	10	191	219
		3	386	422	140	313	140	133	264	203	80	808	399	10	216	241
		5	386	460	140	313	178	133	264	203	80	846	399	10	216	241
030-070	2	15	335	511	140	313	210	159	327	259	65	846	424	13	254	292
		20	335	511	140	313	254	159	327	259	65	846	424	13	254	292
		25	323	553	140	301	241	178	346	310	65	876	475	13	279	324
		30	323	594	140	301	279	178	367	334	65	917	499	13	279	324
		40	335	646	140	326	267	203	392	347	65	981	512	17	318	368
	4	1.5	291	284	140	215	127	89	180	146	65	575	311	9	140	165
		2	291	284	140	215	127	89	180	146	65	575	311	9	140	165
		3	320	353	140	263	114	114	227	175	65	674	340	10	191	219
		5	320	392	140	263	140	114	227	175	65	712	340	10	191	219

Pump size	Pole	P2 [hp]	Dimensions for NB pumps with TEFC motors, mounting design A [mm]													
			LP	AG	X	Q	2F	D	T	AB	B1	L11	W1	D3	2E	A*
030-095	2	40	423	646	140	376	267	203	392	347	80	1069	556	17	318	368
		50	423	642	140	376	305	203	413	372	80	1065	580	17	318	368
		60	423	706	140	392	286	229	486	460	80	1129	669	17	356	432
		75	423	706	140	392	311	229	486	460	80	1129	669	17	356	432
		100	424	792	152	411	311	254	541	490	81	1217	699	20	406	508
		125	485	838	152	491	368	279	616	576	81	1324	785	20	457	559
	4	5	366	392	140	271	140	114	227	175	80	757	409	10	191	219
		7.5	366	422	140	293	140	133	264	203	80	788	412	10	216	241
		10	366	460	140	293	178	133	264	203	80	826	412	10	216	241
		15	380	511	140	321	210	159	327	259	80	891	467	13	254	292
	6	1.5	366	353	140	271	114	114	227	175	80	719	409	10	191	219
		2	366	392	140	271	140	114	227	175	80	757	409	10	191	219
		3	366	422	140	293	140	133	264	203	80	788	412	10	216	241
		5	366	460	140	293	178	133	264	203	80	826	412	10	216	241
030-110	4	10	386	460	140	313	178	133	264	203	80	846	407	10	216	241
		15	386	511	140	326	210	159	327	259	80	897	462	13	254	292
		20	386	511	140	326	254	159	327	259	80	897	462	13	254	292
	6	3	386	422	140	313	140	133	264	203	80	808	407	10	216	241
		5	386	460	140	313	178	133	264	203	80	846	407	10	216	241
		7.5	386	511	140	326	210	159	327	259	80	897	462	13	254	292
030-130	4	15	386	511	140	326	210	159	327	259	76	897	497	13	254	292
		20	386	511	140	326	254	159	327	259	76	897	497	13	254	292
		25	402	594	140	342	241	178	367	333	76	996	572	13	279	324
		30	402	594	140	342	279	178	367	333	76	996	572	13	279	324
		40	418	644	140	371	267	203	412	373	76	1062	611	17	318	368
	6	5	386	460	140	313	178	133	264	203	76	846	447	10	216	241
		7.5	386	511	140	326	210	159	327	259	76	897	497	13	254	292
		10	386	511	140	326	254	159	327	259	76	897	497	13	254	292
		15	402	594	140	342	241	178	367	333	76	996	572	13	279	324
040-070	2	20	360	511	140	313	254	159	327	259	65	871	439	13	254	292
		25	348	553	140	301	241	178	346	310	65	901	490	13	279	324
		30	348	594	140	301	279	178	367	334	65	942	514	13	279	324
		40	360	646	140	326	267	203	392	347	65	1007	528	17	318	368
		50	360	642	140	326	305	203	413	372	65	1003	552	17	318	368
	4	2	316	284	140	215	127	89	180	146	65	600	353	9	140	165
		3	345	353	140	263	114	114	227	175	65	699	356	10	191	219
		5	345	392	140	263	140	114	227	175	65	737	356	10	191	219
		7.5	345	422	140	285	140	133	264	203	65	768	384	10	216	241
	6	1	316	284	140	207	102	89	180	146	65	600	353	9	140	165
		1	316	284	140	215	102	89	180	146	65	600	353	9	140	165
		1.5	345	353	140	263	114	114	227	175	65	699	356	10	191	219
		2	345	392	140	263	140	114	227	175	65	737	356	10	191	219

Pump size	Pole	P2 [hp]	Dimensions for NB pumps with TEFC motors, mounting design A [mm]													
			LP	AG	X	Q	2F	D	T	AB	B1	L11	W1	D3	2E	A*
040-095	2	60	436	706	140	392	286	229	486	460	80	1142	686	17	356	432
		75	436	706	140	392	311	229	486	460	80	1142	686	17	356	432
		100	437	706	152	411	287	229	485	460	81	1143	699	20	406	508
		125	497	792	152	491	312	229	485	460	81	1289	785	20	457	559
	4	7.5	378	422	140	293	140	133	264	203	80	800	430	10	216	241
		10	378	460	140	293	178	133	264	203	80	838	430	10	216	241
		15	393	511	140	321	210	159	327	259	80	904	485	13	254	292
		20	393	511	140	321	254	159	327	259	80	904	485	13	254	292
	6	2	378	392	140	271	140	114	227	175	80	770	426	10	191	219
		3	378	422	140	293	140	133	264	203	80	800	430	10	216	241
		5	378	460	140	293	178	133	264	203	80	838	430	10	216	241
		7.5	393	511	140	321	210	159	327	259	80	904	485	13	254	292
040-110	4	15	399	511	140	326	210	159	327	259	80	910	485	13	254	292
		20	399	511	140	326	254	159	327	259	80	910	485	13	254	292
		25	415	594	140	342	241	178	367	333	80	1009	560	13	279	324
		30	415	594	140	342	279	178	367	333	80	1009	560	13	279	324
	6	3	399	422	140	313	140	133	264	203	80	821	430	10	216	241
		5	399	460	140	313	178	133	264	203	80	859	430	10	216	241
		7.5	399	511	140	326	210	159	327	259	80	910	485	13	254	292
		10	399	511	140	326	254	159	327	259	80	910	485	13	254	292
040-130	4	20	399	511	140	328	254	159	327	259	80	910	502	13	254	292
		25	415	594	140	344	241	178	367	333	80	1009	577	13	279	324
		30	415	594	140	344	279	178	367	333	80	1009	577	13	279	324
		40	431	644	140	373	267	203	412	373	80	1074	616	17	318	368
		50	431	644	140	373	305	203	412	373	80	1074	616	17	318	368
	6	5	399	460	140	315	178	133	264	203	80	859	450	10	216	241
		7.5	399	511	140	328	210	159	327	259	80	910	502	13	254	292
		10	399	511	140	328	254	159	327	259	80	910	502	13	254	292
		15	415	594	140	344	241	178	367	333	80	1009	577	13	279	324
050-070	2	25	348	553	140	289	241	178	346	310	80	901	525	13	279	324
		30	348	594	140	289	279	178	367	334	80	942	549	13	279	324
		40	360	646	140	313	267	203	392	347	80	1007	562	17	318	368
		50	360	642	140	313	305	203	413	372	80	1003	587	17	318	368
		60	360	706	140	329	286	229	486	460	80	1067	675	17	356	432
		75	360	706	140	329	311	229	486	460	80	1067	675	17	356	432
	4	3	345	353	140	251	114	114	227	175	80	699	395	10	191	219
		5	345	392	140	251	140	114	227	175	80	737	395	10	191	219
		7.5	345	422	140	273	140	133	264	203	80	768	418	10	216	241
		10	345	460	140	273	178	133	264	203	80	806	418	10	216	241
	6	1	316	284	140	202	102	89	180	146	80	600	395	9	140	165
		1	316	284	140	202	102	89	180	146	80	600	395	9	140	165
		1.5	345	353	140	251	114	114	227	175	80	699	395	10	191	219
		2	345	392	140	251	140	114	227	175	80	737	395	10	191	219
		3	345	422	140	273	140	133	264	203	80	768	418	10	216	241
050-095	4	10	404	460	140	318	178	133	264	203	80	864	439	10	216	241
		15	418	511	140	345	210	159	327	259	80	929	495	13	254	292
		20	418	511	140	345	254	159	327	259	80	929	495	13	254	292
		25	435	594	140	362	241	178	367	333	80	1029	569	13	279	324
		30	435	594	140	362	279	178	367	333	80	1029	569	13	279	324
	6	3	404	422	140	318	140	133	264	203	80	826	439	10	216	241
		5	404	460	140	318	178	133	264	203	80	864	439	10	216	241
		7.5	418	511	140	345	210	159	327	259	80	929	495	13	254	292
		10	418	511	140	345	254	159	327	259	80	929	495	13	254	292

Pump size	Pole	P2 [hp]	Dimensions for NB pumps with TEFC motors, mounting design A [mm]													
			LP	AG	X	Q	2F	D	T	AB	B1	L11	W1	D3	2E	A*
050-110	4	20	399	511	180	326	254	159	327	259	86	910	513	13	254	292
		25	415	594	180	342	241	178	367	333	86	1009	587	13	279	324
		30	415	594	180	342	279	178	367	333	86	1009	587	13	279	324
		40	431	644	180	371	267	203	412	373	86	1074	627	17	318	368
	6	5	399	460	180	313	178	133	264	203	86	859	461	10	216	241
		7.5	399	511	180	326	210	159	327	259	86	910	513	13	254	292
		10	399	511	180	326	254	159	327	259	86	910	513	13	254	292
		15	415	594	180	342	241	178	367	333	86	1009	587	13	279	324
050-130	4	25	413	594	180	325	241	178	367	333	100	1007	603	13	279	324
		30	413	594	180	325	279	178	367	333	100	1007	603	13	279	324
		40	445	644	180	370	267	203	412	373	100	1088	643	17	318	368
		50	445	644	180	370	305	203	412	373	100	1088	643	17	318	368
		60	445	706	180	386	286	229	485	460	100	1151	730	17	356	432
		75	445	706	180	386	311	229	485	460	100	1151	730	17	356	432
	6	10	413	511	180	325	254	159	327	259	100	924	529	13	254	292
		15	413	594	180	325	241	178	367	333	100	1007	603	13	279	324
		20	413	594	180	325	279	178	367	333	100	1007	603	13	279	324
060-095	4	15	437	511	180	330	210	159	327	259	100	948	559	13	254	292
		20	437	511	180	330	254	159	327	259	100	948	559	13	254	292
		25	454	594	180	347	241	178	367	333	100	1048	633	13	279	324
		30	454	594	180	347	279	178	367	333	100	1048	633	13	279	324
		40	455	644	180	361	267	203	412	373	100	1098	673	17	318	368
	6	5	423	460	180	303	178	133	264	203	100	883	550	10	216	241
		7.5	437	511	180	330	210	159	327	259	100	948	559	13	254	292
		10	437	511	180	330	254	159	327	259	100	948	559	13	254	292
		15	454	594	180	347	241	178	367	333	100	1048	633	13	279	324
060-110	4	30	432	594	180	325	279	178	367	333	100	1026	620	13	279	324
		40	464	644	180	370	267	203	412	373	100	1107	660	17	318	368
		50	464	644	180	370	305	203	412	373	100	1107	660	17	318	368
		60	464	706	180	386	286	229	485	460	100	1170	747	17	356	432
	6	7.5	432	511	180	325	210	159	327	259	100	943	546	13	254	292
		10	432	511	180	325	254	159	327	259	100	943	546	13	254	292
		15	432	594	180	325	241	178	367	333	100	1026	620	13	279	324
		20	432	594	180	325	279	178	367	333	100	1026	620	13	279	324

Dimensions for NB pumps with ODP motors, mounting design A

Dimensions in inch.

Pump size	Pole	P2 [hp]	Dimensions for NB pumps with ODP motors, mounting design A [inch]													
			LP	AG	X	Q	2F	D	T	AB	B1	L11	W1	D3	2E	A*
012-070	2	3	10.6	10.9	3.9	9.0	4.0	3.5	6.8	5.6	2.0	21.5	10.7	0.3	5.5	6.5
		5	11.7	12.4	3.9	10.9	4.0	3.5	6.8	5.6	2.0	24.1	11.8	0.4	5.5	6.5
		7.5	11.7	13.9	3.9	10.9	4.0	3.5	6.8	5.6	2.0	25.6	11.8	0.4	5.5	6.5
		7.5	11.7	13.9	3.9	10.9	5.0	3.5	6.8	5.6	2.0	25.6	11.8	0.4	5.5	6.5
		10	11.7	13.9	3.9	11.7	4.0	3.5	6.8	5.6	2.0	25.7	13.0	0.4	5.5	6.5
		15	11.7	15.1	3.9	11.7	4.0	3.5	6.8	5.6	2.0	26.8	13.0	0.4	5.5	6.5
		15	11.7	15.1	3.9	11.7	5.0	3.5	6.8	5.6	2.0	26.8	13.0	0.4	5.5	6.5
	4	1	10.6	9.5	3.9	8.7	5.0	3.5	6.8	5.6	2.0	20.1	9.8	0.3	5.5	6.5
		1	10.6	9.5	3.9	8.7	4.5	4.5	8.9	6.8	2.0	20.1	9.8	0.3	7.5	8.6
		1	10.6	9.5	3.9	9.0	4.0	3.5	6.8	5.6	2.0	20.1	10.7	0.3	5.5	6.5
		1.5	10.6	10.9	3.9	9.0	5.0	3.5	6.8	5.6	2.0	21.5	10.7	0.3	5.5	6.5
015-070	2	5	11.7	12.4	3.9	10.9	5.0	3.5	6.8	5.6	2.0	24.1	12.3	0.4	5.5	6.5
		7.5	11.7	13.9	3.9	10.9	4.5	4.5	8.9	6.8	2.0	25.6	12.3	0.4	7.5	8.6
		10	11.7	13.9	3.9	11.7	5.5	4.5	8.9	6.8	2.0	25.7	13.4	0.4	7.5	8.6
		15	11.7	15.1	3.9	11.7	5.0	3.5	6.8	5.6	2.0	26.8	13.4	0.4	5.5	6.5
		20	12.3	19.4	3.9	12.8	5.0	3.5	6.8	5.6	2.0	31.8	15.2	0.5	5.5	6.5
	4	1	10.6	9.5	3.9	8.6	4.5	4.5	8.9	6.8	2.0	20.1	10.2	0.3	7.5	8.6
		1	10.6	9.5	3.9	9.0	5.5	4.5	8.9	6.8	2.0	20.1	11.1	0.3	7.5	8.6
		1.5	10.6	10.9	3.9	9.0	4.0	3.5	8.9	6.8	2.0	21.5	11.1	0.3	5.5	8.6
		2	10.6	10.9	3.9	9.0	5.0	3.5	6.8	5.6	2.0	21.5	11.1	0.3	5.5	6.5
		3	11.7	12.4	3.9	10.9	4.5	4.5	8.9	6.8	2.0	24.1	12.3	0.4	7.5	8.6
015-090	2	15	12.6	15.1	3.9	11.2	5.5	4.5	8.9	6.8	2.6	27.7	14.2	0.4	7.5	8.6
		20	13.2	19.4	3.9	12.3	5.0	3.5	6.8	5.6	2.6	32.6	15.9	0.5	5.5	6.5
		25	13.2	19.4	3.9	12.3	4.5	4.5	8.9	6.8	2.6	32.6	15.9	0.5	7.5	8.6
		30	12.7	19.4	3.9	11.9	5.5	4.5	8.9	6.8	2.6	32.2	18.5	0.5	7.5	8.6
		40	12.7	19.4	3.9	11.9	5.5	5.3	10.0	7.9	2.6	32.2	18.5	0.5	8.5	9.5
	4	1.5	11.5	10.9	3.9	8.5	4.0	3.5	10.0	7.9	2.6	22.4	12.6	0.3	5.5	9.5
		2	11.5	10.9	3.9	8.5	5.0	3.5	6.8	5.6	2.6	22.4	12.6	0.3	5.5	6.5
		3	12.6	12.4	3.9	10.4	4.5	4.5	8.9	6.8	2.6	25.0	13.1	0.4	7.5	8.6
		5	12.6	13.9	3.9	10.4	5.5	4.5	8.9	6.8	2.6	26.5	13.1	0.4	7.5	8.6
015-095	2	15	12.6	15.1	3.9	11.2	5.5	5.3	10.0	7.9	2.6	27.7	14.6	0.4	8.5	9.5
		20	13.2	19.4	3.9	12.3	4.5	4.5	8.9	6.8	2.6	32.6	16.3	0.5	7.5	8.6
		25	13.2	19.4	3.9	12.3	5.5	4.5	8.9	6.8	2.6	32.6	16.3	0.5	7.5	8.6
		30	12.7	19.4	3.9	11.9	5.5	5.3	10.0	7.9	2.6	32.2	18.9	0.5	8.5	9.5
		40	12.7	19.4	3.9	11.9	7.0	5.3	10.0	7.9	2.6	32.2	18.9	0.5	8.5	9.5
		50	13.2	22.2	3.9	12.8	5.0	3.5	6.8	5.6	2.6	35.4	18.9	0.7	5.5	6.5
	4	2	11.5	10.9	3.9	8.5	4.5	4.5	8.9	6.8	2.6	22.4	13.0	0.3	7.5	8.6
		3	12.6	12.4	3.9	10.4	5.5	4.5	8.9	6.8	2.6	25.0	13.4	0.4	7.5	8.6
		5	12.6	13.9	3.9	10.4	5.5	5.3	10.0	7.9	2.6	26.5	13.4	0.4	8.5	9.5
		7.5	12.6	13.9	3.9	11.2	7.0	5.3	10.0	7.9	2.6	26.6	14.6	0.4	8.5	9.5

Pump size	Pole	P2 [hp]	Dimensions for NB pumps with ODP motors, mounting design A [inch]													
			LP	AG	X	Q	2F	D	T	AB	B1	L11	W1	D3	2E	A*
020-095	2	15	14.2	15.1	3.9	12.8	10.0	6.3	12.0	9.6	2.6	29.2	14.4	0.4	10.0	11.2
		20	14.2	19.4	3.9	13.3	9.5	7.0	13.6	12.2	2.6	33.6	16.1	0.5	11.0	12.3
		25	14.2	19.4	3.9	13.3	7.0	5.3	10.0	7.9	2.6	33.6	16.1	0.5	8.5	9.5
		30	14.8	19.4	3.9	14.0	8.3	6.3	12.0	9.6	2.6	34.3	18.7	0.5	10.0	11.2
		40	14.8	19.4	3.9	14.0	10.0	6.3	12.0	9.6	2.6	34.3	18.7	0.5	10.0	11.2
		50	14.9	22.2	3.9	14.5	9.5	7.0	13.6	12.2	2.6	37.1	18.7	0.7	11.0	12.3
		60	14.9	21.7	3.9	14.5	11.0	7.0	13.6	12.2	2.6	36.6	19.7	0.7	11.0	12.3
		60	14.9	21.7	3.9	14.5	8.3	6.3	12.0	9.6	2.6	36.6	19.7	0.7	10.0	11.2
	4	2	11.5	10.9	3.9	8.5	10.0	6.3	12.0	9.6	2.6	22.4	12.8	0.3	10.0	11.2
		3	12.6	12.4	3.9	10.4	9.5	7.0	13.6	12.2	2.6	25.0	13.2	0.4	11.0	12.3
		5	12.6	13.9	3.9	10.4	11.0	7.0	13.6	12.2	2.6	26.5	13.2	0.4	11.0	12.3
		7.5	12.6	13.9	3.9	11.2	10.5	8.0	14.6	12.2	2.6	26.6	14.4	0.4	12.5	14.3
020-110	4	5	12.6	13.9	3.9	10.4	4.5	4.5	8.9	6.8	2.6	26.5	13.7	0.4	7.5	8.6
		7.5	12.6	13.9	3.9	11.2	5.5	4.5	8.9	6.8	2.6	26.6	14.8	0.4	7.5	8.6
		10	12.6	15.1	3.9	11.2	5.5	5.3	10.0	7.9	2.6	27.7	14.8	0.4	8.5	9.5
		15	13.2	19.4	3.9	12.3	7.0	5.3	10.0	7.9	2.6	32.6	16.6	0.5	8.5	9.5
020-130	4	7.5	15.2	13.9	5.5	12.8	8.3	6.3	12.0	9.6	2.6	29.1	16.6	0.4	10.0	11.2
		10	15.2	15.1	5.5	12.8	5.5	4.5	8.9	6.8	2.6	30.3	16.6	0.4	7.5	8.6
		15	15.2	19.4	5.5	13.3	5.5	5.3	10.0	7.9	2.6	34.6	18.2	0.5	8.5	9.5
		20	15.2	19.4	5.5	13.3	7.0	5.3	10.0	7.9	2.6	34.6	18.2	0.5	8.5	9.5
		25	15.8	20.7	5.5	14.0	8.3	6.3	12.0	9.6	2.6	36.5	20.8	0.5	10.0	11.2
025-070	2	7.5	12.6	13.9	5.5	10.4	5.0	3.5	6.8	5.6	2.6	26.5	12.3	0.4	5.5	6.5
		10	12.6	13.9	5.5	11.2	5.0	3.5	6.8	5.6	2.6	26.6	13.5	0.4	5.5	6.5
		15	12.6	15.1	5.5	11.2	4.5	4.5	8.9	6.8	2.6	27.7	13.5	0.4	7.5	8.6
		20	13.2	19.4	5.5	12.3	5.5	4.5	8.9	6.8	2.6	32.6	15.2	0.5	7.5	8.6
		25	13.2	19.4	5.5	12.3	5.0	3.5	6.8	5.6	2.6	32.6	15.2	0.5	5.5	6.5
		30	12.7	19.4	5.5	11.9	4.5	4.5	8.9	6.8	2.6	32.2	17.8	0.5	7.5	8.6
	4	1	11.5	9.5	5.5	8.5	5.5	4.5	8.9	6.8	2.6	21.0	11.2	0.3	7.5	8.6
		1.5	11.5	10.9	5.5	8.5	5.5	5.3	10.0	7.9	2.6	22.4	11.2	0.3	8.5	9.5
		2	11.5	10.9	5.5	8.5	5.0	3.5	6.8	5.6	2.6	22.4	11.2	0.3	5.5	6.5
		3	12.6	12.4	5.5	10.4	4.5	4.5	8.9	6.8	2.6	25.0	12.3	0.4	7.5	8.6
		5	12.6	13.9	5.5	10.4	5.5	4.5	8.9	6.8	2.6	26.5	12.3	0.4	7.5	8.6
025-095	2	25	14.2	19.4	3.9	12.9	5.5	5.3	10.0	7.9	3.2	33.6	17.0	0.5	8.5	9.5
		30	14.8	19.4	3.9	13.5	5.0	3.5	6.8	5.6	3.2	34.3	19.6	0.5	5.5	6.5
		40	14.8	19.4	3.9	13.5	4.5	4.5	8.9	6.8	3.2	34.3	19.6	0.5	7.5	8.6
		50	14.9	22.2	3.9	14.1	5.5	4.5	8.9	6.8	3.2	37.1	19.6	0.7	7.5	8.6
		60	14.9	21.7	3.9	14.1	5.5	5.3	10.0	7.9	3.2	36.6	20.6	0.7	8.5	9.5
		75	14.9	22.3	3.9	14.7	4.5	4.5	8.9	6.8	3.2	37.2	19.9	0.7	7.5	8.6
		75	14.9	22.3	3.9	14.7	5.5	4.5	8.9	6.8	3.2	37.2	19.9	0.7	7.5	8.6
	4	3	12.6	12.4	3.9	9.9	5.5	5.3	10.0	7.9	3.2	25.0	14.4	0.4	8.5	9.5
		5	12.6	13.9	3.9	9.9	7.0	5.3	10.0	7.9	3.2	26.5	14.4	0.4	8.5	9.5
		7.5	12.6	13.9	3.9	10.8	4.5	4.5	8.9	6.8	3.2	26.6	15.2	0.4	7.5	8.6
		10	12.6	15.1	3.9	10.8	5.5	4.5	8.9	6.8	3.2	27.7	15.2	0.4	7.5	8.6
	6	1	11.5	10.9	3.9	8.1	5.5	5.3	10.0	7.9	3.2	22.4	14.4	0.3	8.5	9.5
		1.5	12.6	12.4	3.9	9.9	7.0	5.3	10.0	7.9	3.2	25.0	14.4	0.4	8.5	9.5
		2	12.6	13.9	3.9	9.9	5.5	4.5	8.9	6.8	3.2	26.5	14.4	0.4	7.5	8.6
		3	12.6	13.9	3.9	10.8	5.5	5.3	10.0	7.9	3.2	26.6	15.2	0.4	8.5	9.5
025-110	4	7.5	15.2	13.9	5.5	12.3	10.0	6.3	12.0	9.6	3.2	29.1	15.6	0.4	10.0	11.2
		10	15.2	15.1	5.5	12.3	9.5	7.0	13.6	12.2	3.2	30.3	15.6	0.4	11.0	12.3
		15	15.2	19.4	5.5	12.8	11.0	7.0	13.6	12.2	3.2	34.6	17.3	0.5	11.0	12.3
	6	2	15.2	13.9	5.5	11.5	10.5	8.0	14.6	12.2	3.2	29.1	14.8	0.4	12.5	14.3
		3	15.2	13.9	5.5	12.3	12.0	8.0	15.6	13.2	3.2	29.1	15.6	0.4	12.5	14.0
		5	15.2	15.1	5.5	12.3	11.3	9.0	16.6	12.6	3.2	30.3	15.6	0.4	14.0	15.8

Pump size	Pole	P2 [hp]	Dimensions for NB pumps with ODP motors, mounting design A [inch]													
			LP	AG	X	Q	2F	D	T	AB	B1	L11	W1	D3	2E	A*
030-070	2	15	12.6	15.1	5.5	11.2	8.3	6.3	12.0	9.6	2.6	27.7	14.4	0.4	10.0	11.2
		20	13.2	19.4	5.5	12.3	10.0	6.3	12.0	9.6	2.6	32.6	16.1	0.5	10.0	11.2
		25	13.2	19.4	5.5	12.3	9.5	7.0	13.6	12.2	2.6	32.6	16.1	0.5	11.0	12.3
		30	12.7	19.4	5.5	11.9	11.0	7.0	13.6	12.2	2.6	32.2	18.7	0.5	11.0	12.3
		40	12.7	19.4	5.5	11.9	7.0	5.3	10.0	7.9	2.6	32.2	18.7	0.5	8.5	9.5
	4	1.5	11.5	10.9	5.5	8.5	8.3	6.3	12.0	9.6	2.6	22.4	12.1	0.3	10.0	11.2
		2	11.5	10.9	5.5	8.5	10.0	6.3	12.0	9.6	2.6	22.4	12.1	0.3	10.0	11.2
		3	12.6	12.4	5.5	10.4	9.5	7.0	13.6	12.2	2.6	25.0	13.3	0.4	11.0	12.3
		5	12.6	13.9	5.5	10.4	8.3	6.3	12.0	9.6	2.6	26.5	13.3	0.4	10.0	11.2
030-095	2	40	16.6	19.4	5.5	14.3	10.0	6.3	12.0	9.6	3.2	36.1	20.4	0.5	10.0	11.2
		50	16.7	22.2	5.5	14.8	9.5	7.0	13.6	12.2	3.2	38.8	20.4	0.7	11.0	12.3
		60	16.7	21.7	5.5	14.8	11.0	7.0	13.6	12.2	3.2	38.3	21.4	0.7	11.0	12.3
		75	16.7	22.3	5.5	15.4	10.5	8.0	14.6	12.2	3.2	39.0	20.8	0.7	12.5	14.3
		100	16.7	25.0	6.0	15.4	12.3	9.0	18.5	12.6	3.2	41.7	20.8	0.7	14.0	15.7
		125	19.1	27.8	6.0	16.2	13.8	10.0	21.3	16.4	3.2	46.9	24.6	0.8	16	18.5
	4	5	14.4	13.9	5.5	10.7	7.0	5.3	10.0	7.9	3.2	28.3	16.1	0.4	8.5	9.5
		7.5	14.4	13.9	5.5	11.5	8.3	6.3	12.0	9.6	3.2	28.3	16.1	0.4	10.0	11.2
		10	14.4	15.1	5.5	11.5	10.0	6.3	12.0	9.6	3.2	29.5	16.1	0.4	10.0	11.2
		15	15.0	19.4	5.5	12.6	9.5	7.0	13.6	12.2	3.2	34.4	17.9	0.5	11.0	12.3
	6	1.5	14.4	12.4	5.5	10.7	11.0	7.0	13.6	12.2	3.2	26.8	16.1	0.4	11.0	12.3
		2	14.4	13.9	5.5	10.7	7.0	5.3	10.0	7.9	3.2	28.3	16.1	0.4	8.5	9.5
		3	14.4	13.9	5.5	11.5	8.3	6.3	12.0	9.6	3.2	28.3	16.1	0.4	10.0	11.2
		5	14.4	15.1	5.5	11.5	10.0	6.3	12.0	9.6	3.2	29.5	16.1	0.4	10.0	11.2
030-110	4	10	15.2	15.1	5.5	12.3	7.0	5.3	10.0	7.9	3.2	30.3	15.9	0.4	8.5	9.5
		15	15.2	19.4	5.5	12.8	8.3	6.3	12.0	9.6	3.2	34.6	17.7	0.5	10.0	11.2
		20	15.2	19.4	5.5	12.8	5.5	4.5	8.9	6.8	3.2	34.6	17.7	0.5	7.5	8.6
	6	3	15.2	13.9	5.5	12.3	5.5	5.3	10.0	7.9	3.2	29.1	15.9	0.4	8.5	9.5
		5	15.2	15.1	5.5	12.3	7.0	5.3	10.0	7.9	3.2	30.3	15.9	0.4	8.5	9.5
		7.5	15.2	19.4	5.5	12.8	8.3	6.3	12.0	9.6	3.2	34.6	17.7	0.5	10.0	11.2
030-130	4	15	15.2	19.4	5.5	12.8	5.5	5.3	10.0	7.9	3.0	34.6	19.0	0.5	8.5	9.5
		20	15.2	19.4	5.5	12.8	7.0	5.3	10.0	7.9	3.0	34.6	19.0	0.5	8.5	9.5
		25	15.8	20.7	5.5	13.5	8.3	6.3	12.0	9.6	3.0	36.5	21.6	0.5	10.0	11.2
		30	15.8	21.7	5.5	13.5	10.0	6.3	12.0	9.6	3.0	37.5	21.6	0.5	10.0	11.2
		40	16.5	22.1	5.5	14.6	5.5	5.3	10.0	7.9	3.0	38.6	21.6	0.7	8.5	9.5
	6	5	15.2	15.1	5.5	12.3	7.0	5.3	10.0	7.9	3.0	30.3	17.6	0.4	8.5	9.5
		7.5	15.2	19.4	5.5	12.8	8.3	6.3	12.0	9.6	3.0	34.6	19.0	0.5	10.0	11.2
		10	15.2	19.4	5.5	12.8	10.0	6.3	12.0	9.6	3.0	34.6	19.0	0.5	10.0	11.2
		15	15.8	20.7	5.5	13.5	7.0	5.3	10.0	7.9	3.0	36.5	21.6	0.5	8.5	9.5
040-070	2	20	14.2	19.4	5.5	12.3	10.5	8.0	14.6	12.2	2.6	33.6	16.8	0.5	12.5	14.3
		25	14.2	19.4	5.5	12.3	12.0	8.0	15.6	13.2	2.6	33.6	16.8	0.5	12.5	14.0
		30	13.7	19.4	5.5	11.9	11.3	9.0	16.6	12.6	2.6	33.2	19.3	0.5	14.0	15.8
		40	13.7	19.4	5.5	11.9	12.0	8.0	15.6	13.2	2.6	33.2	19.3	0.5	12.5	14.0
		50	14.2	22.2	5.5	12.8	11.3	9.0	16.6	12.6	2.6	36.4	19.3	0.7	14.0	15.8
	4	2	12.5	10.9	5.5	8.5	5.5	4.5	8.9	6.8	2.6	23.4	13.9	0.3	7.5	8.6
		3	13.6	12.4	5.5	10.4	5.5	5.3	10.0	7.9	2.6	26.0	13.9	0.4	8.5	9.5
		5	13.6	13.9	5.5	10.4	7.0	5.3	10.0	7.9	2.6	27.5	13.9	0.4	8.5	9.5
		7.5	13.6	13.9	5.5	11.2	8.3	6.3	12.0	9.6	2.6	27.6	15.0	0.4	10.0	11.2
	6	1	12.5	10.9	5.5	8.2	5.5	4.5	8.9	6.8	2.6	23.4	13.9	0.3	7.5	8.6
		1	12.5	10.9	5.5	8.5	5.5	5.3	10.0	7.9	2.6	23.4	13.9	0.3	8.5	9.5
		1.5	13.6	12.4	5.5	10.4	7.0	5.3	10.0	7.9	2.6	26.0	13.9	0.4	8.5	9.5
		2	13.6	13.9	5.5	10.4	5.5	5.3	10.0	7.9	2.6	27.5	13.9	0.4	8.5	9.5

Pump size	Pole	P2 [hp]	Dimensions for NB pumps with ODP motors, mounting design A [inch]													
			LP	AG	X	Q	2F	D	T	AB	B1	L11	W1	D3	2E	A*
040-095	2	60	17.2	21.7	5.5	14.8	7.0	5.3	10.0	7.9	3.2	38.8	22.1	0.7	8.5	9.5
		75	17.2	22.3	5.5	15.4	8.3	6.3	12.0	9.6	3.2	39.5	21.5	0.7	10.0	11.2
		100	17.2	27.8	6.0	16.2	11.3	9.0	19.1	18.1	3.2	45.0	27.5	0.8	16.0	20
		125	19.6	31.2	6.0	19.3	12.3	9.0	19.1	18.1	3.2	50.8	30.9	0.8	18.0	22
	4	7.5	14.9	13.9	5.5	11.5	5.5	5.3	10.0	7.9	3.2	28.8	16.8	0.4	8.5	9.5
		10	14.9	15.1	5.5	11.5	7.0	5.3	10.0	7.9	3.2	30.0	16.8	0.4	8.5	9.5
		15	15.5	19.4	5.5	12.6	8.3	6.3	12.0	9.6	3.2	34.9	18.6	0.5	10.0	11.2
		20	15.5	19.4	5.5	12.6	7.0	5.3	10.0	7.9	3.2	34.9	18.6	0.5	8.5	9.5
	6	2	14.9	13.9	5.5	10.7	8.3	6.3	12.0	9.6	3.2	28.8	16.8	0.4	10.0	11.2
		3	14.9	13.9	5.5	11.5	10.0	6.3	12.0	9.6	3.2	28.8	16.8	0.4	10.0	11.2
		5	14.9	15.1	5.5	11.5	5.5	5.3	10.0	7.9	3.2	30.0	16.8	0.4	8.5	9.5
		7.5	15.5	19.4	5.5	12.6	7.0	5.3	10.0	7.9	3.2	34.9	18.6	0.5	8.5	9.5
040-110	4	15	15.7	19.4	5.5	12.8	9.5	7.0	13.6	12.2	3.2	35.1	18.6	0.5	11.0	12.3
		20	15.7	19.4	5.5	12.8	11.0	7.0	13.6	12.2	3.2	35.1	18.6	0.5	11.0	12.3
		25	16.3	20.7	5.5	13.5	10.5	8.0	14.6	12.2	3.2	37.0	21.1	0.5	12.5	14.3
		30	16.3	21.7	5.5	13.5	7.0	5.3	10.0	7.9	3.2	38.0	21.1	0.5	8.5	9.5
	6	3	15.7	13.9	5.5	12.3	8.3	6.3	12.0	9.6	3.2	29.6	16.8	0.4	10.0	11.2
		5	15.7	15.1	5.5	12.3	10.0	6.3	12.0	9.6	3.2	30.8	16.8	0.4	10.0	11.2
		7.5	15.7	19.4	5.5	12.8	9.5	7.0	13.6	12.2	3.2	35.1	18.6	0.5	11.0	12.3
		10	15.7	19.4	5.5	12.8	11.0	7.0	13.6	12.2	3.2	35.1	18.6	0.5	11.0	12.3
040-130	4	20	15.7	19.4	5.5	12.9	10.5	8.0	14.6	12.2	3.2	35.1	19.2	0.5	12.5	14.3
		25	16.3	20.7	5.5	13.5	12.0	8.0	15.6	13.2	3.2	37.0	21.8	0.5	12.5	14.0
		30	16.3	21.7	5.5	13.5	10.0	6.3	12.0	9.6	3.2	38.0	21.8	0.5	10.0	11.2
		40	17.0	22.1	5.5	14.7	9.5	7.0	13.6	12.2	3.2	39.1	21.8	0.7	11.0	12.3
		50	17.0	23.7	5.5	14.7	11.0	7.0	13.6	12.2	3.2	40.7	22.8	0.7	11.0	12.3
	6	5	15.7	15.1	5.5	12.4	10.5	8.0	14.6	12.2	3.2	30.8	17.7	0.4	12.5	14.3
		7.5	15.7	19.4	5.5	12.9	12.0	8.0	15.6	13.2	3.2	35.1	19.2	0.5	12.5	14.0
		10	15.7	19.4	5.5	12.9	11.3	9.0	16.6	12.6	3.2	35.1	19.2	0.5	14.0	15.8
		15	16.3	20.7	5.5	13.5	11.0	7.0	13.6	12.2	3.2	37.0	21.8	0.5	11.0	12.3
050-070	2	25	14.2	19.4	5.5	11.8	11.0	7.0	13.6	12.2	3.2	33.6	18.1	0.5	11.0	12.3
		30	13.7	19.4	5.5	11.4	11.0	7.0	13.6	12.2	3.2	33.2	20.7	0.5	11.0	12.3
		40	13.7	19.4	5.5	11.4	10.5	8.0	14.6	12.2	3.2	33.2	20.7	0.5	12.5	14.3
		50	14.2	22.2	5.5	12.3	12.0	8.0	15.6	13.2	3.2	36.4	20.7	0.7	12.5	14.0
		60	14.2	21.7	5.5	12.3	11.3	9.0	16.6	13.2	3.2	35.9	21.7	0.7	14.0	15.8
		75	14.2	22.3	5.5	13.0	5.5	5.3	10.0	7.9	3.2	36.5	21.0	0.7	8.5	9.5
	4	3	13.6	12.4	5.5	9.9	7.0	5.3	10.0	7.9	3.2	26.0	15.6	0.4	8.5	9.5
		5	13.6	13.9	5.5	9.9	8.3	6.3	12.0	9.6	3.2	27.5	15.6	0.4	10.0	11.2
		7.5	13.6	13.9	5.5	10.7	10.0	6.3	12.0	9.6	3.2	27.6	16.4	0.4	10.0	11.2
		10	13.6	15.1	5.5	10.7	9.5	7.0	13.6	12.2	3.2	28.7	16.4	0.4	11.0	12.3
	6	1	12.5	10.9	5.5	7.7	7.0	5.3	10.0	7.9	3.2	23.4	15.6	0.3	8.5	9.5
		1	12.5	10.9	5.5	8.0	8.3	6.3	12.0	9.6	3.2	23.4	15.6	0.3	10.0	11.2
		1.5	13.6	12.4	5.5	9.9	10.0	6.3	12.0	9.6	3.2	26.0	15.6	0.4	10.0	11.2
		2	13.6	13.9	5.5	9.9	9.5	7.0	13.6	12.2	3.2	27.5	15.6	0.4	11.0	12.3
		3	13.6	13.9	5.5	10.7	8.3	6.3	12.0	9.6	3.2	27.6	16.4	0.4	10.0	11.2
050-095	4	10	15.9	15.1	5.5	12.5	10.0	6.3	12.0	9.6	3.2	31.0	17.2	0.4	10.0	11.2
		15	16.5	19.4	5.5	13.6	9.5	7.0	13.6	12.2	3.2	35.9	18.9	0.5	11.0	12.3
		20	16.5	19.4	5.5	13.6	11.0	7.0	13.6	12.2	3.2	35.9	18.9	0.5	11.0	12.3
		25	17.1	20.7	5.5	14.3	10.5	8.0	14.6	12.2	3.2	37.8	21.5	0.5	12.5	14.3
		30	17.1	21.7	5.5	14.3	7.0	5.3	10.0	7.9	3.2	38.8	21.5	0.5	8.5	9.5
	6	3	15.9	13.9	5.5	12.5	8.3	6.3	12.0	9.6	3.2	29.8	17.2	0.4	10.0	11.2
		5	15.9	15.1	5.5	12.5	10.0	6.3	12.0	9.6	3.2	31.0	17.2	0.4	10.0	11.2
		7.5	16.5	19.4	5.5	13.6	9.5	7.0	13.6	12.2	3.2	35.9	18.9	0.5	11.0	12.3
		10	16.5	19.4	5.5	13.6	10.0	6.3	12.0	9.6	3.2	35.9	18.9	0.5	10.0	11.2

Pump size	Pole	P2 [hp]	Dimensions for NB pumps with ODP motors, mounting design A [inch]													
			LP	AG	X	Q	2F	D	T	AB	B1	L11	W1	D3	2E	A*
050-110	4	20	15.7	19.4	7.1	12.8	8.3	6.3	12.0	9.6	3.4	35.1	19.6	0.5	10.0	11.2
		25	16.3	20.7	7.1	13.5	10.0	6.3	12.0	9.6	3.4	37.0	22.2	0.5	10.0	11.2
		30	16.3	21.7	7.1	13.5	8.3	6.3	12.0	9.6	3.4	38.0	22.2	0.5	10.0	11.2
		40	17.0	22.1	7.1	14.6	10.0	6.3	12.0	9.6	3.4	39.1	22.2	0.7	10.0	11.2
	6	5	15.7	15.1	7.1	12.3	9.5	7.0	13.6	12.2	3.4	30.8	18.1	0.4	11.0	12.3
		7.5	15.7	19.4	7.1	12.8	11.0	7.0	13.6	12.2	3.4	35.1	19.6	0.5	11.0	12.3
		10	15.7	19.4	7.1	12.8	7.0	5.3	10.0	7.9	3.4	35.1	19.6	0.5	8.5	9.5
		15	16.3	20.7	7.1	13.5	8.3	6.3	12.0	9.6	3.4	37.0	22.2	0.5	10.0	11.2
050-130	4	25	16.3	20.7	7.1	12.8	10.0	6.3	12.0	9.6	3.9	36.9	22.8	0.5	10.0	11.2
		30	16.3	21.7	7.1	12.8	9.5	7.0	13.6	12.2	3.9	37.9	22.8	0.5	11.0	12.3
		40	17.5	22.1	7.1	14.6	10.0	6.3	12.0	9.6	3.9	39.6	22.9	0.7	10.0	11.2
		50	17.5	23.7	7.1	14.6	9.5	7.0	13.6	12.2	3.9	41.2	23.9	0.7	11.0	12.3
		60	17.5	25.1	7.1	15.2	11.0	7.0	13.6	12.2	3.9	42.6	23.8	0.7	11.0	12.3
		75	17.5	28.1	7.1	15.2	10.5	8.0	14.6	12.2	3.9	45.6	24.6	0.7	12.5	14.3
	6	10	16.3	19.4	7.1	12.8	8.3	6.3	12.0	9.6	3.9	35.7	20.5	0.5	10.0	11.2
		15	16.3	20.7	7.1	12.8	10.0	6.3	12.0	9.6	3.9	36.9	22.8	0.5	10.0	11.2
		20	16.3	21.7	7.1	12.8	9.5	7.0	13.6	12.2	3.9	37.9	22.8	0.5	11.0	12.3
060-095	4	15	17.2	19.4	7.1	13.0	11.0	7.0	13.6	12.2	3.9	36.7	21.7	0.5	11.0	12.3
		20	17.2	19.4	7.1	13.0	10.5	8.0	14.6	12.2	3.9	36.7	21.7	0.5	12.5	14.3
		25	17.9	20.7	7.1	13.7	12.0	8.0	15.6	13.2	3.9	38.6	24.0	0.5	12.5	14.0
		30	17.9	21.7	7.1	13.7	11.3	9.0	16.6	13.2	3.9	39.6	24.0	0.5	14.0	15.8
		40	17.9	22.1	7.1	14.2	12.3	9.0	17.4	14.0	3.9	40.0	24.0	0.7	14.0	17.0
	6	5	16.6	15.1	7.1	11.9	7.0	5.3	10.0	7.9	3.9	31.7	21.7	0.4	8.5	9.5
		7.5	17.2	19.4	7.1	13.0	8.3	6.3	12.0	9.6	3.9	36.7	21.7	0.5	10.0	11.2
		10	17.2	19.4	7.1	13.0	10.0	6.3	12.0	9.6	3.9	36.7	21.7	0.5	10.0	11.2
		15	17.9	20.7	7.1	13.7	9.5	7.0	13.6	12.2	3.9	38.6	24.0	0.5	11.0	12.3
060-110	4	30	17.0	21.7	7.1	12.8	9.5	7.0	13.6	12.2	3.9	38.7	23.5	0.5	11.0	12.3
		40	18.3	22.1	7.1	14.6	11.0	7.0	13.6	12.2	3.9	40.4	23.5	0.7	11.0	12.3
		50	18.3	23.7	7.1	14.6	10.5	8.0	14.6	12.2	3.9	42.0	24.5	0.7	12.5	14.3
		60	18.3	25.1	7.1	15.2	12.0	8.0	15.6	13.2	3.9	43.3	24.5	0.7	12.5	14.0
	6	7.5	17.0	19.4	7.1	12.8	10.0	6.3	12.0	9.6	3.9	36.4	21.1	0.5	10.0	11.2
		10	17.0	19.4	7.1	12.8	9.5	7.0	13.6	12.2	3.9	36.4	21.1	0.5	11.0	12.3
		15	17.0	20.7	7.1	12.8	11.0	7.0	13.6	12.2	3.9	37.7	23.5	0.5	11.0	12.3
		20	17.0	21.7	7.1	12.8	9.5	7.0	13.6	12.2	3.9	38.7	23.5	0.5	11.0	12.3

Dimensions in mm.

Pump size	Pole	P2 [hp]	Dimensions for NB pumps with ODP motors, mounting design A [mm]													
			LP	AG	X	Q	2F	D	T	AB	B1	L11	W1	D3	2E	A*
012-070	2	3	269	277	100	228	102	89	172	143	50	545	272	9	140	165
		5	298	314	100	276	102	89	172	143	50	612	300	10	140	165
		7.5	298	353	100	276	102	89	172	143	50	650	300	10	140	165
		7.5	298	353	100	276	127	89	173	143	50	650	300	10	140	165
		10	298	354	100	298	102	89	173	143	50	652	329	10	140	165
		15	298	383	100	298	102	89	172	143	50	680	329	10	140	165
		15	298	383	100	298	127	89	173	143	50	680	329	10	140	165
	4	1	269	242	100	220	127	89	173	143	50	510	249	9	140	165
		1	269	242	100	220	114	114	227	171	50	510	249	9	191	219
		1	269	242	100	228	102	89	172	143	50	510	272	9	140	165
		1.5	269	277	100	228	127	89	173	143	50	545	272	9	140	165

Pump size	Pole	P2 [hp]	Dimensions for NB pumps with ODP motors, mounting design A [mm]													
			LP	AG	X	Q	2F	D	T	AB	B1	L11	W1	D3	2E	A*
015-070	2	5	298	314	100	276	127	89	173	143	50	612	311	10	140	165
		7.5	298	353	100	276	114	114	227	171	50	650	311	10	191	219
		10	298	354	100	298	140	114	227	171	50	652	340	10	191	219
		15	298	383	100	298	127	89	173	143	50	680	340	10	140	165
		20	313	494	100	325	127	89	173	143	50	807	385	13	140	165
	4	1	269	242	100	219	114	114	227	171	50	510	260	9	191	219
		1	269	242	100	228	140	114	227	171	50	510	283	9	191	219
		1.5	269	277	100	228	102	89	227	171	50	545	283	9	140	219
		2	269	277	100	228	127	89	173	143	50	545	283	9	140	165
		3	298	314	100	276	114	114	227	171	50	612	311	10	191	219
015-090	2	15	320	383	100	285	140	114	227	171	65	703	360	10	191	219
		20	335	494	100	313	127	89	173	143	65	829	405	13	140	165
		25	335	494	100	313	114	114	227	171	65	829	405	13	191	219
		30	323	494	100	301	140	114	227	171	65	817	470	13	191	219
		40	323	494	100	301	140	133	255	200	65	817	470	13	216	241
	4	1.5	291	277	100	215	102	89	255	200	65	568	320	9	140	241
		2	291	277	100	215	127	89	173	143	65	568	320	9	140	165
		3	320	314	100	263	114	114	227	171	65	634	331	10	191	219
		5	320	353	100	263	140	114	227	171	65	673	331	10	191	219
015-095	2	15	320	383	100	285	140	133	255	200	65	703	370	10	216	241
		20	335	494	100	313	114	114	227	171	65	829	415	13	191	219
		25	335	494	100	313	140	114	227	171	65	829	415	13	191	219
		30	323	494	100	301	140	133	255	200	65	817	480	13	216	241
		40	323	494	100	301	178	133	255	200	65	817	480	13	216	241
		50	335	563	100	326	127	89	173	143	65	898	480	17	140	165
	4	2	291	277	100	215	114	114	227	171	65	568	330	9	191	219
		3	320	314	100	263	140	114	227	171	65	634	341	10	191	219
		5	320	353	100	263	140	133	255	200	65	673	341	10	216	241
		7.5	320	354	100	285	178	133	255	200	65	674	370	10	216	241
020-095	2	15	360	383	100	325	254	159	305	245	65	743	365	10	254	283
		20	360	494	100	338	241	178	346	310	65	854	409	13	279	311
		25	360	494	100	338	178	133	255	200	65	854	409	13	216	241
		30	377	494	100	355	210	159	305	245	65	870	475	13	254	283
		40	377	494	100	355	254	159	305	245	65	870	475	13	254	283
		50	378	563	100	368	241	178	346	310	65	941	475	17	279	311
		60	378	551	100	368	279	178	346	310	65	929	500	17	279	311
		60	378	551	100	368	210	159	305	245	65	929	500	17	254	283
	4	2	291	277	100	215	254	159	305	245	65	568	325	9	254	283
		3	320	314	100	263	241	178	346	310	65	634	336	10	279	311
		5	320	353	100	263	279	178	346	310	65	673	336	10	279	311
		7.5	320	354	100	285	267	203	372	310	65	674	365	10	318	362
020-110	4	5	320	353	100	263	114	114	227	171	65	673	348	10	191	219
		7.5	320	354	100	285	140	114	227	171	65	674	377	10	191	219
		10	320	383	100	285	140	133	255	200	65	703	377	10	216	241
		15	335	494	100	313	178	133	255	200	65	829	422	13	216	241
020-130	4	7.5	386	354	140	326	210	159	305	245	65	740	422	10	254	283
		10	386	383	140	326	140	114	227	171	65	769	422	10	191	219
		15	386	494	140	339	140	133	255	200	65	880	463	13	216	241
		20	386	494	140	339	178	133	255	200	65	880	463	13	216	241
		25	402	526	140	355	210	159	305	245	65	927	528	13	254	283

Pump size	Pole	P2 [hp]	Dimensions for NB pumps with ODP motors, mounting design A [mm]													
			LP	AG	X	Q	2F	D	T	AB	B1	L11	W1	D3	2E	A*
025-070	2	7.5	320	353	140	263	127	89	173	143	65	673	313	10	140	165
		10	320	354	140	285	127	89	173	143	65	674	342	10	140	165
		15	320	383	140	285	114	114	227	171	65	703	342	10	191	219
		20	335	494	140	313	140	114	227	171	65	829	386	13	191	219
		25	335	494	140	313	127	89	173	143	65	829	386	13	140	165
		30	323	494	140	301	114	114	227	171	65	817	452	13	191	219
	4	1	291	242	140	215	140	114	227	171	65	533	284	9	191	219
		1.5	291	277	140	215	140	133	255	200	65	568	284	9	216	241
		2	291	277	140	215	127	89	173	143	65	568	284	9	140	165
		3	320	314	140	263	114	114	227	171	65	634	313	10	191	219
		5	320	353	140	263	140	114	227	171	65	673	313	10	191	219
025-095	2	25	360	494	100	327	140	133	255	200	80	854	431	13	216	241
		30	377	494	100	344	127	89	173	143	80	870	497	13	140	165
		40	377	494	100	344	114	114	227	171	80	870	497	13	191	219
		50	378	563	100	358	140	114	227	171	80	941	497	17	191	219
		60	378	551	100	358	140	133	255	200	80	929	522	17	216	241
		75	378	567	100	374	114	114	227	171	80	944	506	17	191	219
		75	378	567	100	374	140	114	227	171	80	944	506	17	191	219
	4	3	320	314	100	252	140	133	255	200	80	634	367	10	216	241
		5	320	353	100	252	178	133	255	200	80	673	367	10	216	241
		7.5	320	354	100	275	114	114	227	171	80	674	387	10	191	219
		10	320	383	100	275	140	114	227	171	80	703	387	10	191	219
	6	1	291	277	100	204	140	133	255	200	80	568	367	9	216	241
		1.5	320	314	100	252	178	133	255	200	80	634	367	10	216	241
		2	320	353	100	252	140	114	227	171	80	673	367	10	191	219
		3	320	354	100	275	140	133	255	200	80	674	387	10	216	241
025-110	4	7.5	386	354	140	313	254	159	305	245	80	740	396	10	254	283
		10	386	383	140	313	241	178	346	310	80	769	396	10	279	311
		15	386	494	140	326	279	178	346	310	80	880	440	13	279	311
	6	2	386	353	140	291	267	203	372	310	80	738	376	10	318	362
		3	386	354	140	313	305	203	396	336	80	740	396	10	318	356
		5	386	383	140	313	286	229	421	319	80	769	396	10	356	400
030-070	2	15	320	383	140	285	210	159	305	245	65	703	365	10	254	283
		20	335	494	140	313	254	159	305	245	65	829	410	13	254	283
		25	335	494	140	313	241	178	346	310	65	829	410	13	279	311
		30	323	494	140	301	279	178	346	310	65	817	475	13	279	311
		40	323	494	140	301	178	133	255	200	65	817	475	13	216	241
	4	1.5	291	277	140	215	210	159	305	245	65	568	308	9	254	283
		2	291	277	140	215	254	159	305	245	65	568	308	9	254	283
		3	320	314	140	263	241	178	346	310	65	634	337	10	279	311
		5	320	353	140	263	210	159	305	245	65	673	337	10	254	283

Pump size	Pole	P2 [hp]	Dimensions for NB pumps with ODP motors, mounting design A [mm]													
			LP	AG	X	Q	2F	D	T	AB	B1	L11	W1	D3	2E	A*
030-095	2	40	422	494	140	362	254	159	305	245	80	916	519	13	254	283
		50	423	563	140	376	241	178	346	310	80	986	519	17	279	311
		60	423	551	140	376	279	178	346	310	80	974	544	17	279	311
		75	423	567	140	392	267	203	372	311	80	990	528	17	318	362
		100	424	635	152	391	311	229	470	319	81	1059	528	18	356	399
		125	485	705	152	411	349	254	541	417	81	1190	625	20	406	470
	4	5	366	353	140	271	178	133	255	200	80	718	409	10	216	241
		7.5	366	354	140	293	210	159	305	245	80	720	409	10	254	283
		10	366	383	140	293	254	159	305	245	80	748	409	10	254	283
		15	380	494	140	321	241	178	346	310	80	874	454	13	279	311
	6	1.5	366	314	140	271	279	178	346	310	80	680	409	10	279	311
		2	366	353	140	271	178	133	255	200	80	718	409	10	216	241
		3	366	354	140	293	210	159	305	245	80	720	409	10	254	283
		5	366	383	140	293	254	159	305	245	80	748	409	10	254	283
030-110	4	10	386	383	140	313	178	133	255	200	80	769	404	10	216	241
		15	386	494	140	326	210	159	305	245	80	880	449	13	254	283
		20	386	494	140	326	140	114	227	171	80	880	449	13	191	219
	6	3	386	354	140	313	140	133	255	200	80	740	404	10	216	241
		5	386	383	140	313	178	133	255	200	80	769	404	10	216	241
		7.5	386	494	140	326	210	159	305	245	80	880	449	13	254	283
030-130	4	15	386	494	140	326	140	133	255	200	76	880	483	13	216	241
		20	386	494	140	326	178	133	255	200	76	880	483	13	216	241
		25	402	526	140	342	210	159	305	245	76	927	549	13	254	283
		30	402	551	140	342	254	159	305	245	76	953	549	13	254	283
		40	418	561	140	371	140	133	255	200	76	979	549	17	216	241
	6	5	386	383	140	313	178	133	255	200	76	769	447	10	216	241
		7.5	386	494	140	326	210	159	305	245	76	880	483	13	254	283
		10	386	494	140	326	254	159	305	245	76	880	483	13	254	283
		15	402	526	140	342	178	133	255	200	76	927	549	13	216	241
040-070	2	20	360	494	140	313	267	203	372	310	65	854	425	13	318	362
		25	360	494	140	313	305	203	396	336	65	854	425	13	318	356
		30	348	494	140	301	286	229	421	319	65	842	491	13	356	400
		40	348	494	140	301	305	203	396	336	65	842	491	13	318	356
		50	360	563	140	326	286	229	421	319	65	924	491	17	356	400
	4	2	316	277	140	215	140	114	227	171	65	593	353	9	191	219
		3	345	314	140	263	140	133	255	200	65	660	353	10	216	241
		5	345	353	140	263	178	133	255	200	65	698	353	10	216	241
		7.5	345	354	140	285	210	159	305	245	65	700	381	10	254	283
	6	1	316	277	140	207	140	114	227	171	65	593	353	9	191	219
		1	316	277	140	215	140	133	255	200	65	593	353	9	216	241
		1.5	345	314	140	263	178	133	255	200	65	660	353	10	216	241
		2	345	353	140	263	140	133	255	200	65	698	353	10	216	241

Pump size	Pole	P2 [hp]	Dimensions for NB pumps with ODP motors, mounting design A [mm]													
			LP	AG	X	Q	2F	D	T	AB	B1	L11	W1	D3	2E	A*
040-095	2	60	436	551	140	376	178	133	255	200	80	987	562	17	216	241
		75	436	567	140	392	210	159	305	245	80	1002	546	17	254	283
		100	437	706	152	411	287	229	485	460	81	1143	699	20	406	508
		125	497	792	152	491	312	229	485	460	81	1289	785	20	457	559
	4	7.5	378	354	140	293	140	133	255	200	80	732	426	10	216	241
		10	378	383	140	293	178	133	255	200	80	761	426	10	216	241
		15	393	494	140	321	210	159	305	245	80	887	471	13	254	283
		20	393	494	140	321	178	133	255	200	80	887	471	13	216	241
	6	2	378	353	140	271	210	159	305	245	80	731	426	10	254	283
		3	378	354	140	293	254	159	305	245	80	732	426	10	254	283
		5	378	383	140	293	140	133	255	200	80	761	426	10	216	241
		7.5	393	494	140	321	178	133	255	200	80	887	471	13	216	241
040-110	4	15	399	494	140	326	241	178	346	310	80	893	471	13	279	311
		20	399	494	140	326	279	178	346	310	80	893	471	13	279	311
		25	415	526	140	342	267	203	372	310	80	940	536	13	318	362
		30	415	551	140	342	178	133	255	200	80	965	536	13	216	241
	6	3	399	354	140	313	210	159	305	245	80	753	426	10	254	283
		5	399	383	140	313	254	159	305	245	80	781	426	10	254	283
		7.5	399	494	140	326	241	178	346	310	80	893	471	13	279	311
		10	399	494	140	326	279	178	346	310	80	893	471	13	279	311
040-130	4	20	399	494	140	328	267	203	372	310	80	893	489	13	318	362
		25	415	526	140	344	305	203	396	336	80	940	554	13	318	356
		30	415	551	140	344	254	159	305	245	80	965	554	13	254	283
		40	431	561	140	373	241	178	346	310	80	992	554	17	279	311
		50	431	602	140	373	279	178	346	310	80	1033	580	17	279	311
	6	5	399	383	140	315	267	203	372	310	80	781	450	10	318	362
		7.5	399	494	140	328	305	203	396	336	80	893	489	13	318	356
		10	399	494	140	328	286	229	421	319	80	893	489	13	356	400
		15	415	526	140	344	279	178	346	310	80	940	554	13	279	311
050-070	2	25	360	494	140	300	279	178	346	310	80	854	460	13	279	311
		30	348	494	140	289	279	178	346	310	80	842	525	13	279	311
		40	348	494	140	289	267	203	372	311	80	842	525	13	318	362
		50	360	563	140	313	305	203	396	336	80	924	525	17	318	357
		60	360	551	140	313	286	229	421	335	80	911	551	17	356	400
		75	360	567	140	329	140	133	255	200	80	927	534	17	216	241
	4	3	345	314	140	251	178	133	255	200	80	660	395	10	216	241
		5	345	353	140	251	210	159	305	245	80	698	395	10	254	283
		7.5	345	354	140	273	254	159	305	245	80	700	415	10	254	283
		10	345	383	140	273	241	178	346	310	80	728	415	10	279	311
	6	1	316	277	140	195	178	133	255	200	80	593	395	9	216	241
		1	316	277	140	202	210	159	305	245	80	593	395	9	254	283
		1.5	345	314	140	251	254	159	305	245	80	660	395	10	254	283
		2	345	353	140	251	241	178	346	310	80	698	395	10	279	311
		3	345	354	140	273	210	159	305	245	80	700	415	10	254	283
050-095	4	10	404	383	140	318	254	159	305	245	80	786	436	10	254	283
		15	418	494	140	345	241	178	346	310	80	912	481	13	279	311
		20	418	494	140	345	279	178	346	310	80	912	481	13	279	311
		25	435	526	140	362	267	203	372	311	80	960	546	13	318	362
		30	435	551	140	362	178	133	255	200	80	986	546	13	216	241
	6	3	404	354	140	318	210	159	305	245	80	758	436	10	254	283
		5	404	383	140	318	254	159	305	245	80	786	436	10	254	283
		7.5	418	494	140	345	241	178	346	310	80	912	481	13	279	311
		10	418	494	140	345	254	159	305	245	80	912	481	13	254	283

Pump size	Pole	P2 [hp]	Dimensions for NB pumps with ODP motors, mounting design A [mm]													
			LP	AG	X	Q	2F	D	T	AB	B1	L11	W1	D3	2E	A*
050-110	4	20	399	494	180	326	210	159	305	245	86	893	499	13	254	283
		25	415	526	180	342	254	159	305	245	86	940	564	13	254	283
		30	415	551	180	342	210	159	305	245	86	965	564	13	254	283
		40	431	561	180	371	254	159	305	245	86	992	565	17	254	283
	6	5	399	383	180	313	241	178	346	310	86	781	461	10	279	311
		7.5	399	494	180	326	279	178	346	310	86	893	499	13	279	311
		10	399	494	180	326	178	133	255	200	86	893	499	13	216	241
		15	415	526	180	342	210	159	305	245	86	940	564	13	254	283
050-130	4	25	413	526	180	325	254	159	305	245	100	938	580	13	254	283
		30	413	551	180	325	241	178	346	310	100	963	580	13	279	311
		40	445	561	180	370	254	159	305	245	100	1006	581	17	254	283
		50	445	602	180	370	241	178	346	310	100	1046	606	17	279	311
		60	445	637	180	386	279	178	346	310	100	1081	605	17	279	311
		75	445	713	180	386	267	203	372	311	100	1158	625	17	318	362
	6	10	413	494	180	325	210	159	305	245	100	907	520	13	254	283
		15	413	526	180	325	254	159	305	245	100	938	580	13	254	283
		20	413	551	180	325	241	178	346	310	100	963	580	13	279	311
060-095	4	15	437	494	180	330	279	178	346	310	100	931	550	13	279	311
		20	437	494	180	330	267	203	372	311	100	931	550	13	318	362
		25	454	526	180	347	305	203	396	336	100	979	610	13	318	357
		30	454	551	180	347	286	229	421	335	100	1005	610	13	356	400
		40	455	561	180	361	311	229	442	355	100	1016	611	17	356	432
	6	5	423	383	180	303	178	133	255	200	100	805	550	10	216	241
		7.5	437	494	180	330	210	159	305	245	100	931	550	13	254	283
		10	437	494	180	330	254	159	305	245	100	931	550	13	254	283
		15	454	526	180	347	241	178	346	310	100	979	610	13	279	311
060-110	4	30	432	551	180	325	241	178	346	310	100	982	597	13	279	311
		40	464	561	180	370	279	178	346	310	100	1025	598	17	279	311
		50	464	602	180	370	267	203	372	311	100	1066	623	17	318	362
		60	464	637	180	386	305	203	396	336	100	1100	622	17	318	357
	6	7.5	432	494	180	325	254	159	305	245	100	926	537	13	254	283
		10	432	494	180	325	241	178	346	310	100	926	537	13	279	311
		15	432	526	180	325	279	178	346	310	100	957	597	13	279	311
		20	432	551	180	325	241	178	346	310	100	982	597	13	279	311

Dimensions for NB pumps with TEFC motors, mounting design B and C

Dimensions in inch.

Pump size	Pole	P2 [hp]	Dimensions for NB pumps with TEFC motors, mounting design B and C [inch]																						
			LP	AG	X	HG3	L8	H5	Q	L6	HG1	H6	D	T	AB	B1	L11	W1	L10	D1	D2	E	B4	B7	L7	L4
012-070	2	3	11.7	13.9	3.9	0.2	3.1	1.8	6.7	12.3	0.2	2.5	4.5	8.9	6.9	2.0	25.9	12.1	0.8	0.7	0.7	3.8	10.5	11.4	7.8	13.8
		5	11.7	15.4	3.9	0.2	3.1	1.8	6.7	12.3	0.2	2.5	4.5	8.9	6.9	2.0	25.9	12.1	0.8	0.7	0.7	3.8	10.5	11.4	7.8	13.8
		7.5	11.7	16.6	3.9	0.2	3.1	1.8	7.5	15.2	0.2	1.8	5.3	10.4	8.0	2.0	29.7	13.7	0.8	0.7	0.7	4.3	11.5	11.4	7.8	16.7
		7.5	11.7	16.6	3.9	0.2	3.1	1.8	7.5	15.2	0.2	1.8	5.3	10.4	8.0	2.0	29.7	13.7	0.8	0.7	0.7	4.3	11.5	11.4	7.8	16.7
		10	11.7	18.1	3.9	0.2	3.1	1.8	7.5	15.2	0.2	1.8	5.3	10.4	8.0	2.0	29.7	13.7	0.8	0.7	0.7	4.3	11.5	11.4	7.8	16.7
		15	12.3	20.1	3.9	0.2	3.1	1.8	7.9	18.8	0.4	0.8	6.3	12.9	10.2	2.0	33.7	16.8	0.8	0.7	0.7	5.0	12.0	11.4	7.8	20.3
		15	12.3	20.1	3.9	0.2	3.1	1.8	7.9	18.8	0.4	0.8	6.3	12.9	10.2	2.0	33.7	16.8	0.8	0.7	0.7	5.0	12.0	11.4	7.8	20.3
	4	1	10.6	11.2	3.9	0.5	3.1	1.0	5.1	11.8	0.2	2.8	3.5	7.1	5.8	2.0	23.9	10.8	0.8	0.7	0.7	2.8	8.5	10.4	7.8	13.3
		1	10.6	11.2	3.9	0.5	3.1	1.0	5.1	11.8	0.2	2.8	3.5	7.1	5.8	2.0	23.9	10.8	0.8	0.7	0.7	2.8	8.5	10.4	7.8	13.3
		1	10.6	11.2	3.9	0.5	3.1	1.0	5.1	11.8	0.2	2.8	3.5	7.1	5.8	2.0	23.9	10.8	0.8	0.7	0.7	2.8	8.5	10.4	7.8	13.3
		1.5	10.6	11.2	3.9	0.5	3.1	1.0	5.1	11.8	0.2	2.8	3.5	7.1	5.8	2.0	23.9	10.8	0.8	0.7	0.7	2.8	8.5	10.4	7.8	13.3
015-070	2	5	11.7	15.4	3.9	0.2	3.1	1.8	6.7	12.3	0.2	2.5	4.5	8.9	6.9	2.0	27.1	12.4	0.8	0.7	0.7	3.8	10.5	11.4	7.8	13.8
		7.5	11.7	16.6	3.9	0.2	3.1	1.8	7.5	15.2	0.2	1.8	5.3	10.4	8.0	2.0	29.7	13.7	0.8	0.7	0.7	4.3	11.5	11.4	7.8	16.7
		10	11.7	18.1	3.9	0.2	3.1	1.8	7.5	15.2	0.2	1.8	5.3	10.4	8.0	2.0	29.9	13.7	0.8	0.7	0.7	4.3	11.5	11.4	7.8	16.7
		15	12.3	20.1	3.9	0.2	3.1	1.8	7.9	18.8	0.4	0.8	6.3	12.9	10.2	2.0	33.7	16.8	0.8	0.7	0.7	5.0	12.0	11.4	7.8	20.3
		20	12.3	20.1	3.9	0.2	3.1	1.8	7.9	18.8	0.4	0.8	6.3	12.9	10.2	2.0	33.7	16.8	0.8	0.7	0.7	5.0	12.0	11.4	7.8	20.3
	4	1	10.6	11.2	3.9	0.5	3.1	1.0	5.1	11.8	0.2	2.8	3.5	7.1	5.8	2.0	23.9	11.3	0.8	0.7	0.7	2.8	8.5	10.4	7.8	13.3
		1	10.6	11.2	3.9	0.5	3.1	1.0	5.1	11.8	0.2	2.8	3.5	7.1	5.8	2.0	23.9	11.3	0.8	0.7	0.7	2.8	8.5	10.4	7.8	13.3
		1.5	10.6	11.2	3.9	0.5	3.1	1.0	5.1	11.8	0.2	2.8	3.5	7.1	5.8	2.0	23.9	11.3	0.8	0.7	0.7	2.8	8.5	10.4	7.8	13.3
		2	10.6	11.2	3.9	0.5	3.1	1.0	5.1	11.8	0.2	2.8	3.5	7.1	5.8	2.0	23.9	11.3	0.8	0.7	0.7	2.8	8.5	10.4	7.8	13.3
		3	11.7	13.9	3.9	0.2	3.1	1.8	6.7	12.3	0.2	2.5	4.5	8.9	6.9	2.0	25.9	12.4	0.8	0.7	0.7	3.8	10.5	11.4	7.8	13.8
015-090	2	15	13.2	20.1	3.9	0.5	3.6	1.0	8.2	18.5	0.2	1.8	6.3	12.9	10.2	2.6	35.1	16.8	0.4	0.7	0.7	5.0	13.0	12.8	8.8	20.0
		20	13.2	20.1	3.9	0.5	3.6	1.0	8.2	18.5	0.2	1.8	6.3	12.9	10.2	2.6	35.1	16.8	0.4	0.7	0.7	5.0	13.0	12.8	8.8	20.0
		25	12.7	21.8	3.9	0.5	3.6	1.0	7.5	20.8	0.5	1.0	7.0	13.6	12.2	2.6	36.6	19.2	0.4	0.7	0.7	5.5	14.0	12.8	8.8	22.3
		30	12.7	23.4	3.9	0.5	3.6	1.0	7.5	20.8	0.5	1.0	7.0	14.4	13.1	2.6	36.6	20.5	0.4	0.7	0.7	5.5	14.0	12.8	8.8	22.3
		40	13.2	25.4	3.9	0.2	3.8	2.0	8.2	22.0	0.5	1.0	8.0	15.4	13.7	2.6	38.7	21.4	0.5	0.7	0.7	6.3	15.5	13.8	9.0	23.5
	4	1.5	11.5	11.2	3.9	-	-	-	6.3	12.8	0.2	3.5	3.5	7.1	5.8	2.6	25.7	12.6	-	-	0.7	2.8	8.5	-	-	14.3
		2	11.5	11.2	3.9	-	-	-	6.3	12.8	0.2	3.5	3.5	7.1	5.8	2.6	25.7	12.6	-	-	0.7	2.8	8.5	-	-	14.3
		3	12.6	13.9	3.9	-	-	-	7.9	13.2	0.2	2.5	4.5	8.9	6.9	2.6	27.7	13.2	-	-	0.7	3.8	10.5	-	-	14.7
		5	12.6	15.4	3.9	-	-	-	7.9	13.2	0.2	2.5	4.5	8.9	6.9	2.6	28.0	13.2	-	-	0.7	3.8	10.5	-	-	14.7
015-095	2	15	13.2	20.1	3.9	0.5	3.6	1.0	8.2	18.5	0.2	1.8	6.3	12.9	10.2	2.6	35.1	16.9	0.4	0.7	0.7	5.0	13.0	12.8	8.8	20.0
		20	13.2	20.1	3.9	0.5	3.6	1.0	8.2	18.5	0.2	1.8	6.3	12.9	10.2	2.6	35.1	16.9	0.4	0.7	0.7	5.0	13.0	12.8	8.8	20.0
		25	12.7	21.8	3.9	0.5	3.6	1.0	7.5	20.8	0.5	1.0	7.0	13.6	12.2	2.6	36.6	19.2	0.4	0.7	0.7	5.5	14.0	12.8	8.8	22.3
		30	12.7	23.4	3.9	0.5	3.6	1.0	7.5	20.8	0.5	1.0	7.0	14.4	13.1	2.6	36.6	20.5	0.4	0.7	0.7	5.5	14.0	12.8	8.8	22.3
		40	13.2	25.4	3.9	0.2	3.8	2.0	8.2	22.0	0.5	1.0	8.0	15.4	13.7	2.6	38.7	21.4	0.5	0.7	0.7	6.3	15.5	13.8	9.0	23.5
		50	13.2	25.3	3.9	0.2	3.8	2.0	8.2	22.0	0.5	1.0	8.0	16.3	14.6	2.6	38.7	23.1	0.5	0.7	0.7	6.3	15.5	13.8	9.0	23.5
	4	2	11.5	11.2	3.9	-	-	-	6.3	12.8	0.2	3.5	3.5	7.1	5.8	2.6	25.7	13.0	-	-	0.7	2.8	8.5	-	-	14.3
		3	12.6	13.9	3.9	-	-	-	7.9	13.2	0.2	2.5	4.5	8.9	6.9	2.6	27.7	13.6	-	-	0.7	3.8	10.5	-	-	14.7
		5	12.6	15.4	3.9	-	-	-	7.9	13.2	0.2	2.5	4.5	8.9	6.9	2.6	28.0	13.6	-	-	0.7	3.8	10.5	-	-	14.7
		7.5	12.6	16.6	3.9	-	-	-	8.8	15.2	0.2	1.8	5.3	10.4	8.0	2.6	30.6	14.7	-	-	0.7	4.3	11.5	-	-	16.7

Pump size	Pole	P2 [hp]	Dimensions for NB pumps with TEFC motors, mounting design B and C [inch]																						
			LP	AG	X	HG3	L8	H5	Q	L6	HG1	H6	D	T	AB	B1	L11	W1	L10	D1	D2	E	B4	B7	L7	L4
020-095	2	15	14.2	20.1	3.9	0.5	3.6	1.0	9.2	18.5	0.2	1.8	6.3	12.9	10.2	2.6	36.0	16.8	0.4	0.7	0.7	5.0	13.0	12.8	8.8	20.0
		20	14.2	20.1	3.9	0.5	3.6	1.0	9.2	18.5	0.2	1.8	6.3	12.9	10.2	2.6	36.0	16.8	0.4	0.7	0.7	5.0	13.0	12.8	8.8	20.0
		25	14.8	21.8	3.9	0.5	3.6	1.0	9.6	20.8	0.5	1.0	7.0	13.6	12.2	2.6	38.7	19.2	0.4	0.7	0.7	5.5	14.0	12.8	8.8	22.3
		30	14.8	23.4	3.9	0.5	3.6	1.0	9.6	20.8	0.5	1.0	7.0	14.4	13.1	2.6	38.7	20.5	0.4	0.7	0.7	5.5	14.0	12.8	8.8	22.3
		40	14.9	25.4	3.9	0.2	3.8	2.0	9.9	22.0	0.5	1.0	8.0	15.4	13.7	2.6	40.4	21.4	0.5	0.7	0.7	6.3	15.5	13.8	9.0	23.5
		50	14.9	25.3	3.9	0.2	3.8	2.0	9.9	22.0	0.5	1.0	8.0	16.3	14.6	2.6	40.4	23.1	0.5	0.7	0.7	6.3	15.5	13.8	9.0	23.5
		60	14.9	27.8	3.9	0.2	3.8	3.0	10.4	23.0	0.5	1.0	9.0	19.1	18.1	2.6	42.7	27.9	0.5	0.7	0.7	7.0	17.0	13.8	9.0	24.5
		60	14.9	27.8	3.9	0.2	3.8	3.0	10.4	23.0	0.5	1.0	9.0	19.1	18.1	2.6	42.7	27.9	0.5	0.7	0.7	7.0	17.0	13.8	9.0	24.5
	4	2	11.5	11.2	3.9	-	-	-	6.3	12.8	0.2	3.5	3.5	7.1	5.8	2.6	25.7	12.8	-	-	0.7	2.8	8.5	-	-	14.3
		3	12.6	13.9	3.9	-	-	-	7.9	13.2	0.2	2.5	4.5	8.9	6.9	2.6	27.7	13.4	-	-	0.7	3.8	10.5	-	-	14.7
		5	12.6	15.4	3.9	-	-	-	7.9	13.2	0.2	2.5	4.5	8.9	6.9	2.6	28.0	13.4	-	-	0.7	3.8	10.5	-	-	14.7
		7.5	12.6	16.6	3.9	-	-	-	8.8	15.2	0.2	1.8	5.3	10.4	8.0	2.6	30.6	14.5	-	-	0.7	4.3	11.5	-	-	16.7
020-110	4	5	12.6	15.4	3.9	-	-	-	7.9	13.2	0.2	2.5	4.5	8.9	6.9	2.6	28.0	13.9	-	-	0.7	3.8	10.5	-	-	14.7
		7.5	12.6	16.6	3.9	-	-	-	8.8	15.2	0.2	1.8	5.3	10.4	8.0	2.6	30.6	15.0	-	-	0.7	4.3	11.5	-	-	16.7
		10	12.6	18.1	3.9	-	-	-	8.8	15.2	0.2	1.8	5.3	10.4	8.0	2.6	30.7	15.0	-	-	0.7	4.3	11.5	-	-	16.7
		15	13.2	20.1	3.9	-	-	-	9.2	18.8	0.4	0.8	6.3	12.9	10.2	2.6	34.6	17.1	-	-	0.7	5.0	12.0	-	-	20.3
020-135	4	7.5	15.2	16.6	5.5	-	-	-	10.4	15.2	0.2	3.8	5.3	10.4	8.0	2.6	33.2	16.6	-	-	0.7	4.3	11.5	-	-	16.7
		10	15.2	18.1	5.5	-	-	-	10.4	15.2	0.2	3.8	5.3	10.4	8.0	2.6	33.3	16.6	-	-	0.7	4.3	11.5	-	-	16.7
		15	15.2	20.1	5.5	-	-	-	10.9	19.0	0.2	2.8	6.3	12.9	10.2	2.6	37.6	18.8	-	-	0.7	5.0	13.0	-	-	20.5
		20	15.2	20.1	5.5	-	-	-	10.9	19.0	0.2	2.8	6.3	12.9	10.2	2.6	37.6	18.8	-	-	0.7	5.0	13.0	-	-	20.5
		25	15.8	23.4	5.5	-	-	-	11.9	20.3	0.3	2.0	7.0	14.4	13.1	2.6	39.8	21.7	-	-	0.7	5.5	15.2	-	-	21.8
025-070	2	7.5	12.6	16.6	5.5	0.4	3.6	0.8	7.0	15.2	0.2	1.8	5.3	10.4	8.0	2.6	30.6	13.7	0.4	0.7	0.7	4.3	11.5	11.3	8.8	16.7
		10	12.6	18.1	5.5	0.4	3.6	0.8	7.0	15.2	0.2	1.8	5.3	10.4	8.0	2.6	30.7	13.7	0.4	0.7	0.7	4.3	11.5	11.3	8.8	16.7
		15	13.2	20.1	5.5	0.4	3.6	0.8	7.4	18.8	0.4	0.8	6.3	12.9	10.2	2.6	34.6	16.8	0.4	0.7	0.7	5.0	12.0	11.3	8.8	20.3
		20	13.2	20.1	5.5	0.4	3.6	0.8	7.4	18.8	0.4	0.8	6.3	12.9	10.2	2.6	34.6	16.8	0.4	0.7	0.7	5.0	12.0	11.3	8.8	20.3
		25	12.7	21.8	5.5	0.2	3.8	1.8	7.3	20.8	0.5	1.0	7.0	13.6	12.2	2.6	36.6	19.2	0.5	0.7	0.7	5.5	14.0	12.3	9.0	22.3
		30	12.7	23.4	5.5	0.2	3.8	1.8	7.3	20.8	0.5	1.0	7.0	14.4	13.1	2.6	36.6	20.5	0.5	0.7	0.7	5.5	14.0	12.3	9.0	22.3
	4	1	11.5	11.2	5.5	-	-	-	6.3	11.8	0.2	2.8	3.5	7.1	5.8	2.6	24.7	11.3	-	-	0.7	2.8	8.5	-	-	13.3
		1.5	11.5	11.2	5.5	-	-	-	6.3	11.8	0.2	2.8	3.5	7.1	5.8	2.6	24.7	11.3	-	-	0.7	2.8	8.5	-	-	13.3
		2	11.5	11.2	5.5	-	-	-	6.3	11.8	0.2	2.8	3.5	7.1	5.8	2.6	24.7	11.3	-	-	0.7	2.8	8.5	-	-	13.3
		3	12.6	13.9	5.5	0.4	3.6	0.8	6.2	13.2	0.2	2.5	4.5	8.9	6.9	2.6	27.7	12.5	0.4	0.7	0.7	3.8	10.5	11.3	8.8	14.7
		5	12.6	15.4	5.5	0.4	3.6	0.8	6.2	13.2	0.2	2.5	4.5	8.9	6.9	2.6	28.0	12.5	0.4	0.7	0.7	3.8	10.5	11.3	8.8	14.7
025-095	2	25	14.8	21.8	3.9	-	-	-	10.9	20.8	0.5	1.0	7.0	13.6	12.2	3.2	38.7	19.5	-	-	0.7	5.5	14.0	-	-	22.3
		30	14.8	23.4	3.9	-	-	-	10.9	20.8	0.5	1.0	7.0	14.4	13.1	3.2	38.7	20.5	-	-	0.7	5.5	14.0	-	-	22.3
		40	14.9	25.4	3.9	0.5	4.5	1.0	9.2	22.0	0.5	1.0	8.0	15.4	13.7	3.2	40.4	21.4	1.3	0.7	0.7	6.3	15.5	15.0	10.5	23.5
		50	14.9	25.3	3.9	0.5	4.5	1.0	9.2	22.0	0.5	1.0	8.0	16.3	14.6	3.2	40.4	23.1	1.3	0.7	0.7	6.3	15.5	15.0	10.5	23.5
		60	14.9	27.8	3.9	0.2	4.5	2.0	9.7	23.0	0.5	1.0	9.0	19.1	18.1	3.2	42.7	27.9	1.3	0.7	0.7	7.0	17.0	15.9	10.5	24.5
		75	14.9	27.8	3.9	0.2	4.5	2.0	9.7	23.0	0.5	1.0	9.0	19.1	18.1	3.2	42.7	27.9	1.3	0.7	0.7	7.0	17.0	15.9	10.5	24.5
		75	14.9	27.8	3.9	0.2	4.5	2.0	9.7	23.0	0.5	1.0	9.0	19.1	18.1	3.2	42.7	27.9	1.3	0.7	0.7	7.0	17.0	15.9	10.5	24.5
	4	3	12.6	13.9	3.9	-	-	-	7.5	13.2	0.2	3.5	4.5	8.9	6.9	3.2	27.7	14.4	-	-	0.7	3.8	10.5	-	-	14.7
		5	12.6	15.4	3.9	-	-	-	7.5	13.2	0.2	3.5	4.5	8.9	6.9	3.2	28.0	14.4	-	-	0.7	3.8	10.5	-	-	14.7
		7.5	12.6	16.6	3.9	-	-	-	8.4	15.2	0.2	2.8	5.3	10.4	8.0	3.2	30.6	15.3	-	-	0.7	4.3	11.5	-	-	16.7
		10	12.6	18.1	3.9	-	-	-	8.4	15.2	0.2	2.8	5.3	10.4	8.0	3.2	30.7	15.3	-	-	0.7	4.3	11.5	-	-	16.7
	6	1	11.5	11.2	3.9	-	-	-	5.9	13.0	0.2	4.5	3.5	7.1	5.8	3.2	25.9	14.4	-	-	0.7	2.8	8.5	-	-	14.5
		1.5	12.6	13.9	3.9	-	-	-	7.5	13.2	0.2	3.5	4.5	8.9	6.9	3.2	27.7	14.4	-	-	0.7	3.8	10.5	-	-	14.7
		2	12.6	15.4	3.9	-	-	-	7.5	13.2	0.2	3.5	4.5	8.9	6.9	3.2	28.0	14.4	-	-	0.7	3.8	10.5	-	-	14.7
		3	12.6	16.6	3.9	-	-	-	8.4	15.2	0.2	2.8	5.3	10.4	8.0	3.2	30.6	15.3	-	-	0.7	4.3	11.5	-	-	16.7
025-110	4	7.5	15.2	16.6	5.5	-	-	-	9.9	15.2	0.2	2.8	5.3	10.4	8.0	3.2	33.2	15.7	-	-	0.7	4.3	11.5	-	-	16.7
		10	15.2	18.1	5.5	-	-	-	9.9	15.2	0.2	2.8	5.3	10.4	8.0	3.2	33.3	15.7	-	-	0.7	4.3	11.5	-	-	16.7
		15	15.2	20.1	5.5	-	-	-	10.4	18.5	0.2	1.8	6.3	12.9	10.2	3.2	37.1	17.9	-	-	0.7	5.0	13.0	-	-	20.0
	6	2	15.2	15.4	5.5	-	-	-	9.0	13.2	0.2	3.5	4.5	8.9	6.9	3.2	30.6	14.8	-	-	0.7	3.8	10.5	-	-	14.7
		3	15.2	16.6	5.5	-	-	-	9.9	15.2	0.2	2.8	5.3	10.4	8.0	3.2	33.2	15.7	-	-	0.7	4.3	11.5	-	-	16.7
		5	15.2	18.1	5.5	-	-	-	9.9	15.2	0.2	2.8	5.3	10.4	8.0	3.2	33.3	15.7	-	-	0.7	4.3	11.5	-	-	16.7

Pump size	Pole	P2 [hp]	Dimensions for NB pumps with TEFC motors, mounting design B and C [inch]																						
			LP	AG	X	HG3	L8	H5	Q	L6	HG1	H6	D	T	AB	B1	L11	W1	L10	D1	D2	E	B4	B7	L7	L4
030-070	2	15	13.2	20.1	5.5	0.4	3.6	0.8	7.4	18.8	0.4	0.8	6.3	12.9	10.2	2.6	34.6	16.8	0.4	0.7	0.7	5.0	12.0	11.3	8.8	20.3
		20	13.2	20.1	5.5	0.4	3.6	0.8	7.4	18.8	0.4	0.8	6.3	12.9	10.2	2.6	34.6	16.8	0.4	0.7	0.7	5.0	12.0	11.3	8.8	20.3
		25	12.7	21.8	5.5	0.2	3.8	1.8	7.3	20.8	0.5	1.0	7.0	13.6	12.2	2.6	36.6	19.2	0.5	0.7	0.7	5.5	14.0	12.3	9.0	22.3
		30	12.7	23.4	5.5	0.2	3.8	1.8	7.3	20.8	0.5	1.0	7.0	14.4	13.1	2.6	36.6	20.5	0.5	0.7	0.7	5.5	14.0	12.3	9.0	22.3
		40	13.2	25.4	5.5	0.2	3.8	2.8	8.2	22.0	0.5	1.0	8.0	15.4	13.7	2.6	38.7	21.4	0.5	0.7	0.7	6.3	15.5	12.3	9.0	23.5
	4	1.5	11.5	11.2	5.5	-	-	-	6.3	11.8	0.2	2.8	3.5	7.1	5.8	2.6	24.7	12.3	-	-	0.7	2.8	8.5	-	-	13.3
		2	11.5	11.2	5.5	-	-	-	6.3	11.8	0.2	2.8	3.5	7.1	5.8	2.6	24.7	12.3	-	-	0.7	2.8	8.5	-	-	13.3
		3	12.6	13.9	5.5	0.4	3.6	0.8	6.2	13.2	0.2	2.5	4.5	8.9	6.9	2.6	27.7	13.4	0.4	0.7	0.7	3.8	10.5	11.3	8.8	14.7
		5	12.6	15.4	5.5	0.4	3.6	0.8	6.2	13.2	0.2	2.5	4.5	8.9	6.9	2.6	28.0	13.4	0.4	0.7	0.7	3.8	10.5	11.3	8.8	14.7
030-095	2	40	16.7	25.4	5.5	0.5	4.5	1.0	10.0	22.0	0.5	1.0	8.0	15.4	13.7	3.2	42.2	21.9	0.3	0.7	0.7	6.3	15.5	16.3	10.5	23.5
		50	16.7	25.3	5.5	0.5	4.5	1.0	10.0	22.0	0.5	1.0	8.0	16.3	14.6	3.2	42.2	23.1	0.3	0.7	0.7	6.3	15.5	16.3	10.5	23.5
		60	16.7	27.8	5.5	0.2	4.5	2.0	10.5	23.0	0.5	1.0	9.0	19.1	18.1	3.2	44.5	27.9	0.3	0.7	0.7	7.0	17.0	17.3	10.5	24.5
		75	16.7	27.8	5.5	0.2	4.5	2.0	10.5	23.0	0.5	1.0	9.0	19.1	18.1	3.2	44.5	27.9	0.3	0.7	0.7	7.0	17.0	17.3	10.5	24.5
		100	16.7	31.2	6	0.2	4.3	3	11.4	26	0.5	1	10	21.3	19.3	3.2	47.9	29.3	-	0.7	0.7	8	19.9	17.3	10	27.5
		125	19.1	33	6	0.2	4.3	4	13.4	28	0.5	1	11	24.2	22.7	3.2	52.1	35.3	-	0.7	0.7	9	21.9	16.3	10	27.5
	4	5	14.4	15.4	5.5	-	-	-	8.2	13.2	0.2	3.5	4.5	8.9	6.9	3.2	29.8	16.1	-	-	0.7	3.8	10.5	-	-	14.7
		7.5	14.4	16.6	5.5	-	-	-	9.1	15.2	0.2	2.8	5.3	10.4	8.0	3.2	32.4	16.2	-	-	0.7	4.3	11.5	-	-	16.7
		10	14.4	18.1	5.5	-	-	-	9.1	15.2	0.2	2.8	5.3	10.4	8.0	3.2	32.5	16.2	-	-	0.7	4.3	11.5	-	-	16.7
		15	15.0	20.1	5.5	-	-	-	10.2	18.5	0.2	1.8	6.3	12.9	10.2	3.2	36.8	18.4	-	-	0.7	5.0	13.0	-	-	20.0
	6	1.5	14.4	13.9	5.5	-	-	-	8.2	13.2	0.2	3.5	4.5	8.9	6.9	3.2	29.5	16.1	-	-	0.7	3.8	10.5	-	-	14.7
		2	14.4	15.4	5.5	-	-	-	8.2	13.2	0.2	3.5	4.5	8.9	6.9	3.2	29.8	16.1	-	-	0.7	3.8	10.5	-	-	14.7
		3	14.4	16.6	5.5	-	-	-	9.1	15.2	0.2	2.8	5.3	10.4	8.0	3.2	32.4	16.2	-	-	0.7	4.3	11.5	-	-	16.7
		5	14.4	18.1	5.5	-	-	-	9.1	15.2	0.2	2.8	5.3	10.4	8.0	3.2	32.5	16.2	-	-	0.7	4.3	11.5	-	-	16.7
030-110	4	10	15.2	18.1	5.5	-	-	-	9.9	15.2	0.2	2.8	5.3	10.4	8.0	3.2	33.3	16.0	-	-	0.7	4.3	11.5	-	-	16.7
		15	15.2	20.1	5.5	-	-	-	10.4	18.5	0.2	1.8	6.3	12.9	10.2	3.2	37.1	18.2	-	-	0.7	5.0	13.0	-	-	20.0
		20	15.2	20.1	5.5	-	-	-	10.4	18.5	0.2	1.8	6.3	12.9	10.2	3.2	37.1	18.2	-	-	0.7	5.0	13.0	-	-	20.0
	6	3	15.2	16.6	5.5	-	-	-	9.9	15.2	0.2	2.8	5.3	10.4	8.0	3.2	33.2	16.0	-	-	0.7	4.3	11.5	-	-	16.7
		5	15.2	18.1	5.5	-	-	-	9.9	15.2	0.2	2.8	5.3	10.4	8.0	3.2	33.3	16.0	-	-	0.7	4.3	11.5	-	-	16.7
		7.5	15.2	20.1	5.5	-	-	-	10.4	18.5	0.2	1.8	6.3	12.9	10.2	3.2	37.1	18.2	-	-	0.7	5.0	13.0	-	-	20.0
030-135	4	15	15.2	20.1	5.5	-	-	-	10.4	19.5	0.2	3.8	6.3	12.9	10.2	3.0	38.1	19.6	-	-	0.7	5.0	13.0	-	-	21.0
		20	15.2	20.1	5.5	-	-	-	10.4	19.5	0.2	3.8	6.3	12.9	10.2	3.0	38.1	19.6	-	-	0.7	5.0	13.0	-	-	21.0
		25	15.8	23.4	5.5	-	-	-	11.5	20.8	0.3	3.0	7.0	14.4	13.1	3.0	40.3	22.5	-	-	0.7	5.5	15.2	-	-	22.3
		30	15.8	23.4	5.5	-	-	-	11.5	20.8	0.3	3.0	7.0	14.4	13.1	3.0	40.3	22.5	-	-	0.7	5.5	15.2	-	-	22.3
		40	16.5	25.3	5.5	-	-	-	12.5	21.8	0.3	2.0	8.0	16.2	14.7	3.0	42.4	24.1	-	-	0.7	6.3	16.7	-	-	23.3
	6	5	15.2	18.1	5.5	-	-	-	9.9	16.0	0.2	4.8	5.3	10.4	8.0	3.0	34.0	17.6	-	-	0.7	4.3	11.5	-	-	17.5
		7.5	15.2	20.1	5.5	-	-	-	10.4	19.5	0.2	3.8	6.3	12.9	10.2	3.0	38.1	19.6	-	-	0.7	5.0	13.0	-	-	21.0
		10	15.2	20.1	5.5	-	-	-	10.4	19.5	0.2	3.8	6.3	12.9	10.2	3.0	38.1	19.6	-	-	0.7	5.0	13.0	-	-	21.0
		15	15.8	23.4	5.5	-	-	-	11.5	20.8	0.3	3.0	7.0	14.4	13.1	3.0	40.3	22.5	-	-	0.7	5.5	15.2	-	-	22.3
040-070	2	20	14.2	20.1	5.5	0.5	3.6	1.0	8.2	18.5	0.2	1.8	6.3	12.9	10.2	2.6	36.1	17.3	0.6	0.7	0.7	5.0	13.0	14.0	8.8	20.0
		25	13.7	21.8	5.5	0.5	3.6	1.0	7.5	20.8	0.5	1.0	7.0	13.6	12.2	2.6	37.6	19.3	0.6	0.7	0.7	5.5	14.0	14.0	8.8	22.3
		30	13.7	23.4	5.5	0.5	3.6	1.0	7.5	20.8	0.5	1.0	7.0	14.4	13.1	2.6	37.6	20.5	0.6	0.7	0.7	5.5	14.0	14.0	8.8	22.3
		40	14.2	25.4	5.5	0.2	3.8	2.0	8.2	22.0	0.5	1.0	8.0	15.4	13.7	2.6	39.7	21.4	0.5	0.7	0.7	6.3	15.5	15.0	9.0	23.5
		50	14.2	25.3	5.5	0.2	3.8	2.0	8.2	22.0	0.5	1.0	8.0	16.3	14.6	2.6	39.7	23.1	0.5	0.7	0.7	6.3	15.5	15.0	9.0	23.5
	4	2	12.5	11.2	5.5	-	-	-	6.3	12.8	0.2	3.5	3.5	7.1	5.8	2.6	26.7	13.9	-	-	0.7	2.8	8.5	-	-	14.3
		3	13.6	13.9	5.5	-	-	-	7.9	13.2	0.2	2.5	4.5	8.9	6.9	2.6	28.7	14.0	-	-	0.7	3.8	10.5	-	-	14.7
		5	13.6	15.4	5.5	-	-	-	7.9	13.2	0.2	2.5	4.5	8.9	6.9	2.6	29.0	14.0	-	-	0.7	3.8	10.5	-	-	14.7
		7.5	13.6	16.6	5.5	-	-	-	8.8	15.2	0.2	1.8	5.3	10.4	8.0	2.6	31.6	15.1	-	-	0.7	4.3	11.5	-	-	16.7
	6	1	12.5	-	5.5	-	-	-	6.3	12.8	0.2	3.5	3.5	-	-	2.6	26.7	13.9	-	-	0.7	2.4	8.5	-	-	14.3
		1	12.5	11.2	5.5	-	-	-	6.3	12.8	0.2	3.5	3.5	7.1	5.8	2.6	26.7	13.9	-	-	0.7	2.8	8.5	-	-	14.3
		1.5	13.6	13.9	5.5	-	-	-	7.9	13.2	0.2	2.5	4.5	8.9	6.9	2.6	28.7	14.0	-	-	0.7	3.8	10.5	-	-	14.7
		2	13.6	15.4	5.5	-	-	-	7.9	13.2	0.2	2.5	4.5	8.9	6.9	2.6	28.7	14.0	-	-	0.7	3.8	10.5	-	-	14.7

Pump size	Pole	P2 [hp]	Dimensions for NB pumps with TEFC motors, mounting design B and C [inch]																							
			LP	AG	X	HG3	L8	H5	Q	L6	HG1	H6	D	T	AB	B1	L11	W1	L10	D1	D2	E	B4	B7	L7	L4
040-095	2	60	17.2	27.8	5.5	0.5	4.5	1.0	10.5	23.0	0.5	1.0	9.0	19.1	18.1	3.2	45.0	27.9	0.3	0.7	0.7	7.0	17.0	16.3	10.5	24.5
		75	17.2	27.8	5.5	0.5	4.5	1.0	10.5	23.0	0.5	1.0	9.0	19.1	18.1	3.2	45.0	27.9	0.3	0.7	0.7	7.0	17.0	16.3	10.5	24.5
		100	17.2	31.2	6	0.2	4.5	2	11.2	26	0.5	1	10	21.3	19.3	3.2	48.4	100	17.2	31.2	6	0.2	4.5	2	11.2	26
		125	19.6	33	6	0.2	4.3	3	13.4	28	0.5	1	11	24.2	22.7	3.2	52.6	125	19.6	33.0	6	0.2	4.3	3	13.4	28
	4	7.5	14.9	16.6	5.5	-	-	-	9.1	15.2	0.2	3.8	5.3	10.4	8.0	3.2	32.9	16.9	-	-	0.7	4.3	11.5	-	-	16.7
		10	14.9	18.1	5.5	-	-	-	9.1	15.2	0.2	3.8	5.3	10.4	8.0	3.2	33.0	16.9	-	-	0.7	4.3	11.5	-	-	16.7
		15	15.5	20.1	5.5	-	-	-	10.2	19.0	0.2	2.8	6.3	12.9	10.2	3.2	37.8	19.1	-	-	0.7	5.0	13.0	-	-	20.5
		20	15.5	20.1	5.5	-	-	-	10.2	19.0	0.2	2.8	6.3	12.9	10.2	3.2	37.8	19.1	-	-	0.7	5.0	13.0	-	-	20.5
	6	2	14.9	15.4	5.5	-	-	-	8.2	13.8	0.2	4.5	4.5	8.9	6.9	3.2	30.6	16.8	-	-	0.7	3.8	10.5	-	-	15.3
		3	14.9	16.6	5.5	-	-	-	9.1	15.2	0.2	3.8	5.3	10.4	8.0	3.2	32.9	16.9	-	-	0.7	4.3	11.5	-	-	16.7
		5	14.9	18.1	5.5	-	-	-	9.1	15.2	0.2	3.8	5.3	10.4	8.0	3.2	33.0	16.9	-	-	0.7	4.3	11.5	-	-	16.7
		7.5	15.5	20.1	5.5	-	-	-	10.2	19.0	0.2	2.8	6.3	12.9	10.2	3.2	37.8	19.1	-	-	0.7	5.0	13.0	-	-	20.5
040-110	4	15	15.7	20.1	5.5	-	-	-	10.4	19.0	0.2	2.8	6.3	12.9	10.2	3.2	38.1	19.1	-	-	0.7	5.0	13.0	-	-	20.5
		20	15.7	20.1	5.5	-	-	-	10.4	19.0	0.2	2.8	6.3	12.9	10.2	3.2	38.1	19.1	-	-	0.7	5.0	13.0	-	-	20.5
		25	16.3	23.4	5.5	-	-	-	11.5	20.3	0.3	2.0	7.0	14.4	13.1	3.2	40.3	22.0	-	-	0.7	5.5	15.2	-	-	21.8
		30	16.3	23.4	5.5	-	-	-	11.5	20.3	0.3	2.0	7.0	14.4	13.1	3.2	40.3	22.0	-	-	0.7	5.5	15.2	-	-	21.8
	6	3	15.7	16.6	5.5	-	-	-	9.9	15.2	0.2	3.8	5.3	10.4	8.0	3.2	33.7	16.9	-	-	0.7	4.3	11.5	-	-	16.7
		5	15.7	18.1	5.5	-	-	-	9.9	15.2	0.2	3.8	5.3	10.4	8.0	3.2	33.8	16.9	-	-	0.7	4.3	11.5	-	-	16.7
		7.5	15.7	20.1	5.5	-	-	-	10.4	19.0	0.2	2.8	6.3	12.9	10.2	3.2	38.1	19.1	-	-	0.7	5.0	13.0	-	-	20.5
		10	15.7	20.1	5.5	-	-	-	10.4	19.0	0.2	2.8	6.3	12.9	10.2	3.2	38.1	19.1	-	-	0.7	5.0	13.0	-	-	20.5
040-135	4	20	15.7	20.1	5.5	-	-	-	10.5	19.5	0.2	3.8	6.3	12.9	10.2	3.2	38.6	19.8	-	-	0.7	5.0	13.0	-	-	21.0
		25	16.3	23.4	5.5	-	-	-	11.5	20.8	0.3	3.0	7.0	14.4	13.1	3.2	40.8	22.7	-	-	0.7	5.5	15.2	-	-	22.3
		30	16.3	23.4	5.5	-	-	-	11.5	20.8	0.3	3.0	7.0	14.4	13.1	3.2	40.8	22.7	-	-	0.7	5.5	15.2	-	-	22.3
		40	17.0	25.3	5.5	-	-	-	12.6	21.8	0.3	2.0	8.0	16.2	14.7	3.2	42.9	24.3	-	-	0.7	6.3	16.7	-	-	23.3
		50	17.0	25.3	5.5	-	-	-	12.6	21.8	0.3	2.0	8.0	16.2	14.7	3.2	42.9	24.3	-	-	0.7	6.3	16.7	-	-	23.3
	6	5	15.7	18.1	5.5	-	-	-	10.0	16.0	0.2	4.8	5.3	10.4	8.0	3.2	34.5	17.7	-	-	0.7	4.3	11.5	-	-	17.5
		7.5	15.7	20.1	5.5	-	-	-	10.5	19.5	0.2	3.8	6.3	12.9	10.2	3.2	38.6	19.8	-	-	0.7	5.0	13.0	-	-	21.0
		10	15.7	20.1	5.5	-	-	-	10.5	19.5	0.2	3.8	6.3	12.9	10.2	3.2	38.6	19.8	-	-	0.7	5.0	13.0	-	-	21.0
		15	16.3	23.4	5.5	-	-	-	11.5	20.8	0.3	3.0	7.0	14.4	13.1	3.2	40.8	22.7	-	-	0.7	5.5	15.2	-	-	22.3
050-070	2	25	13.7	21.8	5.5	-	-	-	8.7	20.8	0.5	1.0	7.0	13.6	12.2	3.2	37.6	20.7	-	-	0.7	5.5	14.0	-	-	22.3
		30	13.7	23.4	5.5	-	-	-	8.7	20.8	0.5	1.0	7.0	14.4	13.1	3.2	37.6	21.6	-	-	0.7	5.5	14.0	-	-	22.3
		40	14.2	25.4	5.5	0.5	4.5	1.0	7.5	22.0	0.5	1.0	8.0	15.4	13.7	3.2	39.7	22.1	0.3	0.7	0.7	6.3	15.5	15.0	10.5	23.5
		50	14.2	25.3	5.5	0.5	4.5	1.0	7.5	22.0	0.5	1.0	8.0	16.3	14.6	3.2	39.7	23.1	0.3	0.7	0.7	6.3	15.5	15.0	10.5	23.5
		60	14.2	27.8	5.5	0.2	4.5	2.0	8.0	23.0	0.5	1.0	9.0	19.1	18.1	3.2	42.0	27.9	0.3	0.7	0.7	7.0	17.0	15.9	10.5	24.5
		75	14.2	27.8	5.5	0.2	4.5	2.0	8.0	23.0	0.5	1.0	9.0	19.1	18.1	3.2	42.0	27.9	0.3	0.7	0.7	7.0	17.0	15.9	10.5	24.5
	4	3	13.6	13.9	5.5	-	-	-	7.4	13.2	0.2	3.5	4.5	8.9	6.9	3.2	28.7	15.6	-	-	0.7	3.8	10.5	-	-	14.7
		5	13.6	15.4	5.5	-	-	-	7.4	13.2	0.2	3.5	4.5	8.9	6.9	3.2	29.0	15.6	-	-	0.7	3.8	10.5	-	-	14.7
		7.5	13.6	16.6	5.5	-	-	-	8.3	15.2	0.2	2.8	5.3	10.4	8.0	3.2	31.6	16.5	-	-	0.7	4.3	11.5	-	-	16.7
		10	13.6	18.1	5.5	-	-	-	8.3	15.2	0.2	2.8	5.3	10.4	8.0	3.2	31.6	16.5	-	-	0.7	4.3	11.5	-	-	16.7
	6	1	12.5	-	5.5	-	-	-	5.8	13.0	0.2	4.5	3.5	-	-	3.2	26.6	15.6	-	-	0.7	2.4	8.5	-	-	14.5
		1	12.5	11.2	5.5	-	-	-	5.8	13.0	0.2	4.5	3.5	7.1	5.8	3.2	26.9	15.6	-	-	0.7	2.8	8.5	-	-	14.5
		1.5	13.6	13.9	5.5	-	-	-	7.4	13.2	0.2	3.5	4.5	8.9	6.9	3.2	28.7	15.6	-	-	0.7	3.8	10.5	-	-	14.7
		2	13.6	15.4	5.5	-	-	-	7.4	13.2	0.2	3.5	4.5	8.9	6.9	3.2	29.0	15.6	-	-	0.7	3.8	10.5	-	-	14.7
		3	13.6	16.6	5.5	-	-	-	8.3	15.2	0.2	2.8	5.3	10.4	8.0	3.2	31.6	16.5	-	-	0.7	4.3	11.5	-	-	16.7
050-095	4	10	15.9	18.1	5.5	-	-	-	10.1	16.0	0.2	4.8	5.3	10.4	8.0	3.2	34.7	17.3	-	-	0.7	4.3	11.5	-	-	17.5
		15	16.5	20.1	5.5	-	-	-	11.2	19.5	0.2	3.8	6.3	12.9	10.2	3.2	39.3	19.5	-	-	0.7	5.0	13.0	-	-	21.0
		20	16.5	20.1	5.5	-	-	-	11.2	19.5	0.2	3.8	6.3	12.9	10.2	3.2	39.3	19.5	-	-	0.7	5.0	13.0	-	-	21.0
		25	17.1	23.4	5.5	-	-	-	12.2	20.8	0.3	3.0	7.0	14.4	13.1	3.2	41.6	22.4	-	-	0.7	5.5	15.2	-	-	22.3
		30	17.1	23.4	5.5	-	-	-	12.2	20.8	0.3	3.0	7.0	14.4	13.1	3.2	41.6	22.4	-	-	0.7	5.5	15.2	-	-	22.3
	6	3	15.9	16.6	5.5	-	-	-	10.1	16.0	0.2	4.8	5.3	10.4	8.0	3.2	34.7	17.3	-	-	0.7	4.3	11.5	-	-	17.5
		5	15.9	18.1	5.5	-	-	-	10.1	16.0	0.2	4.8	5.3	10.4	8.0	3.2	34.7	17.3	-	-	0.7	4.3	11.5	-	-	17.5
		7.5	16.5	20.1	5.5	-	-	-	11.2	19.5	0.2	3.8	6.3	12.9	10.2	3.2	39.3	19.5	-	-	0.7	5.0	13.0	-	-	21.0
		10	16.5	20.1	5.5	-	-	-	11.2	19.5	0.2	3.8	6.3	12.9	10.2	3.2	39.3	19.5	-	-	0.7	5.0	13.0	-	-	21.0

Pump size	Pole	P2 [hp]	Dimensions for NB pumps with TEFC motors, mounting design B and C [inch]																						
			LP	AG	X	HG3	L8	H5	Q	L6	HG1	H6	D	T	AB	B1	L11	W1	L10	D1	D2	E	B4	B7	L7	L4
050-110	4	20	15.7	20.1	7.1	-	-	-	10.4	19.5	0.2	3.8	6.3	12.9	10.2	3.4	38.6	20.2	-	-	0.7	5.0	13.0	-	-	21.0
		25	16.3	23.4	7.1	-	-	-	11.5	20.8	0.3	3.0	7.0	14.4	13.1	3.4	40.8	23.1	-	-	0.7	5.5	15.2	-	-	22.3
		30	16.3	23.4	7.1	-	-	-	11.5	20.8	0.3	3.0	7.0	14.4	13.1	3.4	40.8	23.1	-	-	0.7	5.5	15.2	-	-	22.3
		40	17.0	25.3	7.1	-	-	-	12.5	21.8	0.3	2.0	8.0	16.2	14.7	3.4	42.9	24.7	-	-	0.7	6.3	16.7	-	-	23.3
	6	5	15.7	18.1	7.1	-	-	-	9.9	16.0	0.2	4.8	5.3	10.4	8.0	3.4	34.5	18.1	-	-	0.7	4.3	11.5	-	-	17.5
		7.5	15.7	20.1	7.1	-	-	-	10.4	19.5	0.2	3.8	6.3	12.9	10.2	3.4	38.6	20.2	-	-	0.7	5.0	13.0	-	-	21.0
		10	15.7	20.1	7.1	-	-	-	10.4	19.5	0.2	3.8	6.3	12.9	10.2	3.4	38.6	20.2	-	-	0.7	5.0	13.0	-	-	21.0
		15	16.3	23.4	7.1	-	-	-	11.5	20.8	0.3	3.0	7.0	14.4	13.1	3.4	40.8	23.1	-	-	0.7	5.5	15.2	-	-	22.3
050-135	4	25	16.3	23.4	7.1	-	-	-	10.8	21.3	0.3	4.0	7.0	14.4	13.1	3.9	41.2	23.8	-	-	0.7	5.5	15.2	-	-	22.8
		30	16.3	23.4	7.1	-	-	-	10.8	21.3	0.3	4.0	7.0	14.4	13.1	3.9	41.2	23.8	-	-	0.7	5.5	15.2	-	-	22.8
		40	17.5	25.3	7.1	-	-	-	12.5	22.8	0.3	3.0	8.0	16.2	14.7	3.9	44.4	25.3	-	-	0.7	6.3	16.7	-	-	24.3
		50	17.5	25.3	7.1	-	-	-	12.5	22.8	0.3	3.0	8.0	16.2	14.7	3.9	44.4	25.3	-	-	0.7	6.3	16.7	-	-	24.3
		60	17.5	27.8	7.1	-	-	-	13.1	23.0	0.3	2.0	9.0	19.1	18.1	3.9	45.3	28.7	-	-	0.7	7.0	18.2	-	-	24.5
		75	17.5	27.8	7.1	-	-	-	13.1	23.0	0.3	2.0	9.0	19.1	18.1	3.9	45.3	28.7	-	-	0.7	7.0	18.2	-	-	24.5
	6	10	16.3	20.1	7.1	-	-	-	10.4	20.0	0.2	4.8	6.3	12.9	10.2	3.9	39.6	20.8	-	-	0.7	5.0	13.0	-	-	21.5
		15	16.3	23.4	7.1	-	-	-	10.8	21.3	0.3	4.0	7.0	14.4	13.1	3.9	41.2	23.8	-	-	0.7	5.5	15.2	-	-	22.8
		20	16.3	23.4	7.1	-	-	-	10.8	21.3	0.3	4.0	7.0	14.4	13.1	3.9	41.2	23.8	-	-	0.7	5.5	15.2	-	-	22.8
060-095	4	15	17.2	20.1	7.1	-	-	-	10.6	20.0	0.2	4.8	6.3	12.9	10.2	3.9	40.6	22.0	-	-	0.7	5.0	13.0	-	-	21.5
		20	17.2	20.1	7.1	-	-	-	10.6	20.0	0.2	4.8	6.3	12.9	10.2	3.9	40.6	22.0	-	-	0.7	5.0	13.0	-	-	21.5
		25	17.9	23.4	7.1	-	-	-	11.7	21.3	0.3	4.0	7.0	14.4	13.1	3.9	42.9	24.9	-	-	0.7	5.5	15.2	-	-	22.8
		30	17.9	23.4	7.1	-	-	-	11.7	21.3	0.3	4.0	7.0	14.4	13.1	3.9	42.9	24.9	-	-	0.7	5.5	15.2	-	-	22.8
		40	17.9	25.3	7.1	-	-	-	12.1	22.8	0.3	3.0	8.0	16.2	14.7	3.9	44.8	26.5	-	-	0.7	6.3	16.7	-	-	24.3
	6	5	16.6	18.1	7.1	-	-	-	9.5	16.0	0.2	5.8	5.3	10.4	8.0	3.9	35.4	21.7	-	-	0.7	4.3	11.5	-	-	17.5
		7.5	17.2	20.1	7.1	-	-	-	10.6	20.0	0.2	4.8	6.3	12.9	10.2	3.9	40.6	22.0	-	-	0.7	5.0	13.0	-	-	21.5
		10	17.2	20.1	7.1	-	-	-	10.6	20.0	0.2	4.8	6.3	12.9	10.2	3.9	40.6	22.0	-	-	0.7	5.0	13.0	-	-	21.5
		15	17.9	23.4	7.1	-	-	-	11.7	21.3	0.3	4.0	7.0	14.4	13.1	3.9	42.9	24.9	-	-	0.7	5.5	15.2	-	-	22.8
060-110	4	30	17.0	23.4	7.1	-	-	-	10.8	21.3	0.3	4.0	7.0	14.4	13.1	3.9	42.0	24.4	-	-	0.7	5.5	15.2	-	-	22.8
		40	18.3	25.3	7.1	-	-	-	12.5	22.8	0.3	3.0	8.0	16.2	14.7	3.9	45.2	26.0	-	-	0.7	6.3	16.7	-	-	24.3
		50	18.3	25.3	7.1	-	-	-	12.5	22.8	0.3	3.0	8.0	16.2	14.7	3.9	45.2	26.0	-	-	0.7	6.3	16.7	-	-	24.3
		60	18.3	27.8	7.1	-	-	-	13.1	23.0	0.3	2.0	9.0	19.1	18.1	3.9	46.1	29.4	-	-	0.7	7.0	18.2	-	-	24.5
	6	7.5	17.0	20.1	7.1	-	-	-	10.4	20.0	0.2	4.8	6.3	12.9	10.2	3.9	40.4	21.5	-	-	0.7	5.0	13.0	-	-	21.5
		10	17.0	20.1	7.1	-	-	-	10.4	20.0	0.2	4.8	6.3	12.9	10.2	3.9	40.4	21.5	-	-	0.7	5.0	13.0	-	-	21.5
		15	17.0	23.4	7.1	-	-	-	10.8	21.3	0.3	4.0	7.0	14.4	13.1	3.9	42.0	24.4	-	-	0.7	5.5	15.2	-	-	22.8
		20	17.0	23.4	7.1	-	-	-	10.8	21.3	0.3	4.0	7.0	14.4	13.1	3.9	42.0	24.4	-	-	0.7	5.5	15.2	-	-	22.8

Dimensions in mm.

Pump size	Pole	P2 [hp]	Dimensions for NB pumps with TEFC motors, mounting design B and C [mm]																						
			LP	AG	X	HG3	L8	H5	Q	L6	HG1	H6	D	T	AB	B1	L11	W1	L10	D1	D2	E	B4	B7	L7	L4
012-070	2	3	298	353	100	5	80	44	169	311	5	64	114	227	175	50	658	308	19	18	18	95	265	290	197	349
		5	298	392	100	5	80	44	169	311	5	64	114	227	175	50	658	308	19	18	18	95	265	290	197	349
		7.5	298	422	100	5	80	44	191	385	5	44	133	264	203	50	754	349	19	18	18	108	291	290	197	423
		7.5	298	422	100	5	80	44	191	385	5	44	133	264	203	50	754	349	19	18	18	108	291	290	197	423
		10	298	460	100	5	80	44	191	385	5	44	133	264	203	50	754	349	19	18	18	108	291	290	197	423
		15	313	511	100	5	80	44	201	476	10	19	159	327	259	50	855	427	19	18	18	127	304	290	197	514
		15	313	511	100	5	80	44	201	476	10	19	159	327	259	50	855	427	19	18	18	127	304	290	197	514
	4	1	269	284	100	13	80	25	129	299	5	70	89	180	146	50	606	275	19	18	18	70	215	265	197	338
		1	269	284	100	13	80	25	129	299	5	70	89	180	146	50	606	275	19	18	18	70	215	265	197	338
		1	269	284	100	13	80	25	129	299	5	70	89	180	146	50	606	275	19	18	18	70	215	265	197	338
		1.5	269	284	100	13	80	25	129	299	5	70	89	180	146	50	606	275	19	18	18	70	215	265	197	338

Pump size	Pole	P2 [hp]	Dimensions for NB pumps with TEFC motors, mounting design B and C [mm]																							
			LP	AG	X	HG3	L8	H5	Q	L6	HG1	H6	D	T	AB	B1	L11	W1	L10	D1	D2	E	B4	B7	L7	L4
015-070	2	5	298	392	100	5	80	44	169	311	5	64	114	227	175	50	689	315	19	18	18	95	265	290	197	349
		7.5	298	422	100	5	80	44	191	385	5	44	133	264	203	50	754	349	19	18	18	108	291	290	197	423
		10	298	460	100	5	80	44	191	385	5	44	133	264	203	50	758	349	19	18	18	108	291	290	197	423
		15	313	511	100	5	80	44	201	476	10	19	159	327	259	50	855	427	19	18	18	127	304	290	197	514
		20	313	511	100	5	80	44	201	476	10	19	159	327	259	50	855	427	19	18	18	127	304	290	197	514
	4	1	269	284	100	13	80	25	129	299	5	70	89	180	146	50	606	286	19	18	18	70	215	265	197	338
		1	269	284	100	13	80	25	129	299	5	70	89	180	146	50	606	286	19	18	18	70	215	265	197	338
		1.5	269	284	100	13	80	25	129	299	5	70	89	180	146	50	606	286	19	18	18	70	215	265	197	338
		2	269	284	100	13	80	25	129	299	5	70	89	180	146	50	606	286	19	18	18	70	215	265	197	338
		3	298	353	100	5	80	44	169	311	5	64	114	227	175	50	658	315	19	18	18	95	265	290	197	349
015-090	2	15	335	511	100	13	92	25	208	470	5	44	159	327	259	65	890	427	10	18	18	127	329	325	222	508
		20	335	511	100	13	92	25	208	470	5	44	159	327	259	65	890	427	10	18	18	127	329	325	222	508
		25	323	553	100	13	92	25	189	527	13	25	178	346	310	65	929	487	10	18	18	140	354	325	222	565
		30	323	594	100	13	92	25	189	527	13	25	178	367	334	65	929	520	10	18	18	140	354	325	222	565
		40	335	646	100	5	95	51	209	559	13	25	203	392	347	65	984	544	13	18	18	159	392	350	229	597
	4	1.5	291	284	100	-	-	-	161	325	5	89	89	180	146	65	654	320	-	-	18	70	215	-	-	363
		2	291	284	100	-	-	-	161	325	5	89	89	180	146	65	654	320	-	-	18	70	215	-	-	363
		3	320	353	100	-	-	-	201	334	5	64	114	227	175	65	703	335	-	-	18	95	265	-	-	372
		5	320	392	100	-	-	-	201	334	5	64	114	227	175	65	712	335	-	-	18	95	265	-	-	372
015-095	2	15	335	511	100	13	92	25	208	470	5	44	159	327	259	65	890	428	10	18	18	127	329	325	222	508
		20	335	511	100	13	92	25	208	470	5	44	159	327	259	65	890	428	10	18	18	127	329	325	222	508
		25	323	553	100	13	92	25	189	527	13	25	178	346	310	65	929	487	10	18	18	140	354	325	222	565
		30	323	594	100	13	92	25	189	527	13	25	178	367	334	65	929	520	10	18	18	140	354	325	222	565
		40	335	646	100	5	95	51	209	559	13	25	203	392	347	65	984	544	13	18	18	159	392	350	229	597
		50	335	642	100	5	95	51	209	559	13	25	203	413	372	65	984	586	13	18	18	159	392	350	229	597
	4	2	291	284	100	-	-	-	161	325	5	89	89	180	146	65	654	330	-	-	18	70	215	-	-	363
		3	320	353	100	-	-	-	201	334	5	64	114	227	175	65	703	345	-	-	18	95	265	-	-	372
		5	320	392	100	-	-	-	201	334	5	64	114	227	175	65	712	345	-	-	18	95	265	-	-	372
		7.5	320	422	100	-	-	-	223	385	5	44	133	264	203	65	776	373	-	-	18	108	291	-	-	423
020-095	2	15	360	511	100	13	92	25	233	470	5	44	159	327	259	65	915	427	10	18	18	127	329	325	222	508
		20	360	511	100	13	92	25	233	470	5	44	159	327	259	65	915	427	10	18	18	127	329	325	222	508
		25	377	553	100	13	92	25	243	527	13	25	178	346	310	65	982	487	10	18	18	140	354	325	222	565
		30	377	594	100	13	92	25	243	527	13	25	178	367	334	65	982	520	10	18	18	140	354	325	222	565
		40	378	646	100	5	95	51	252	559	13	25	203	392	347	65	1026	544	13	18	18	159	392	350	229	597
		50	378	642	100	5	95	51	252	559	13	25	203	413	372	65	1026	586	13	18	18	159	392	350	229	597
		60	378	706	100	5	95	76	264	584	13	25	229	486	460	65	1084	707	13	18	18	178	431	350	229	622
		60	378	706	100	5	95	76	264	584	13	25	229	486	460	65	1084	707	13	18	18	178	431	350	229	622
	4	2	291	284	100	-	-	-	161	325	5	89	89	180	146	65	654	325	-	-	18	70	215	-	-	363
		3	320	353	100	-	-	-	201	334	5	64	114	227	175	65	703	340	-	-	18	95	265	-	-	372
		5	320	392	100	-	-	-	201	334	5	64	114	227	175	65	712	340	-	-	18	95	265	-	-	372
		7.5	320	422	100	-	-	-	223	385	5	44	133	264	203	65	776	368	-	-	18	108	291	-	-	423
020-110	4	5	320	392	100	-	-	-	201	334	5	64	114	227	175	65	712	352	-	-	18	95	265	-	-	372
		7.5	320	422	100	-	-	-	223	385	5	44	133	264	203	65	776	380	-	-	18	108	291	-	-	423
		10	320	460	100	-	-	-	223	385	5	44	133	264	203	65	781	380	-	-	18	108	291	-	-	423
		15	335	511	100	-	-	-	233	476	10	19	159	327	259	65	878	435	-	-	18	127	304	-	-	514
020-135	4	7.5	386	422	140	-	-	-	263	385	5	95	133	264	203	65	842	422	-	-	18	108	291	-	-	423
		10	386	460	140	-	-	-	263	385	5	95	133	264	203	65	846	422	-	-	18	108	291	-	-	423
		15	386	511	140	-	-	-	278	483	5	70	159	327	259	65	954	477	-	-	18	127	329	-	-	521
		20	386	511	140	-	-	-	278	483	5	70	159	327	259	65	954	477	-	-	18	127	329	-	-	521
		25	402	594	140	-	-	-	303	514	8	51	178	367	333	65	1011	551	-	-	18	140	385	-	-	552

Pump size	Pole	P2 [hp]	Dimensions for NB pumps with TEFC motors, mounting design B and C [mm]																							
			LP	AG	X	HG3	L8	H5	Q	L6	HG1	H6	D	T	AB	B1	L11	W1	L10	D1	D2	E	B4	B7	L7	L4
025-070	2	7.5	320	422	140	10	92	19	179	385	5	44	133	264	203	65	776	349	10	18	18	108	291	287	222	423
		10	320	460	140	10	92	19	179	385	5	44	133	264	203	65	781	349	10	18	18	108	291	287	222	423
		15	335	511	140	10	92	19	189	476	10	19	159	327	259	65	878	427	10	18	18	127	304	287	222	514
		20	335	511	140	10	92	19	189	476	10	19	159	327	259	65	878	427	10	18	18	127	304	287	222	514
		25	323	553	140	5	95	44	186	527	13	25	178	346	310	65	929	487	13	18	18	140	354	312	229	565
		30	323	594	140	5	95	44	186	527	13	25	178	367	334	65	929	520	13	18	18	140	354	312	229	565
	4	1	291	284	140	-	-	-	161	299	5	70	89	180	146	65	628	288	-	-	18	70	215	-	-	338
		1.5	291	284	140	-	-	-	161	299	5	70	89	180	146	65	628	288	-	-	18	70	215	-	-	338
		2	291	284	140	-	-	-	161	299	5	70	89	180	146	65	628	288	-	-	18	70	215	-	-	338
		3	320	353	140	10	92	19	156	334	5	64	114	227	175	65	703	316	10	18	18	95	265	287	222	372
		5	320	392	140	10	92	19	156	334	5	64	114	227	175	65	712	316	10	18	18	95	265	287	222	372
025-095	2	25	377	553	100	-	-	-	277	527	13	25	178	346	310	80	982	496	-	-	18	140	354	-	-	565
		30	377	594	100	-	-	-	277	527	13	25	178	367	334	80	982	520	-	-	18	140	354	-	-	565
		40	378	646	100	13	114	25	233	559	13	25	203	392	347	80	1026	544	32	18	18	159	392	380	267	597
		50	378	642	100	13	114	25	233	559	13	25	203	413	372	80	1026	586	32	18	18	159	392	380	267	597
		60	378	706	100	5	114	51	245	584	13	25	229	486	460	80	1084	707	32	18	18	178	431	405	267	622
		75	378	706	100	5	114	51	245	584	13	25	229	486	460	80	1084	707	32	18	18	178	431	405	267	622
		75	378	706	100	5	114	51	245	584	13	25	229	486	460	80	1084	707	32	18	18	178	431	405	267	622
	4	3	320	353	100	-	-	-	190	334	5	89	114	227	175	80	703	367	-	-	18	95	265	-	-	372
		5	320	392	100	-	-	-	190	334	5	89	114	227	175	80	712	367	-	-	18	95	265	-	-	372
		7.5	320	422	100	-	-	-	212	385	5	70	133	264	203	80	776	390	-	-	18	108	291	-	-	423
		10	320	460	100	-	-	-	212	385	5	70	133	264	203	80	781	390	-	-	18	108	291	-	-	423
	6	1	291	284	100	-	-	-	150	330	5	114	89	180	146	80	659	367	-	-	18	70	215	-	-	368
		1.5	320	353	100	-	-	-	190	334	5	89	114	227	175	80	703	367	-	-	18	95	265	-	-	372
		2	320	392	100	-	-	-	190	334	5	89	114	227	175	80	712	367	-	-	18	95	265	-	-	372
		3	320	422	100	-	-	-	212	385	5	70	133	264	203	80	776	390	-	-	18	108	291	-	-	423
025-110	4	7.5	386	422	140	-	-	-	251	385	5	70	133	264	203	80	842	399	-	-	18	108	291	-	-	423
		10	386	460	140	-	-	-	251	385	5	70	133	264	203	80	846	399	-	-	18	108	291	-	-	423
		15	386	511	140	-	-	-	265	470	5	44	159	327	259	80	941	454	-	-	18	127	329	-	-	508
	6	2	386	392	140	-	-	-	229	334	5	89	114	227	175	80	777	376	-	-	18	95	265	-	-	372
		3	386	422	140	-	-	-	251	385	5	70	133	264	203	80	842	399	-	-	18	108	291	-	-	423
		5	386	460	140	-	-	-	251	385	5	70	133	264	203	80	846	399	-	-	18	108	291	-	-	423
030-070	2	15	335	511	140	10	92	19	188	476	10	19	159	327	259	65	878	427	10	18	18	127	304	287	222	514
		20	335	511	140	10	92	19	188	476	10	19	159	327	259	65	878	427	10	18	18	127	304	287	222	514
		25	323	553	140	5	95	44	186	527	13	25	178	346	310	65	929	487	13	18	18	140	354	312	229	565
		30	323	594	140	5	95	44	186	527	13	25	178	367	334	65	929	520	13	18	18	140	354	312	229	565
		40	335	646	140	5	95	70	209	559	13	25	203	392	347	65	984	544	13	18	18	159	392	312	229	597
	4	1.5	291	284	140	-	-	-	161	299	5	70	89	180	146	65	628	311	-	-	18	70	215	-	-	338
		2	291	284	140	-	-	-	161	299	5	70	89	180	146	65	628	311	-	-	18	70	215	-	-	338
		3	320	353	140	10	92	19	156	334	5	64	114	227	175	65	703	340	10	18	18	95	265	287	222	372
		5	320	392	140	10	92	19	156	334	5	64	114	227	175	65	712	340	10	18	18	95	265	287	222	372

Pump size	Pole	P2 [hp]	Dimensions for NB pumps with TEFC motors, mounting design B and C [mm]																						
			LP	AG	X	HG3	L8	H5	Q	L6	HG1	H6	D	T	AB	B1	L11	W1	L10	D1	D2	E	B4	B7	L7	L4
030-095	2	40	423	646	140	13	114	25	253	559	13	25	203	392	347	80	1072	556	6	18	18	159	392	415	267	597
		50	423	642	140	13	114	25	253	559	13	25	203	413	372	80	1072	586	6	18	18	159	392	415	267	597
		60	423	706	140	5	114	51	265	584	13	25	229	486	460	80	1129	707	6	18	18	178	431	440	267	622
		75	423	706	140	5	114	51	265	584	13	25	229	486	460	80	1129	707	6	18	18	178	431	440	267	622
		100	424	792	152	5	108	76	290	660	13	25	254	541	490	81	1217	744	-	18	18	203	505	439	254	699
		125	485	838	152	5	108	102	340	711	13	25	279	616	576	81	1324	897	-	18	18	229	556	414	254	699
	4	5	366	392	140	-	-	-	208	334	5	89	114	227	175	80	757	409	-	-	18	95	265	-	-	372
		7.5	366	422	140	-	-	-	230	385	5	70	133	264	203	80	822	412	-	-	18	108	291	-	-	423
		10	366	460	140	-	-	-	230	385	5	70	133	264	203	80	826	412	-	-	18	108	291	-	-	423
		15	380	511	140	-	-	-	260	470	5	44	159	327	259	80	936	467	-	-	18	127	329	-	-	508
	6	1.5	366	353	140	-	-	-	208	334	5	89	114	227	175	80	749	409	-	-	18	95	265	-	-	372
		2	366	392	140	-	-	-	208	334	5	89	114	227	175	80	757	409	-	-	18	95	265	-	-	372
		3	366	422	140	-	-	-	230	385	5	70	133	264	203	80	822	412	-	-	18	108	291	-	-	423
		5	366	460	140	-	-	-	230	385	5	70	133	264	203	80	826	412	-	-	18	108	291	-	-	423
030-110	4	10	386	460	140	-	-	-	251	385	5	70	133	264	203	80	846	407	-	-	18	108	291	-	-	423
		15	386	511	140	-	-	-	265	470	5	44	159	327	259	80	941	462	-	-	18	127	329	-	-	508
		20	386	511	140	-	-	-	265	470	5	44	159	327	259	80	941	462	-	-	18	127	329	-	-	508
	6	3	386	422	140	-	-	-	251	385	5	70	133	264	203	80	842	407	-	-	18	108	291	-	-	423
		5	386	460	140	-	-	-	251	385	5	70	133	264	203	80	846	407	-	-	18	108	291	-	-	423
		7.5	386	511	140	-	-	-	265	470	5	44	159	327	259	80	941	462	-	-	18	127	329	-	-	508
030-135	4	15	386	511	140	-	-	-	265	495	5	95	159	327	259	76	966	497	-	-	18	127	329	-	-	533
		20	386	511	140	-	-	-	265	495	5	95	159	327	259	76	966	497	-	-	18	127	329	-	-	533
		25	402	594	140	-	-	-	291	527	8	76	178	367	333	76	1024	572	-	-	18	140	385	-	-	565
		30	402	594	140	-	-	-	291	527	8	76	178	367	333	76	1024	572	-	-	18	140	385	-	-	565
		40	418	644	140	-	-	-	318	552	8	51	203	412	373	76	1076	611	-	-	18	159	423	-	-	591
	6	5	386	460	140	-	-	-	251	406	5	121	133	264	203	76	863	447	-	-	18	108	291	-	-	445
		7.5	386	511	140	-	-	-	265	495	5	95	159	327	259	76	966	497	-	-	18	127	329	-	-	533
		10	386	511	140	-	-	-	265	495	5	95	159	327	259	76	966	497	-	-	18	127	329	-	-	533
		15	402	594	140	-	-	-	291	527	8	76	178	367	333	76	1024	572	-	-	18	140	385	-	-	565
040-070	2	20	360	511	140	13	92	25	208	470	5	44	159	327	259	65	916	439	16	18	18	127	329	355	222	508
		25	348	553	140	13	92	25	189	527	13	25	178	346	310	65	955	490	16	18	18	140	354	355	222	565
		30	348	594	140	13	92	25	189	527	13	25	178	367	334	65	955	520	16	18	18	140	354	355	222	565
		40	360	646	140	5	95	51	209	559	13	25	203	392	347	65	1009	544	13	18	18	159	392	380	229	597
		50	360	642	140	5	95	51	209	559	13	25	203	413	372	65	1009	586	13	18	18	159	392	380	229	597
	4	2	316	284	140	-	-	-	161	325	5	89	89	180	146	65	679	353	-	-	18	70	215	-	-	363
		3	345	353	140	-	-	-	201	334	5	64	114	227	175	65	728	356	-	-	18	95	265	-	-	372
		5	345	392	140	-	-	-	201	334	5	64	114	227	175	65	737	356	-	-	18	95	265	-	-	372
		7.5	345	422	140	-	-	-	223	385	5	44	133	264	203	65	802	384	-	-	18	108	291	-	-	423
	6	1	316	-	140	-	-	-	161	325	5	89	89	-	-	65	679	353	-	-	18	62	215	-	-	363
		1	316	284	140	-	-	-	161	325	5	89	89	180	146	65	679	353	-	-	18	70	215	-	-	363
		1.5	345	353	140	-	-	-	201	334	5	64	114	227	175	65	728	356	-	-	18	95	265	-	-	372
		2	345	392	140	-	-	-	201	334	5	64	114	227	175	65	728	356	-	-	18	95	265	-	-	372

Pump size	Pole	P2 [hp]	Dimensions for NB pumps with TEFC motors, mounting design B and C [mm]																							
			LP	AG	X	HG3	L8	H5	Q	L6	HG1	H6	D	T	AB	B1	L11	W1	L10	D1	D2	E	B4	B7	L7	L4
040-095	2	60	436	706	140	13	114	25	265	584	13	25	229	486	460	80	1142	707	6	18	18	178	431	415	267	622
		75	436	706	140	13	114	25	265	584	13	25	229	486	460	80	1142	707	6	18	18	178	431	415	267	622
		100	437	792	152	5	114	51	284	660	13	25	254	541	490	81	1229	744	8	18	18	203	505	439	267	699
		125	498	838	152	5	108	76	340	711	13	25	279	616	576	81	1336	897	13	18	18	229	556	414	254	699
	4	7.5	378	422	140	-	-	-	230	385	5	95	133	264	203	80	834	430	-	-	18	108	291	-	-	423
		10	378	460	140	-	-	-	230	385	5	95	133	264	203	80	838	430	-	-	18	108	291	-	-	423
		15	393	511	140	-	-	-	260	483	5	70	159	327	259	80	961	485	-	-	18	127	329	-	-	521
		20	393	511	140	-	-	-	260	483	5	70	159	327	259	80	961	485	-	-	18	127	329	-	-	521
	6	2	378	392	140	-	-	-	208	349	5	114	114	227	175	80	776	426	-	-	18	95	265	-	-	387
		3	378	422	140	-	-	-	230	385	5	95	133	264	203	80	834	430	-	-	18	108	291	-	-	423
		5	378	460	140	-	-	-	230	385	5	95	133	264	203	80	838	430	-	-	18	108	291	-	-	423
		7.5	393	511	140	-	-	-	260	483	5	70	159	327	259	80	961	485	-	-	18	127	329	-	-	521
040-110	4	15	399	511	140	-	-	-	265	483	5	70	159	327	259	80	966	485	-	-	18	127	329	-	-	521
		20	399	511	140	-	-	-	265	483	5	70	159	327	259	80	966	485	-	-	18	127	329	-	-	521
		25	415	594	140	-	-	-	291	514	8	51	178	367	333	80	1024	560	-	-	18	140	385	-	-	552
		30	415	594	140	-	-	-	291	514	8	51	178	367	333	80	1024	560	-	-	18	140	385	-	-	552
	6	3	399	422	140	-	-	-	251	385	5	95	133	264	203	80	855	430	-	-	18	108	291	-	-	423
		5	399	460	140	-	-	-	251	385	5	95	133	264	203	80	859	430	-	-	18	108	291	-	-	423
		7.5	399	511	140	-	-	-	265	483	5	70	159	327	259	80	966	485	-	-	18	127	329	-	-	521
		10	399	511	140	-	-	-	265	483	5	70	159	327	259	80	966	485	-	-	18	127	329	-	-	521
040-135	4	20	399	511	140	-	-	-	267	495	5	95	159	327	259	80	979	502	-	-	18	127	329	-	-	533
		25	415	594	140	-	-	-	293	527	8	76	178	367	333	80	1037	577	-	-	18	140	385	-	-	565
		30	415	594	140	-	-	-	293	527	8	76	178	367	333	80	1037	577	-	-	18	140	385	-	-	565
		40	431	644	140	-	-	-	320	552	8	51	203	412	373	80	1089	616	-	-	18	159	423	-	-	591
		50	431	644	140	-	-	-	320	552	8	51	203	412	373	80	1089	616	-	-	18	159	423	-	-	591
	6	5	399	460	140	-	-	-	253	406	5	121	133	264	203	80	876	450	-	-	18	108	291	-	-	445
		7.5	399	511	140	-	-	-	267	495	5	95	159	327	259	80	979	502	-	-	18	127	329	-	-	533
		10	399	511	140	-	-	-	267	495	5	95	159	327	259	80	979	502	-	-	18	127	329	-	-	533
		15	415	594	140	-	-	-	293	527	8	76	178	367	333	80	1037	577	-	-	18	140	385	-	-	565
050-070	2	25	348	553	140	-	-	-	221	527	13	25	178	346	310	80	955	525	-	-	18	140	354	-	-	565
		30	348	594	140	-	-	-	221	527	13	25	178	367	334	80	955	549	-	-	18	140	354	-	-	565
		40	360	646	140	13	114	25	190	559	13	25	203	392	347	80	1009	562	6	18	18	159	392	380	267	597
		50	360	642	140	13	114	25	190	559	13	25	203	413	372	80	1009	587	6	18	18	159	392	380	267	597
		60	360	706	140	5	114	51	203	584	13	25	229	486	460	80	1067	707	6	18	18	178	431	405	267	622
		75	360	706	140	5	114	51	203	584	13	25	229	486	460	80	1067	707	6	18	18	178	431	405	267	622
	4	3	345	353	140	-	-	-	188	334	5	89	114	227	175	80	728	395	-	-	18	95	265	-	-	372
		5	345	392	140	-	-	-	188	334	5	89	114	227	175	80	737	395	-	-	18	95	265	-	-	372
		7.5	345	422	140	-	-	-	210	385	5	70	133	264	203	80	802	418	-	-	18	108	291	-	-	423
		10	345	460	140	-	-	-	210	385	5	70	133	264	203	80	802	418	-	-	18	108	291	-	-	423
	6	1	316	-	140	-	-	-	148	330	5	114	89	-	-	80	676	395	-	-	18	62	215	-	-	368
		1	316	284	140	-	-	-	148	330	5	114	89	180	146	80	684	395	-	-	18	70	215	-	-	368
		1.5	345	353	140	-	-	-	188	334	5	89	114	227	175	80	728	395	-	-	18	95	265	-	-	372
		2	345	392	140	-	-	-	188	334	5	89	114	227	175	80	737	395	-	-	18	95	265	-	-	372
		3	345	422	140	-	-	-	210	385	5	70	133	264	203	80	802	418	-	-	18	108	291	-	-	423
050-095	4	10	404	460	140	-	-	-	256	406	5	121	133	264	203	80	881	439	-	-	18	108	291	-	-	445
		15	418	511	140	-	-	-	285	495	5	95	159	327	259	80	999	495	-	-	18	127	329	-	-	533
		20	418	511	140	-	-	-	285	495	5	95	159	327	259	80	999	495	-	-	18	127	329	-	-	533
		25	435	594	140	-	-	-	311	527	8	76	178	367	333	80	1057	569	-	-	18	140	385	-	-	565
		30	435	594	140	-	-	-	311	527	8	76	178	367	333	80	1057	569	-	-	18	140	385	-	-	565
	6	3	404	422	140	-	-	-	256	406	5	121	133	264	203	80	881	439	-	-	18	108	291	-	-	445
		5	404	460	140	-	-	-	256	406	5	121	133	264	203	80	881	439	-	-	18	108	291	-	-	445
		7.5	418	511	140	-	-	-	285	495	5	95	159	327	259	80	999	495	-	-	18	127	329	-	-	533
		10	418	511	140	-	-	-	285	495	5	95	159	327	259	80	999	495	-	-	18	127	329	-	-	533

Pump size	Pole	P2 [hp]	Dimensions for NB pumps with TEFC motors, mounting design B and C [mm]																							
			LP	AG	X	HG3	L8	H5	Q	L6	HG1	H6	D	T	AB	B1	L11	W1	L10	D1	D2	E	B4	B7	L7	L4
050-110	4	20	399	511	180	-	-	-	265	495	5	95	159	327	259	86	979	513	-	-	18	127	329	-	-	533
		25	415	594	180	-	-	-	291	527	8	76	178	367	333	86	1037	587	-	-	18	140	385	-	-	565
		30	415	594	180	-	-	-	291	527	8	76	178	367	333	86	1037	587	-	-	18	140	385	-	-	565
		40	431	644	180	-	-	-	318	552	8	51	203	412	373	86	1089	627	-	-	18	159	423	-	-	591
	6	5	399	460	180	-	-	-	251	406	5	121	133	264	203	86	876	461	-	-	18	108	291	-	-	445
		7.5	399	511	180	-	-	-	265	495	5	95	159	327	259	86	979	513	-	-	18	127	329	-	-	533
		10	399	511	180	-	-	-	265	495	5	95	159	327	259	86	979	513	-	-	18	127	329	-	-	533
		15	415	594	180	-	-	-	291	527	8	76	178	367	333	86	1037	587	-	-	18	140	385	-	-	565
050-135	4	25	413	594	180	-	-	-	274	540	8	102	178	367	333	100	1047	603	-	-	18	140	385	-	-	578
		30	413	594	180	-	-	-	274	540	8	102	178	367	333	100	1047	603	-	-	18	140	385	-	-	578
		40	445	644	180	-	-	-	317	578	8	76	203	412	373	100	1129	643	-	-	18	159	423	-	-	616
		50	445	644	180	-	-	-	317	578	8	76	203	412	373	100	1129	643	-	-	18	159	423	-	-	616
		60	445	706	180	-	-	-	333	584	8	51	229	485	460	100	1151	730	-	-	18	178	462	-	-	622
		75	445	706	180	-	-	-	333	584	8	51	229	485	460	100	1151	730	-	-	18	178	462	-	-	622
	6	10	413	511	180	-	-	-	264	508	5	121	159	327	259	100	1006	529	-	-	18	127	329	-	-	546
		15	413	594	180	-	-	-	274	540	8	102	178	367	333	100	1047	603	-	-	18	140	385	-	-	578
		20	413	594	180	-	-	-	274	540	8	102	178	367	333	100	1047	603	-	-	18	140	385	-	-	578
060-095	4	15	437	511	180	-	-	-	270	508	5	121	159	327	259	100	1030	559	-	-	18	127	329	-	-	546
		20	437	511	180	-	-	-	270	508	5	121	159	327	259	100	1030	559	-	-	18	127	329	-	-	546
		25	454	594	180	-	-	-	296	540	8	102	178	367	333	100	1088	633	-	-	18	140	385	-	-	578
		30	454	594	180	-	-	-	296	540	8	102	178	367	333	100	1088	633	-	-	18	140	385	-	-	578
		40	455	644	180	-	-	-	308	578	8	76	203	412	373	100	1139	673	-	-	18	159	423	-	-	616
	6	5	423	460	180	-	-	-	241	406	5	146	133	264	203	100	900	550	-	-	18	108	291	-	-	445
		7.5	437	511	180	-	-	-	270	508	5	121	159	327	259	100	1030	559	-	-	18	127	329	-	-	546
		10	437	511	180	-	-	-	270	508	5	121	159	327	259	100	1030	559	-	-	18	127	329	-	-	546
		15	454	594	180	-	-	-	296	540	8	102	178	367	333	100	1088	633	-	-	18	140	385	-	-	578
060-110	4	30	432	594	180	-	-	-	274	540	8	102	178	367	333	100	1067	620	-	-	18	140	385	-	-	578
		40	464	644	180	-	-	-	317	578	8	76	203	412	373	100	1148	660	-	-	18	159	423	-	-	616
		50	464	644	180	-	-	-	317	578	8	76	203	412	373	100	1148	660	-	-	18	159	423	-	-	616
		60	464	706	180	-	-	-	333	584	8	51	229	485	460	100	1170	747	-	-	18	178	462	-	-	622
	6	7.5	432	511	180	-	-	-	264	508	5	121	159	327	259	100	1025	546	-	-	18	127	329	-	-	546
		10	432	511	180	-	-	-	264	508	5	121	159	327	259	100	1025	546	-	-	18	127	329	-	-	546
		15	432	594	180	-	-	-	274	540	8	102	178	367	333	100	1067	620	-	-	18	140	385	-	-	578
		20	432	594	180	-	-	-	274	540	8	102	178	367	333	100	1067	620	-	-	18	140	385	-	-	578

Dimensions for NB pumps with ODP motors, mounting design B and C

Dimensions in inch.

Pump size	Pole	P2 [hp]	Dimensions for NB pumps with ODP motors, mounting design B and C [inch]																						
			LP	AG	X	HG3	L8	H5	Q	L6	HG1	H6	D	T	AB	B1	L11	W1	L10	D1	D2	E	B4	B7	L7	L4
012-070	2	3	10.6	10.9	3.9	0.5	3.1	1.0	5.1	11.8	0.2	2.8	3.5	6.8	5.6	2.0	23.9	10.7	0.8	0.7	0.7	2.8	8.5	10.4	7.8	13.3
		5	11.7	12.4	3.9	0.2	3.1	1.8	6.7	12.3	0.2	2.5	4.5	8.9	6.8	2.0	25.9	12.0	0.8	0.7	0.7	3.8	10.5	11.4	7.8	13.8
		7.5	11.7	13.9	3.9	0.2	3.1	1.8	6.7	12.3	0.2	2.5	4.5	8.9	6.8	2.0	25.9	12.0	0.8	0.7	0.7	3.8	10.5	11.4	7.8	13.8
		7.5	11.7	13.9	3.9	0.2	3.1	1.8	6.7	12.3	0.2	2.5	4.5	8.9	6.8	2.0	25.9	12.0	0.8	0.7	0.7	3.8	10.5	11.4	7.8	13.8
		10	11.7	14.0	3.9	0.2	3.1	1.8	7.5	15.2	0.2	1.8	5.3	10.0	7.9	2.0	29.7	13.6	0.8	0.7	0.7	4.3	11.5	11.4	7.8	16.7
		15	11.7	15.1	3.9	0.2	3.1	1.8	7.5	15.2	0.2	1.8	5.3	10.0	7.9	2.0	29.7	13.6	0.8	0.7	0.7	4.3	11.5	11.4	7.8	16.7
		15	11.7	15.1	3.9	0.2	3.1	1.8	7.5	15.2	0.2	1.8	5.3	10.0	7.9	2.0	29.7	13.6	0.8	0.7	0.7	4.3	11.5	11.4	7.8	16.7
	4	1	10.6	9.5	3.9	0.5	3.1	1.0	5.1	11.8	0.2	2.8	3.5	6.8	5.6	2.0	23.9	10.7	0.8	0.7	0.7	2.8	8.5	10.4	7.8	13.3
		1	10.6	9.5	3.9	0.5	3.1	1.0	5.1	11.8	0.2	2.8	3.5	6.8	5.6	2.0	23.9	10.7	0.8	0.7	0.7	2.8	8.5	10.4	7.8	13.3
		1	10.6	9.5	3.9	0.5	3.1	1.0	5.1	11.8	0.2	2.8	3.5	6.8	5.6	2.0	23.9	10.7	0.8	0.7	0.7	2.8	8.5	10.4	7.8	13.3
		1.5	10.6	10.9	3.9	0.5	3.1	1.0	5.1	11.8	0.2	2.8	3.5	6.8	5.6	2.0	23.9	10.7	0.8	0.7	0.7	2.8	8.5	10.4	7.8	13.3
015-070	2	5	11.7	12.4	3.9	0.2	3.1	1.8	6.7	12.3	0.2	2.5	4.5	8.9	6.8	2.0	25.9	12.3	0.8	0.7	0.7	3.8	10.5	11.4	7.8	13.8
		7.5	11.7	13.9	3.9	0.2	3.1	1.8	6.7	12.3	0.2	2.5	4.5	8.9	6.8	2.0	25.9	12.3	0.8	0.7	0.7	3.8	10.5	11.4	7.8	13.8
		10	11.7	14.0	3.9	0.2	3.1	1.8	7.5	15.2	0.2	1.8	5.3	10.0	7.9	2.0	29.7	13.6	0.8	0.7	0.7	4.3	11.5	11.4	7.8	16.7
		15	11.7	15.1	3.9	0.2	3.1	1.8	7.5	15.2	0.2	1.8	5.3	10.0	7.9	2.0	29.7	13.6	0.8	0.7	0.7	4.3	11.5	11.4	7.8	16.7
		20	12.3	19.4	3.9	0.2	3.1	1.8	7.9	18.8	0.4	0.8	6.3	12.0	9.6	2.0	33.7	15.6	0.8	0.7	0.7	5.0	12.0	11.4	7.8	20.3
	4	1	10.6	9.5	3.9	0.5	3.1	1.0	5.1	11.8	0.2	2.8	3.5	6.8	5.6	2.0	23.9	11.1	0.8	0.7	0.7	2.8	8.5	10.4	7.8	13.3
		1	10.6	9.5	3.9	0.5	3.1	1.0	5.1	11.8	0.2	2.8	3.5	6.8	5.6	2.0	23.9	11.1	0.8	0.7	0.7	2.8	8.5	10.4	7.8	13.3
		1.5	10.6	10.9	3.9	0.5	3.1	1.0	5.1	11.8	0.2	2.8	3.5	6.8	5.6	2.0	23.9	11.1	0.8	0.7	0.7	2.8	8.5	10.4	7.8	13.3
		2	10.6	10.9	3.9	0.5	3.1	1.0	5.1	11.8	0.2	2.8	3.5	6.8	5.6	2.0	23.9	11.1	0.8	0.7	0.7	2.8	8.5	10.4	7.8	13.3
		3	11.7	12.4	3.9	0.2	3.1	1.8	6.7	12.3	0.2	2.5	4.5	8.9	6.8	2.0	25.9	12.3	0.8	0.7	0.7	3.8	10.5	11.4	7.8	13.8
015-090	2	15	12.6	15.1	3.9	-	-	-	8.8	15.2	0.2	1.8	5.3	10.0	7.9	2.6	30.6	14.2	-	-	0.7	4.3	11.5	-	-	16.7
		20	13.2	19.4	3.9	0.5	3.6	1.0	8.2	18.5	0.2	1.8	6.3	12.0	9.6	2.6	35.1	16.1	0.4	0.7	0.7	5.0	13.0	12.8	8.8	20.0
		25	13.2	19.4	3.9	0.5	3.6	1.0	8.2	18.5	0.2	1.8	6.3	12.0	9.6	2.6	35.1	16.1	0.4	0.7	0.7	5.0	13.0	12.8	8.8	20.0
		30	12.7	19.4	3.9	0.5	3.6	1.0	7.5	20.8	0.5	1.0	7.0	13.6	12.2	2.6	36.6	19.2	0.4	0.7	0.7	5.5	14.0	12.8	8.8	22.3
		40	12.7	19.4	3.9	0.5	3.6	1.0	7.5	20.8	0.5	1.0	7.0	13.6	12.2	2.6	36.6	19.2	0.4	0.7	0.7	5.5	14.0	12.8	8.8	22.3
	4	1.5	11.5	10.9	3.9	-	-	-	6.3	12.8	0.2	3.5	3.5	6.8	5.6	2.6	25.7	12.6	-	-	0.7	2.8	8.5	-	-	14.3
		2	11.5	10.9	3.9	-	-	-	6.3	12.8	0.2	3.5	3.5	6.8	5.6	2.6	25.7	12.6	-	-	0.7	2.8	8.5	-	-	14.3
		3	12.6	12.4	3.9	-	-	-	7.9	13.2	0.2	2.5	4.5	8.9	6.8	2.6	27.7	13.1	-	-	0.7	3.8	10.5	-	-	14.7
		5	12.6	13.9	3.9	-	-	-	7.9	13.2	0.2	2.5	4.5	8.9	6.8	2.6	27.7	13.1	-	-	0.7	3.8	10.5	-	-	14.7
015-095	2	15	12.6	15.1	3.9	-	-	-	8.8	15.2	0.2	1.8	5.3	10.0	7.9	2.6	30.6	14.6	-	-	0.7	4.3	11.5	-	-	16.7
		20	13.2	19.4	3.9	0.5	3.6	1.0	8.2	18.5	0.2	1.8	6.3	12.0	9.6	2.6	35.1	16.3	0.4	0.7	0.7	5.0	13.0	12.8	8.8	20.0
		25	13.2	19.4	3.9	0.5	3.6	1.0	8.2	18.5	0.2	1.8	6.3	12.0	9.6	2.6	35.1	16.3	0.4	0.7	0.7	5.0	13.0	12.8	8.8	20.0
		30	12.7	19.4	3.9	0.5	3.6	1.0	7.5	20.8	0.5	1.0	7.0	13.6	12.2	2.6	36.6	19.2	0.4	0.7	0.7	5.5	14.0	12.8	8.8	22.3
		40	12.7	19.4	3.9	0.5	3.6	1.0	7.5	20.8	0.5	1.0	7.0	13.6	12.2	2.6	36.6	19.2	0.4	0.7	0.7	5.5	14.0	12.8	8.8	22.3
		50	13.2	22.2	3.9	0.2	3.8	2.0	8.2	22.0	0.5	1.0	8.0	14.6	12.2	2.6	38.7	19.9	0.5	0.7	0.7	6.3	15.5	13.8	9.0	23.5
	4	2	11.5	10.9	3.9	-	-	-	6.3	12.8	0.2	3.5	3.5	6.8	5.6	2.6	25.7	13.0	-	-	0.7	2.8	8.5	-	-	14.3
		3	12.6	12.4	3.9	-	-	-	7.9	13.2	0.2	2.5	4.5	8.9	6.8	2.6	27.7	13.4	-	-	0.7	3.8	10.5	-	-	14.7
		5	12.6	13.9	3.9	-	-	-	7.9	13.2	0.2	2.5	4.5	8.9	6.8	2.6	27.7	13.4	-	-	0.7	3.8	10.5	-	-	14.7
		7.5	12.6	14.0	3.9	-	-	-	8.8	15.2	0.2	1.8	5.3	10.0	7.9	2.6	30.6	14.6	-	-	0.7	4.3	11.5	-	-	16.7

Pump size	Pole	P2 [hp]	Dimensions for NB pumps with ODP motors, mounting design B and C [inch]																							
			LP	AG	X	HG3	L8	H5	Q	L6	HG1	H6	D	T	AB	B1	L11	W1	L10	D1	D2	E	B4	B7	L7	L4
020-095	2	15	14.2	15.1	3.9	-	-	-	10.4	15.2	0.2	1.8	5.3	10.0	7.9	2.6	32.1	14.4	-	-	0.7	4.3	11.5	-	-	16.7
		20	14.2	19.4	3.9	0.5	3.6	1.0	9.2	18.5	0.2	1.8	6.3	12.0	9.6	2.6	36.0	16.1	0.4	0.7	0.7	5.0	13.0	12.8	8.8	20.0
		25	14.2	19.4	3.9	0.5	3.6	1.0	9.2	18.5	0.2	1.8	6.3	12.0	9.6	2.6	36.0	16.1	0.4	0.7	0.7	5.0	13.0	12.8	8.8	20.0
		30	14.8	19.4	3.9	0.5	3.6	1.0	9.6	20.8	0.5	1.0	7.0	13.6	12.2	2.6	38.7	19.2	0.4	0.7	0.7	5.5	14.0	12.8	8.8	22.3
		40	14.8	19.4	3.9	0.5	3.6	1.0	9.6	20.8	0.5	1.0	7.0	13.6	12.2	2.6	38.7	19.2	0.4	0.7	0.7	5.5	14.0	12.8	8.8	22.3
		50	14.9	22.2	3.9	0.2	3.8	2.0	9.9	22.0	0.5	1.0	8.0	14.6	12.2	2.6	40.4	19.9	0.5	0.7	0.7	6.3	15.5	13.8	9.0	23.5
		60	14.9	21.7	3.9	0.2	3.8	2.0	9.9	22.0	0.5	1.0	8.0	15.6	13.2	2.6	40.4	20.9	0.5	0.7	0.7	6.3	15.5	13.8	9.0	23.5
		60	14.9	21.7	3.9	0.2	3.8	2.0	9.9	22.0	0.5	1.0	8.0	15.6	13.2	2.6	40.4	20.9	0.5	0.7	0.7	6.3	15.5	13.8	9.0	23.5
	4	2	11.5	10.9	3.9	-	-	-	6.3	12.8	0.2	3.5	3.5	6.8	5.6	2.6	25.7	12.8	-	-	0.7	2.8	8.5	-	-	14.3
		3	12.6	12.4	3.9	-	-	-	7.9	13.2	0.2	2.5	4.5	8.9	6.8	2.6	27.7	13.2	-	-	0.7	3.8	10.5	-	-	14.7
		5	12.6	13.9	3.9	-	-	-	7.9	13.2	0.2	2.5	4.5	8.9	6.8	2.6	27.7	13.2	-	-	0.7	3.8	10.5	-	-	14.7
		7.5	12.6	14.0	3.9	-	-	-	8.8	15.2	0.2	1.8	5.3	10.0	7.9	2.6	30.6	14.4	-	-	0.7	4.3	11.5	-	-	16.7
020-110	4	5	12.6	13.9	3.9	-	-	-	7.9	13.2	0.2	2.5	4.5	8.9	6.8	2.6	27.7	13.7	-	-	0.7	3.8	10.5	-	-	14.7
		7.5	12.6	14.0	3.9	-	-	-	8.8	15.2	0.2	1.8	5.3	10.0	7.9	2.6	30.6	14.8	-	-	0.7	4.3	11.5	-	-	16.7
		10	12.6	15.1	3.9	-	-	-	8.8	15.2	0.2	1.8	5.3	10.0	7.9	2.6	30.6	14.8	-	-	0.7	4.3	11.5	-	-	16.7
		15	13.2	19.4	3.9	-	-	-	9.2	18.8	0.4	0.8	6.3	12.0	9.6	2.6	34.6	16.6	-	-	0.7	5.0	12.0	-	-	20.3
020-135	4	7.5	15.2	14.0	5.5	-	-	-	10.4	15.2	0.2	3.8	5.3	10.0	7.9	2.6	33.2	16.6	-	-	0.7	4.3	11.5	-	-	16.7
		10	15.2	15.1	5.5	-	-	-	10.4	15.2	0.2	3.8	5.3	10.0	7.9	2.6	33.2	16.6	-	-	0.7	4.3	11.5	-	-	16.7
		15	15.2	19.4	5.5	-	-	-	10.9	19.0	0.2	2.8	6.3	12.0	9.6	2.6	37.6	18.2	-	-	0.7	5.0	13.0	-	-	20.5
		20	15.2	19.4	5.5	-	-	-	10.9	19.0	0.2	2.8	6.3	12.0	9.6	2.6	37.6	18.2	-	-	0.7	5.0	13.0	-	-	20.5
		25	15.8	20.7	5.5	-	-	-	11.9	20.3	0.3	2.0	7.0	13.6	12.2	2.6	39.8	20.8	-	-	0.7	5.5	15.2	-	-	21.8
025-070	2	7.5	12.6	13.9	5.5	0.4	3.6	0.8	6.2	13.2	0.2	2.5	4.5	8.9	6.8	2.6	27.7	12.3	0.4	0.7	0.7	3.8	10.5	11.3	8.8	14.7
		10	12.6	14.0	5.5	0.4	3.6	0.8	7.0	15.2	0.2	1.8	5.3	10.0	7.9	2.6	30.6	13.6	0.4	0.7	0.7	4.3	11.5	11.3	8.8	16.7
		15	12.6	15.1	5.5	0.4	3.6	0.8	7.0	15.2	0.2	1.8	5.3	10.0	7.9	2.6	30.6	13.6	0.4	0.7	0.7	4.3	11.5	11.3	8.8	16.7
		20	13.2	19.4	5.5	0.4	3.6	0.8	7.4	18.8	0.4	0.8	6.3	12.0	9.6	2.6	34.6	15.6	0.4	0.7	0.7	5.0	12.0	11.3	8.8	20.3
		25	13.2	19.4	5.5	0.4	3.6	0.8	7.4	18.8	0.4	0.8	6.3	12.0	9.6	2.6	34.6	15.6	0.4	0.7	0.7	5.0	12.0	11.3	8.8	20.3
		30	12.7	19.4	5.5	0.2	3.8	1.8	7.3	20.8	0.5	1.0	7.0	13.6	12.2	2.6	36.6	19.2	0.5	0.7	0.7	5.5	14.0	12.3	9.0	22.3
	4	1	11.5	9.5	5.5	-	-	-	6.3	11.8	0.2	2.8	3.5	6.8	5.6	2.6	24.7	11.2	-	-	0.7	2.8	8.5	-	-	13.3
		1.5	11.5	10.9	5.5	-	-	-	6.3	11.8	0.2	2.8	3.5	6.8	5.6	2.6	24.7	11.2	-	-	0.7	2.8	8.5	-	-	13.3
		2	11.5	10.9	5.5	-	-	-	6.3	11.8	0.2	2.8	3.5	6.8	5.6	2.6	24.7	11.2	-	-	0.7	2.8	8.5	-	-	13.3
		3	12.6	12.4	5.5	0.4	3.6	0.8	6.2	13.2	0.2	2.5	4.5	8.9	6.8	2.6	27.7	12.3	0.4	0.7	0.7	3.8	10.5	11.3	8.8	14.7
		5	12.6	13.9	5.5	0.4	3.6	0.8	6.2	13.2	0.2	2.5	4.5	8.9	6.8	2.6	27.7	12.3	0.4	0.7	0.7	3.8	10.5	11.3	8.8	14.7
025-095	2	25	14.2	19.4	3.9	-	-	-	10.5	18.5	0.2	1.8	6.3	12.0	9.6	3.2	36.0	17.0	-	-	0.7	5.0	13.0	-	-	20.0
		30	14.8	19.4	3.9	-	-	-	10.9	20.8	0.5	1.0	7.0	13.6	12.2	3.2	38.7	19.6	-	-	0.7	5.5	14.0	-	-	22.3
		40	14.8	19.4	3.9	-	-	-	10.9	20.8	0.5	1.0	7.0	13.6	12.2	3.2	38.7	19.6	-	-	0.7	5.5	14.0	-	-	22.3
		50	14.9	22.2	3.9	0.5	4.5	1.0	9.2	22.0	0.5	1.0	8.0	14.6	12.2	3.2	40.4	19.9	1.3	0.7	0.7	6.3	15.5	15.0	10.5	23.5
		60	14.9	21.7	3.9	0.5	4.5	1.0	9.2	22.0	0.5	1.0	8.0	15.6	13.2	3.2	40.4	20.9	1.3	0.7	0.7	6.3	15.5	15.0	10.5	23.5
		75	14.9	22.3	3.9	0.2	4.5	2.0	9.7	23.0	0.5	1.0	9.0	16.6	12.6	3.2	41.9	21.1	1.3	0.7	0.7	7.0	17.0	15.9	10.5	24.5
		75	14.9	22.3	3.9	0.2	4.5	2.0	9.7	23.0	0.5	1.0	9.0	16.6	12.6	3.2	41.9	21.1	1.3	0.7	0.7	7.0	17.0	15.9	10.5	24.5
	4	3	12.6	12.4	3.9	-	-	-	7.5	13.2	0.2	3.5	4.5	8.9	6.8	3.2	27.7	14.4	-	-	0.7	3.8	10.5	-	-	14.7
		5	12.6	13.9	3.9	-	-	-	7.5	13.2	0.2	3.5	4.5	8.9	6.8	3.2	27.7	14.4	-	-	0.7	3.8	10.5	-	-	14.7
		7.5	12.6	14.0	3.9	-	-	-	8.4	15.2	0.2	2.8	5.3	10.0	7.9	3.2	30.6	15.2	-	-	0.7	4.3	11.5	-	-	16.7
		10	12.6	15.1	3.9	-	-	-	8.4	15.2	0.2	2.8	5.3	10.0	7.9	3.2	30.6	15.2	-	-	0.7	4.3	11.5	-	-	16.7
	6	1	11.5	10.9	3.9	-	-	-	5.9	13.0	0.2	4.5	3.5	6.8	5.6	3.2	25.9	14.4	-	-	0.7	2.8	8.5	-	-	14.5
		1.5	12.6	12.4	3.9	-	-	-	7.5	13.2	0.2	3.5	4.5	8.9	6.8	3.2	27.7	14.4	-	-	0.7	3.8	10.5	-	-	14.7
		2	12.6	13.9	3.9	-	-	-	7.5	13.2	0.2	3.5	4.5	8.9	6.8	3.2	27.7	14.4	-	-	0.7	3.8	10.5	-	-	14.7
		3	12.6	14.0	3.9	-	-	-	8.4	15.2	0.2	2.8	5.3	10.0	7.9	3.2	30.6	15.2	-	-	0.7	4.3	11.5	-	-	16.7
025-110	4	7.5	15.2	14.0	5.5	-	-	-	9.9	15.2	0.2	2.8	5.3	10.0	7.9	3.2	33.2	15.6	-	-	0.7	4.3	11.5	-	-	16.7
		10	15.2	15.1	5.5	-	-	-	9.9	15.2	0.2	2.8	5.3	10.0	7.9	3.2	33.2	15.6	-	-	0.7	4.3	11.5	-	-	16.7
		15	15.2	19.4	5.5	-	-	-	10.4	18.5	0.2	1.8	6.3	12.0	9.6	3.2	37.1	17.3	-	-	0.7	5.0	13.0	-	-	20.0
	6	2	15.2	13.9	5.5	-	-	-	9.0	13.2	0.2	3.5	4.5	8.9	6.8	3.2	30.3	14.8	-	-	0.7	3.8	10.5	-	-	14.7
		3	15.2	14.0	5.5	-	-	-	9.9	15.2	0.2	2.8	5.3	10.0	7.9	3.2	33.2	15.6	-	-	0.7	4.3	11.5	-	-	16.7
		5	15.2	15.1	5.5	-	-	-	9.9	15.2	0.2	2.8	5.3	10.0	7.9	3.2	33.2	15.6	-	-	0.7	4.3	11.5	-	-	16.7

Pump size	Pole	P2 [hp]	Dimensions for NB pumps with ODP motors, mounting design B and C [inch]																						
			LP	AG	X	HG3	L8	H5	Q	L6	HG1	H6	D	T	AB	B1	L11	W1	L10	D1	D2	E	B4	B7	L7	L4
030-070	2	15	12.6	15.1	5.5	0.4	3.6	0.8	7.0	15.2	0.2	1.8	5.3	10.0	7.9	2.6	30.6	14.4	0.4	0.7	0.7	4.3	11.5	11.3	8.8	16.7
		20	13.2	19.4	5.5	0.4	3.6	0.8	7.4	18.8	0.4	0.8	6.3	12.0	9.6	2.6	34.6	16.1	0.4	0.7	0.7	5.0	12.0	11.3	8.8	20.3
		25	13.2	19.4	5.5	0.4	3.6	0.8	7.4	18.8	0.4	0.8	6.3	12.0	9.6	2.6	34.6	16.1	0.4	0.7	0.7	5.0	12.0	11.3	8.8	20.3
		30	12.7	19.4	5.5	0.2	3.8	1.8	7.3	20.8	0.5	1.0	7.0	13.6	12.2	2.6	36.6	19.2	0.5	0.7	0.7	5.5	14.0	12.3	9.0	22.3
		40	12.7	19.4	5.5	0.2	3.8	1.8	7.3	20.8	0.5	1.0	7.0	13.6	12.2	2.6	36.6	19.2	0.5	0.7	0.7	5.5	14.0	12.3	9.0	22.3
	4	1.5	11.5	10.9	5.5	-	-	-	6.3	11.8	0.2	2.8	3.5	6.8	5.6	2.6	24.7	12.1	-	-	0.7	2.8	8.5	-	-	13.3
		2	11.5	10.9	5.5	-	-	-	6.3	11.8	0.2	2.8	3.5	6.8	5.6	2.6	24.7	12.1	-	-	0.7	2.8	8.5	-	-	13.3
		3	12.6	12.4	5.5	0.4	3.6	0.8	6.2	13.2	0.2	2.5	4.5	8.9	6.8	2.6	27.7	13.3	0.4	0.7	0.7	3.8	10.5	11.3	8.8	14.7
		5	12.6	13.9	5.5	0.4	3.6	0.8	6.2	13.2	0.2	2.5	4.5	8.9	6.8	2.6	27.7	13.3	0.4	0.7	0.7	3.8	10.5	11.3	8.8	14.7
030-095	2	40	16.6	19.4	5.5	-	-	-	11.6	20.8	0.5	1.0	7.0	13.6	12.2	3.2	40.5	20.4	-	-	0.7	5.5	14.0	-	-	22.3
		50	16.7	22.2	5.5	0.5	4.5	1.0	10.0	22.0	0.5	1.0	8.0	14.6	12.2	3.2	42.2	20.4	0.3	0.7	0.7	6.3	15.5	16.3	10.5	23.5
		60	16.7	21.7	5.5	0.5	4.5	1.0	10.0	22.0	0.5	1.0	8.0	15.6	13.2	3.2	42.2	21.4	0.3	0.7	0.7	6.3	15.5	16.3	10.5	23.5
		75	16.7	22.3	5.5	0.2	4.5	2.0	10.5	23.0	0.5	1.0	9.0	16.6	12.6	3.2	43.7	21.1	0.3	0.7	0.7	7.0	17.0	17.3	10.5	24.5
		100	16.7	25.0	6	0.2	4.5	2	10.5	23.0	0.5	1	9	18.5	12.6	3.2	43.7	21.1	0.3	0.7	0.7	7.0	17	17.3	10.5	24.5
		125	19.1	27.8	6	0.2	4.3	3	11.5	27.5	0.5	1	10	21.3	16.4	3.2	46.9	26.4	-	0.7	0.7	8.0	20	17.3	10.0	27.5
	4	5	14.4	13.9	5.5	-	-	-	8.2	13.2	0.2	3.5	4.5	8.9	6.8	3.2	29.5	16.1	-	-	0.7	3.8	10.5	-	-	14.7
		7.5	14.4	14.0	5.5	-	-	-	9.1	15.2	0.2	2.8	5.3	10.0	7.9	3.2	32.4	16.1	-	-	0.7	4.3	11.5	-	-	16.7
		10	14.4	15.1	5.5	-	-	-	9.1	15.2	0.2	2.8	5.3	10.0	7.9	3.2	32.4	16.1	-	-	0.7	4.3	11.5	-	-	16.7
		15	15.0	19.4	5.5	-	-	-	10.2	18.5	0.2	1.8	6.3	12.0	9.6	3.2	36.8	17.9	-	-	0.7	5.0	13.0	-	-	20.0
	6	1.5	14.4	12.4	5.5	-	-	-	8.2	13.2	0.2	3.5	4.5	8.9	6.8	3.2	29.5	16.1	-	-	0.7	3.8	10.5	-	-	14.7
		2	14.4	13.9	5.5	-	-	-	8.2	13.2	0.2	3.5	4.5	8.9	6.8	3.2	29.5	16.1	-	-	0.7	3.8	10.5	-	-	14.7
		3	14.4	14.0	5.5	-	-	-	9.1	15.2	0.2	2.8	5.3	10.0	7.9	3.2	32.4	16.1	-	-	0.7	4.3	11.5	-	-	16.7
		5	14.4	15.1	5.5	-	-	-	9.1	15.2	0.2	2.8	5.3	10.0	7.9	3.2	32.4	16.1	-	-	0.7	4.3	11.5	-	-	16.7
030-110	4	10	15.2	15.1	5.5	-	-	-	9.9	15.2	0.2	2.8	5.3	10.0	7.9	3.2	33.2	15.9	-	-	0.7	4.3	11.5	-	-	16.7
		15	15.2	19.4	5.5	-	-	-	10.4	18.5	0.2	1.8	6.3	12.0	9.6	3.2	37.1	17.7	-	-	0.7	5.0	13.0	-	-	20.0
		20	15.2	19.4	5.5	-	-	-	10.4	18.5	0.2	1.8	6.3	12.0	9.6	3.2	37.1	17.7	-	-	0.7	5.0	13.0	-	-	20.0
	6	3	15.2	14.0	5.5	-	-	-	9.9	15.2	0.2	2.8	5.3	10.0	7.9	3.2	33.2	15.9	-	-	0.7	4.3	11.5	-	-	16.7
		5	15.2	15.1	5.5	-	-	-	9.9	15.2	0.2	2.8	5.3	10.0	7.9	3.2	33.2	15.9	-	-	0.7	4.3	11.5	-	-	16.7
		7.5	15.2	19.4	5.5	-	-	-	10.4	18.5	0.2	1.8	6.3	12.0	9.6	3.2	37.1	17.7	-	-	0.7	5.0	13.0	-	-	20.0
030-135	4	15	15.2	19.4	5.5	-	-	-	10.4	19.5	0.2	3.8	6.3	12.0	9.6	3.0	38.1	19.0	-	-	0.7	5.0	13.0	-	-	21.0
		20	15.2	19.4	5.5	-	-	-	10.4	19.5	0.2	3.8	6.3	12.0	9.6	3.0	38.1	19.0	-	-	0.7	5.0	13.0	-	-	21.0
		25	15.8	20.7	5.5	-	-	-	11.5	20.8	0.3	3.0	7.0	13.6	12.2	3.0	40.3	21.6	-	-	0.7	5.5	15.2	-	-	22.3
		30	15.8	21.7	5.5	-	-	-	11.5	20.8	0.3	3.0	7.0	13.6	12.2	3.0	40.3	21.6	-	-	0.7	5.5	15.2	-	-	22.3
		40	16.5	22.1	5.5	-	-	-	12.5	21.8	0.3	2.0	8.0	14.6	12.2	3.0	42.4	21.6	-	-	0.7	6.3	16.7	-	-	23.3
	6	5	15.2	15.1	5.5	-	-	-	9.9	16.0	0.2	4.8	5.3	10.0	7.9	3.0	34.0	17.6	-	-	0.7	4.3	11.5	-	-	17.5
		7.5	15.2	19.4	5.5	-	-	-	10.4	19.5	0.2	3.8	6.3	12.0	9.6	3.0	38.1	19.0	-	-	0.7	5.0	13.0	-	-	21.0
		10	15.2	19.4	5.5	-	-	-	10.4	19.5	0.2	3.8	6.3	12.0	9.6	3.0	38.1	19.0	-	-	0.7	5.0	13.0	-	-	21.0
		15	15.8	20.7	5.5	-	-	-	11.5	20.8	0.3	3.0	7.0	13.6	12.2	3.0	40.3	21.6	-	-	0.7	5.5	15.2	-	-	22.3
040-070	2	20	14.2	19.4	5.5	0.5	3.6	1.0	8.2	18.5	0.2	1.8	6.3	12.0	9.6	2.6	36.1	16.8	0.6	0.7	0.7	5.0	13.0	14.0	8.8	20.0
		25	14.2	19.4	5.5	0.5	3.6	1.0	8.2	18.5	0.2	1.8	6.3	12.0	9.6	2.6	36.1	16.8	0.6	0.7	0.7	5.0	13.0	14.0	8.8	20.0
		30	13.7	19.4	5.5	0.5	3.6	1.0	7.5	20.8	0.5	1.0	7.0	13.6	12.2	2.6	37.6	19.3	0.6	0.7	0.7	5.5	14.0	14.0	8.8	22.3
		40	13.7	19.4	5.5	0.5	3.6	1.0	7.5	20.8	0.5	1.0	7.0	13.6	12.2	2.6	37.6	19.3	0.6	0.7	0.7	5.5	14.0	14.0	8.8	22.3
		50	14.2	22.2	5.5	0.2	3.8	2.0	8.2	22.0	0.5	1.0	8.0	14.6	12.2	2.6	39.7	19.9	0.5	0.7	0.7	6.3	15.5	15.0	9.0	23.5
	4	2	12.5	10.9	5.5	-	-	-	6.3	12.8	0.2	3.5	3.5	6.8	5.6	2.6	26.7	13.9	-	-	0.7	2.8	8.5	-	-	14.3
		3	13.6	12.4	5.5	-	-	-	7.9	13.2	0.2	2.5	4.5	8.9	6.8	2.6	28.7	13.9	-	-	0.7	3.8	10.5	-	-	14.7
		5	13.6	13.9	5.5	-	-	-	7.9	13.2	0.2	2.5	4.5	8.9	6.8	2.6	28.7	13.9	-	-	0.7	3.8	10.5	-	-	14.7
		7.5	13.6	14.0	5.5	-	-	-	8.8	15.2	0.2	1.8	5.3	10.0	7.9	2.6	31.6	15.0	-	-	0.7	4.3	11.5	-	-	16.7
	6	1	12.5	10.9	5.5	-	-	-	6.0	12.8	0.2	3.5	3.5	-	-	2.6	26.4	13.9	-	-	0.7	2.4	7.8	-	-	14.3
		1	12.5	10.9	5.5	-	-	-	6.3	12.8	0.2	3.5	3.5	6.8	5.6	2.6	26.7	13.9	-	-	0.7	2.8	8.5	-	-	14.3
		1.5	13.6	12.4	5.5	-	-	-	7.9	13.2	0.2	2.5	4.5	8.9	6.8	2.6	28.7	13.9	-	-	0.7	3.8	10.5	-	-	14.7
		2	13.6	13.9	5.5	-	-	-	7.9	13.2	0.2	2.5	4.5	8.9	6.8	2.6	28.7	13.9	-	-	0.7	3.8	10.5	-	-	14.7

Pump size	Pole	P2 [hp]	Dimensions for NB pumps with ODP motors, mounting design B and C [inch]																							
			LP	AG	X	HG3	L8	H5	Q	L6	HG1	H6	D	T	AB	B1	L11	W1	L10	D1	D2	E	B4	B7	L7	L4
040-095	2	60	17.2	21.7	5.5	-	-	-	12.1	22.0	0.5	1.0	8.0	15.6	13.2	3.2	42.7	22.1	-	-	0.7	6.3	15.5	-	-	23.5
		75	17.2	22.3	5.5	0.5	4.5	1.0	10.5	23.0	0.5	1.0	9.0	16.6	12.6	3.2	44.2	21.5	0.3	0.7	0.7	7.0	17.0	16.3	10.5	24.5
		100	16.7	25	6	0.2	4.5	2	10.5	23.0	0.5	1	9	18.5	12.6	3.2	44.2	21.5	0.3	0.7	0.7	7.0	17	16.3	10.5	24.5
		125	19.1	27.8	6	0.2	4.3	3	11.5	27.5	0.5	1	10	21.3	16.4	3.2	47.9	26.4	0.3	0.7	0.7	8.0	20	17.3	10.5	27.5
	4	7.5	14.9	14.0	5.5	-	-	-	9.1	15.2	0.2	3.8	5.3	10.0	7.9	3.2	32.9	16.8	-	-	0.7	4.3	11.5	-	-	16.7
		10	14.9	15.1	5.5	-	-	-	9.1	15.2	0.2	3.8	5.3	10.0	7.9	3.2	32.9	16.8	-	-	0.7	4.3	11.5	-	-	16.7
		15	15.5	19.4	5.5	-	-	-	10.2	19.0	0.2	2.8	6.3	12.0	9.6	3.2	37.8	18.6	-	-	0.7	5.0	13.0	-	-	20.5
		20	15.5	19.4	5.5	-	-	-	10.2	19.0	0.2	2.8	6.3	12.0	9.6	3.2	37.8	18.6	-	-	0.7	5.0	13.0	-	-	20.5
	6	2	14.9	13.9	5.5	-	-	-	8.2	13.8	0.2	4.5	4.5	8.9	6.8	3.2	30.6	16.8	-	-	0.7	3.8	10.5	-	-	15.3
		3	14.9	14.0	5.5	-	-	-	9.1	15.2	0.2	3.8	5.3	10.0	7.9	3.2	32.9	16.8	-	-	0.7	4.3	11.5	-	-	16.7
		5	14.9	15.1	5.5	-	-	-	9.1	15.2	0.2	3.8	5.3	10.0	7.9	3.2	32.9	16.8	-	-	0.7	4.3	11.5	-	-	16.7
		7.5	15.5	19.4	5.5	-	-	-	10.2	19.0	0.2	2.8	6.3	12.0	9.6	3.2	37.8	18.6	-	-	0.7	5.0	13.0	-	-	20.5
040-110	4	15	15.7	19.4	5.5	-	-	-	10.4	19.0	0.2	2.8	6.3	12.0	9.6	3.2	38.1	18.6	-	-	0.7	5.0	13.0	-	-	20.5
		20	15.7	19.4	5.5	-	-	-	10.4	19.0	0.2	2.8	6.3	12.0	9.6	3.2	38.1	18.6	-	-	0.7	5.0	13.0	-	-	20.5
		25	16.3	20.7	5.5	-	-	-	11.5	20.3	0.3	2.0	7.0	13.6	12.2	3.2	40.3	21.1	-	-	0.7	5.5	15.2	-	-	21.8
		30	16.3	21.7	5.5	-	-	-	11.5	20.3	0.3	2.0	7.0	13.6	12.2	3.2	40.3	21.1	-	-	0.7	5.5	15.2	-	-	21.8
	6	3	15.7	14.0	5.5	-	-	-	9.9	15.2	0.2	3.8	5.3	10.0	7.9	3.2	33.7	16.8	-	-	0.7	4.3	11.5	-	-	16.7
		5	15.7	15.1	5.5	-	-	-	9.9	15.2	0.2	3.8	5.3	10.0	7.9	3.2	33.7	16.8	-	-	0.7	4.3	11.5	-	-	16.7
		7.5	15.7	19.4	5.5	-	-	-	10.4	19.0	0.2	2.8	6.3	12.0	9.6	3.2	38.1	18.6	-	-	0.7	5.0	13.0	-	-	20.5
		10	15.7	19.4	5.5	-	-	-	10.4	19.0	0.2	2.8	6.3	12.0	9.6	3.2	38.1	18.6	-	-	0.7	5.0	13.0	-	-	20.5
040-135	4	20	15.7	19.4	5.5	-	-	-	10.5	19.5	0.2	3.8	6.3	12.0	9.6	3.2	38.6	19.2	-	-	0.7	5.0	13.0	-	-	21.0
		25	16.3	20.7	5.5	-	-	-	11.5	20.8	0.3	3.0	7.0	13.6	12.2	3.2	40.8	21.8	-	-	0.7	5.5	15.2	-	-	22.3
		30	16.3	21.7	5.5	-	-	-	11.5	20.8	0.3	3.0	7.0	13.6	12.2	3.2	40.8	21.8	-	-	0.7	5.5	15.2	-	-	22.3
		40	17.0	22.1	5.5	-	-	-	12.6	21.8	0.3	2.0	8.0	14.6	12.2	3.2	42.9	21.8	-	-	0.7	6.3	16.7	-	-	23.3
		50	17.0	23.7	5.5	-	-	-	12.6	21.8	0.3	2.0	8.0	15.6	13.2	3.2	42.9	22.8	-	-	0.7	6.3	16.7	-	-	23.3
	6	5	15.7	15.1	5.5	-	-	-	10.0	16.0	0.2	4.8	5.3	10.0	7.9	3.2	34.5	17.7	-	-	0.7	4.3	11.5	-	-	17.5
		7.5	15.7	19.4	5.5	-	-	-	10.5	19.5	0.2	3.8	6.3	12.0	9.6	3.2	38.6	19.2	-	-	0.7	5.0	13.0	-	-	21.0
		10	15.7	19.4	5.5	-	-	-	10.5	19.5	0.2	3.8	6.3	12.0	9.6	3.2	38.6	19.2	-	-	0.7	5.0	13.0	-	-	21.0
		15	16.3	20.7	5.5	-	-	-	11.5	20.8	0.3	3.0	7.0	13.6	12.2	3.2	40.8	21.8	-	-	0.7	5.5	15.2	-	-	22.3
050-070	2	25	14.2	19.4	5.5	-	-	-	9.4	18.5	0.2	1.8	6.3	12.0	9.6	3.2	36.1	18.1	-	-	0.7	5.0	13.0	-	-	20.0
		30	13.7	19.4	5.5	-	-	-	8.7	20.8	0.5	1.0	7.0	13.6	12.2	3.2	37.6	20.7	-	-	0.7	5.5	14.0	-	-	22.3
		40	13.7	19.4	5.5	-	-	-	8.7	20.8	0.5	1.0	7.0	13.6	12.2	3.2	37.6	20.7	-	-	0.7	5.5	14.0	-	-	22.3
		50	14.2	22.2	5.5	0.5	4.5	1.0	7.5	22.0	0.5	1.0	8.0	14.6	12.2	3.2	39.7	20.7	0.3	0.7	0.7	6.3	15.5	15.0	10.5	23.5
		60	14.2	21.7	5.5	0.5	4.5	1.0	7.5	22.0	0.5	1.0	8.0	15.6	13.2	3.2	39.7	21.7	0.3	0.7	0.7	6.3	15.5	15.0	10.5	23.5
		75	14.2	22.3	5.5	0.2	4.5	2.0	8.0	23.0	0.5	1.0	9.0	16.6	12.6	3.2	41.2	21.1	0.3	0.7	0.7	7.0	17.0	15.9	10.5	24.5
	4	3	13.6	12.4	5.5	-	-	-	7.4	13.2	0.2	3.5	4.5	8.9	6.8	3.2	28.7	15.6	-	-	0.7	3.8	10.5	-	-	14.7
		5	13.6	13.9	5.5	-	-	-	7.4	13.2	0.2	3.5	4.5	8.9	6.8	3.2	28.7	15.6	-	-	0.7	3.8	10.5	-	-	14.7
		7.5	13.6	14.0	5.5	-	-	-	8.3	15.2	0.2	2.8	5.3	10.0	7.9	3.2	31.6	16.4	-	-	0.7	4.3	11.5	-	-	16.7
		10	13.6	15.1	5.5	-	-	-	8.3	15.2	0.2	2.8	5.3	10.0	7.9	3.2	31.6	16.4	-	-	0.7	4.3	11.5	-	-	16.7
	6	1	12.5	10.9	5.5	-	-	-	5.8	13.0	0.2	4.5	3.5	6.8	5.6	3.2	26.9	15.6	-	-	0.7	2.8	8.5	-	-	14.5
		1	12.5	10.9	5.5	-	-	-	5.8	13.0	0.2	4.5	3.5	6.8	5.6	3.2	26.9	15.6	-	-	0.7	2.8	8.5	-	-	14.5
		1.5	13.6	12.4	5.5	-	-	-	7.4	13.2	0.2	3.5	4.5	8.9	6.8	3.2	28.7	15.6	-	-	0.7	3.8	10.5	-	-	14.7
		2	13.6	13.9	5.5	-	-	-	7.4	13.2	0.2	3.5	4.5	8.9	6.8	3.2	28.7	15.6	-	-	0.7	3.8	10.5	-	-	14.7
		3	13.6	14.0	5.5	-	-	-	8.3	15.2	0.2	2.8	5.3	10.0	7.9	3.2	31.6	16.4	-	-	0.7	4.3	11.5	-	-	16.7
050-095	4	10	15.9	15.1	5.5	-	-	-	10.1	16.0	0.2	4.8	5.3	10.0	7.9	3.2	34.7	17.2	-	-	0.7	4.3	11.5	-	-	17.5
		15	16.5	19.4	5.5	-	-	-	11.2	19.5	0.2	3.8	6.3	12.0	9.6	3.2	39.3	18.9	-	-	0.7	5.0	13.0	-	-	21.0
		20	16.5	19.4	5.5	-	-	-	11.2	19.5	0.2	3.8	6.3	12.0	9.6	3.2	39.3	18.9	-	-	0.7	5.0	13.0	-	-	21.0
		25	17.1	20.7	5.5	-	-	-	12.2	20.8	0.3	3.0	7.0	13.6	12.2	3.2	41.6	21.5	-	-	0.7	5.5	15.2	-	-	22.3
		30	17.1	21.7	5.5	-	-	-	12.2	20.8	0.3	3.0	7.0	13.6	12.2	3.2	41.6	21.5	-	-	0.7	5.5	15.2	-	-	22.3
	6	3	15.9	14.0	5.5	-	-	-	10.1	16.0	0.2	4.8	5.3	10.0	7.9	3.2	34.7	17.2	-	-	0.7	4.3	11.5	-	-	17.5
		5	15.9	15.1	5.5	-	-	-	10.1	16.0	0.2	4.8	5.3	10.0	7.9	3.2	34.7	17.2	-	-	0.7	4.3	11.5	-	-	17.5
		7.5	16.5	19.4	5.5	-	-	-	11.2	19.5	0.2	3.8	6.3	12.0	9.6	3.2	39.3	18.9	-	-	0.7	5.0	13.0	-	-	21.0
		10	16.5	19.4	5.5	-	-	-	11.2	19.5	0.2	3.8	6.3	12.0	9.6	3.2	39.3	18.9	-	-	0.7	5.0	13.0	-	-	21.0

Pump size	Pole	P2 [hp]	Dimensions for NB pumps with ODP motors, mounting design B and C [inch]																						
			LP	AG	X	HG3	L8	H5	Q	L6	HG1	H6	D	T	AB	B1	L11	W1	L10	D1	D2	E	B4	B7	L7	L4
050-110	4	20	15.7	19.4	7.1	-	-	-	10.4	19.5	0.2	3.8	6.3	12.0	9.6	3.4	38.6	19.6	-	-	0.7	5.0	13.0	-	-	21.0
		25	16.3	20.7	7.1	-	-	-	11.5	20.8	0.3	3.0	7.0	13.6	12.2	3.4	40.8	22.2	-	-	0.7	5.5	15.2	-	-	22.3
		30	16.3	21.7	7.1	-	-	-	11.5	20.8	0.3	3.0	7.0	13.6	12.2	3.4	40.8	22.2	-	-	0.7	5.5	15.2	-	-	22.3
		40	17.0	22.1	7.1	-	-	-	12.5	21.8	0.3	2.0	8.0	14.6	12.2	3.4	42.9	22.2	-	-	0.7	6.3	16.7	-	-	23.3
	6	5	15.7	15.1	7.1	-	-	-	9.9	16.0	0.2	4.8	5.3	10.0	7.9	3.4	34.5	18.1	-	-	0.7	4.3	11.5	-	-	17.5
		7.5	15.7	19.4	7.1	-	-	-	10.4	19.5	0.2	3.8	6.3	12.0	9.6	3.4	38.6	19.6	-	-	0.7	5.0	13.0	-	-	21.0
		10	15.7	19.4	7.1	-	-	-	10.4	19.5	0.2	3.8	6.3	12.0	9.6	3.4	38.6	19.6	-	-	0.7	5.0	13.0	-	-	21.0
		15	16.3	20.7	7.1	-	-	-	11.5	20.8	0.3	3.0	7.0	13.6	12.2	3.4	40.8	22.2	-	-	0.7	5.5	15.2	-	-	22.3
050-135	4	25	16.3	20.7	7.1	-	-	-	10.8	21.3	0.3	4.0	7.0	13.6	12.2	3.9	41.2	22.8	-	-	0.7	5.5	15.2	-	-	22.8
		30	16.3	21.7	7.1	-	-	-	10.8	21.3	0.3	4.0	7.0	13.6	12.2	3.9	41.2	22.8	-	-	0.7	5.5	15.2	-	-	22.8
		40	17.5	22.1	7.1	-	-	-	12.5	22.8	0.3	3.0	8.0	14.6	12.2	3.9	44.4	22.9	-	-	0.7	6.3	16.7	-	-	24.3
		50	17.5	23.7	7.1	-	-	-	12.5	22.8	0.3	3.0	8.0	15.6	13.2	3.9	44.4	23.9	-	-	0.7	6.3	16.7	-	-	24.3
		60	17.5	25.1	7.1	-	-	-	13.1	23.0	0.3	2.0	9.0	16.6	13.2	3.9	45.3	23.8	-	-	0.7	7.0	18.2	-	-	24.5
		75	17.5	28.1	7.1	-	-	-	13.1	23.0	0.3	2.0	9.0	17.4	14.0	3.9	45.3	24.6	-	-	0.7	7.0	18.2	-	-	24.5
	6	10	16.3	19.4	7.1	-	-	-	10.4	20.0	0.2	4.8	6.3	12.0	9.6	3.9	39.6	20.5	-	-	0.7	5.0	13.0	-	-	21.5
		15	16.3	20.7	7.1	-	-	-	10.8	21.3	0.3	4.0	7.0	13.6	12.2	3.9	41.2	22.8	-	-	0.7	5.5	15.2	-	-	22.8
		20	16.3	21.7	7.1	-	-	-	10.8	21.3	0.3	4.0	7.0	13.6	12.2	3.9	41.2	22.8	-	-	0.7	5.5	15.2	-	-	22.8
060-095	4	15	17.2	19.4	7.1	-	-	-	10.6	20.0	0.2	4.8	6.3	12.0	9.6	3.9	40.6	21.7	-	-	0.7	5.0	13.0	-	-	21.5
		20	17.2	19.4	7.1	-	-	-	10.6	20.0	0.2	4.8	6.3	12.0	9.6	3.9	40.6	21.7	-	-	0.7	5.0	13.0	-	-	21.5
		25	17.9	20.7	7.1	-	-	-	11.7	21.3	0.3	4.0	7.0	13.6	12.2	3.9	42.9	24.0	-	-	0.7	5.5	15.2	-	-	22.8
		30	17.9	21.7	7.1	-	-	-	11.7	21.3	0.3	4.0	7.0	13.6	12.2	3.9	42.9	24.0	-	-	0.7	5.5	15.2	-	-	22.8
		40	17.9	22.1	7.1	-	-	-	12.1	22.8	0.3	3.0	8.0	14.6	12.2	3.9	44.8	24.0	-	-	0.7	6.3	16.7	-	-	24.3
	6	5	16.6	15.1	7.1	-	-	-	9.5	16.0	0.2	5.8	5.3	10.0	7.9	3.9	35.4	21.7	-	-	0.7	4.3	11.5	-	-	17.5
		7.5	17.2	19.4	7.1	-	-	-	10.6	20.0	0.2	4.8	6.3	12.0	9.6	3.9	40.6	21.7	-	-	0.7	5.0	13.0	-	-	21.5
		10	17.2	19.4	7.1	-	-	-	10.6	20.0	0.2	4.8	6.3	12.0	9.6	3.9	40.6	21.7	-	-	0.7	5.0	13.0	-	-	21.5
		15	17.9	20.7	7.1	-	-	-	11.7	21.3	0.3	4.0	7.0	13.6	12.2	3.9	42.9	24.0	-	-	0.7	5.5	15.2	-	-	22.8
060-110	4	30	17.0	21.7	7.1	-	-	-	10.8	21.3	0.3	4.0	7.0	13.6	12.2	3.9	42.0	23.5	-	-	0.7	5.5	15.2	-	-	22.8
		40	18.3	22.1	7.1	-	-	-	12.5	22.8	0.3	3.0	8.0	14.6	12.2	3.9	45.2	23.5	-	-	0.7	6.3	16.7	-	-	24.3
		50	18.3	23.7	7.1	-	-	-	12.5	22.8	0.3	3.0	8.0	15.6	13.2	3.9	45.2	24.5	-	-	0.7	6.3	16.7	-	-	24.3
		60	18.3	25.1	7.1	-	-	-	13.1	23.0	0.3	2.0	9.0	16.6	13.2	3.9	46.1	24.5	-	-	0.7	7.0	18.2	-	-	24.5
	6	7.5	17.0	19.4	7.1	-	-	-	10.4	20.0	0.2	4.8	6.3	12.0	9.6	3.9	40.4	21.1	-	-	0.7	5.0	13.0	-	-	21.5
		10	17.0	19.4	7.1	-	-	-	10.4	20.0	0.2	4.8	6.3	12.0	9.6	3.9	40.4	21.1	-	-	0.7	5.0	13.0	-	-	21.5
		15	17.0	20.7	7.1	-	-	-	10.8	21.3	0.3	4.0	7.0	13.6	12.2	3.9	42.0	23.5	-	-	0.7	5.5	15.2	-	-	22.8
		20	17.0	21.7	7.1	-	-	-	10.8	21.3	0.3	4.0	7.0	13.6	12.2	3.9	42.0	23.5	-	-	0.7	5.5	15.2	-	-	22.8

Dimensions in mm.

Pump size	Pole	P2 [hp]	Dimensions for NB pumps with ODP motors, mounting design B and C [mm]																						
			LP	AG	X	HG3	L8	H5	Q	L6	HG1	H6	D	T	AB	B1	L11	W1	L10	D1	D2	E	B4	B7	L7	L4
012-070	2	3	269	277	100	13	80	25	129	299	5	70	89	173	143	50	606	272	19	18	18	70	215	265	197	338
		5	298	314	100	5	80	44	169	311	5	64	114	227	171	50	658	304	19	18	18	95	265	290	197	349
		7.5	298	353	100	5	80	44	169	311	5	64	114	227	171	50	658	304	19	18	18	95	265	290	197	349
		7.5	298	353	100	5	80	44	169	311	5	64	114	227	171	50	658	304	19	18	18	95	265	290	197	349
		10	298	354	100	5	80	44	191	385	5	44	133	255	200	50	754	346	19	18	18	108	291	290	197	423
		15	298	383	100	5	80	44	191	385	5	44	133	255	200	50	754	346	19	18	18	108	291	290	197	423
		15	298	383	100	5	80	44	191	385	5	44	133	255	200	50	754	346	19	18	18	108	291	290	197	423
	4	1	269	242	100	13	80	25	129	299	5	70	89	172	143	50	606	272	19	18	18	70	215	265	197	338
		1	269	242	100	13	80	25	129	299	5	70	89	172	143	50	606	272	19	18	18	70	215	265	197	338
		1	269	242	100	13	80	25	129	299	5	70	89	172	143	50	606	272	19	18	18	70	215	265	197	338
		1.5	269	277	100	13	80	25	129	299	5	70	89	173	143	50	606	272	19	18	18	70	215	265	197	338

Pump size	Pole	P2 [hp]	Dimensions for NB pumps with ODP motors, mounting design B and C [mm]																							
			LP	AG	X	HG3	L8	H5	Q	L6	HG1	H6	D	T	AB	B1	L11	W1	L10	D1	D2	E	B4	B7	L7	L4
015-070	2	5	298	314	100	5	80	44	169	311	5	64	114	227	171	50	658	311	19	18	18	95	265	290	197	349
		7.5	298	353	100	5	80	44	169	311	5	64	114	227	171	50	658	311	19	18	18	95	265	290	197	349
		10	298	354	100	5	80	44	191	385	5	44	133	255	200	50	754	346	19	18	18	108	291	290	197	423
		15	298	383	100	5	80	44	191	385	5	44	133	255	200	50	754	346	19	18	18	108	291	290	197	423
		20	313	494	100	5	80	44	201	476	10	19	159	305	245	50	855	397	19	18	18	127	304	290	197	514
	4	1	269	242	100	13	80	25	129	299	5	70	89	172	143	50	606	283	19	18	18	70	215	265	197	338
		1	269	242	100	13	80	25	129	299	5	70	89	172	143	50	606	283	19	18	18	70	215	265	197	338
		1.5	269	277	100	13	80	25	129	299	5	70	89	173	143	50	606	283	19	18	18	70	215	265	197	338
		2	269	277	100	13	80	25	129	299	5	70	89	173	143	50	606	283	19	18	18	70	215	265	197	338
		3	298	314	100	5	80	44	169	311	5	64	114	227	171	50	658	311	19	18	18	95	265	290	197	349
015-090	2	15	320	383	100	-	-	-	223	385	5	44	133	255	200	65	776	360	-	-	18	108	291	-	-	423
		20	335	494	100	13	92	25	208	470	5	44	159	305	245	65	890	409	10	18	18	127	329	325	222	508
		25	335	494	100	13	92	25	208	470	5	44	159	305	245	65	890	409	10	18	18	127	329	325	222	508
		30	323	494	100	13	92	25	189	527	13	25	178	346	310	65	929	487	10	18	18	140	354	325	222	565
		40	323	494	100	13	92	25	189	527	13	25	178	346	310	65	929	487	10	18	18	140	354	325	222	565
	4	1.5	291	277	100	-	-	-	161	325	5	89	89	173	143	65	654	320	-	-	18	70	215	-	-	363
		2	291	277	100	-	-	-	161	325	5	89	89	173	143	65	654	320	-	-	18	70	215	-	-	363
		3	320	314	100	-	-	-	201	334	5	64	114	227	171	65	703	331	-	-	18	95	265	-	-	372
		5	320	353	100	-	-	-	201	334	5	64	114	227	171	65	703	331	-	-	18	95	265	-	-	372
015-095	2	15	320	383	100	-	-	-	223	385	5	44	133	255	200	65	776	370	-	-	18	108	291	-	-	423
		20	335	494	100	13	92	25	208	470	5	44	159	305	245	65	890	415	10	18	18	127	329	325	222	508
		25	335	494	100	13	92	25	208	470	5	44	159	305	245	65	890	415	10	18	18	127	329	325	222	508
		30	323	494	100	13	92	25	189	527	13	25	178	346	310	65	929	487	10	18	18	140	354	325	222	565
		40	323	494	100	13	92	25	189	527	13	25	178	346	310	65	929	487	10	18	18	140	354	325	222	565
		50	335	563	100	5	95	51	209	559	13	25	203	372	310	65	984	506	13	18	18	159	392	350	229	597
	4	2	291	277	100	-	-	-	161	325	5	89	89	173	143	65	654	330	-	-	18	70	215	-	-	363
		3	320	314	100	-	-	-	201	334	5	64	114	227	171	65	703	341	-	-	18	95	265	-	-	372
		5	320	353	100	-	-	-	201	334	5	64	114	227	171	65	703	341	-	-	18	95	265	-	-	372
		7.5	320	354	100	-	-	-	223	385	5	44	133	255	200	65	776	370	-	-	18	108	291	-	-	423
020-095	2	15	360	383	100	-	-	-	263	385	5	44	133	255	200	65	816	365	-	-	18	108	291	-	-	423
		20	360	494	100	13	92	25	233	470	5	44	159	305	245	65	915	409	10	18	18	127	329	325	222	508
		25	360	494	100	13	92	25	233	470	5	44	159	305	245	65	915	409	10	18	18	127	329	325	222	508
		30	377	494	100	13	92	25	243	527	13	25	178	346	310	65	982	487	10	18	18	140	354	325	222	565
		40	377	494	100	13	92	25	243	527	13	25	178	346	310	65	982	487	10	18	18	140	354	325	222	565
		50	378	563	100	5	95	51	252	559	13	25	203	372	310	65	1026	506	13	18	18	159	392	350	229	597
		60	378	551	100	5	95	51	252	559	13	25	203	396	336	65	1026	532	13	18	18	159	392	350	229	597
		60	378	551	100	5	95	51	252	559	13	25	203	396	336	65	1026	532	13	18	18	159	392	350	229	597
	4	2	291	277	100	-	-	-	161	325	5	89	89	173	143	65	654	325	-	-	18	70	215	-	-	363
		3	320	314	100	-	-	-	201	334	5	64	114	227	171	65	703	336	-	-	18	95	265	-	-	372
		5	320	353	100	-	-	-	201	334	5	64	114	227	171	65	703	336	-	-	18	95	265	-	-	372
		7.5	320	354	100	-	-	-	223	385	5	44	133	255	200	65	776	365	-	-	18	108	291	-	-	423
020-110	4	5	320	353	100	-	-	-	201	334	5	64	114	227	171	65	703	348	-	-	18	95	265	-	-	372
		7.5	320	354	100	-	-	-	223	385	5	44	133	255	200	65	776	377	-	-	18	108	291	-	-	423
		10	320	383	100	-	-	-	223	385	5	44	133	255	200	65	776	377	-	-	18	108	291	-	-	423
		15	335	494	100	-	-	-	233	476	10	19	159	305	245	65	878	422	-	-	18	127	304	-	-	514
020-135	4	7.5	386	354	140	-	-	-	263	385	5	95	133	255	200	65	842	422	-	-	18	108	291	-	-	423
		10	386	383	140	-	-	-	263	385	5	95	133	255	200	65	842	422	-	-	18	108	291	-	-	423
		15	386	494	140	-	-	-	278	483	5	70	159	305	245	65	954	463	-	-	18	127	329	-	-	521
		20	386	494	140	-	-	-	278	483	5	70	159	305	245	65	954	463	-	-	18	127	329	-	-	521
		25	402	526	140	-	-	-	303	514	8	51	178	346	310	65	1011	528	-	-	18	140	385	-	-	552

Pump size	Pole	P2 [hp]	Dimensions for NB pumps with ODP motors, mounting design B and C [mm]																							
			LP	AG	X	HG3	L8	H5	Q	L6	HG1	H6	D	T	AB	B1	L11	W1	L10	D1	D2	E	B4	B7	L7	L4
025-070	2	7.5	320	353	140	10	92	19	156	334	5	64	114	227	171	65	703	313	10	18	18	95	265	287	222	372
		10	320	354	140	10	92	19	179	385	5	44	133	255	200	65	776	346	10	18	18	108	291	287	222	423
		15	320	383	140	10	92	19	179	385	5	44	133	255	200	65	776	346	10	18	18	108	291	287	222	423
		20	335	494	140	10	92	19	189	476	10	19	159	305	245	65	878	397	10	18	18	127	304	287	222	514
		25	335	494	140	10	92	19	189	476	10	19	159	305	245	65	878	397	10	18	18	127	304	287	222	514
		30	323	494	140	5	95	44	186	527	13	25	178	346	310	65	929	487	13	18	18	140	354	312	229	565
	4	1	291	242	140	-	-	-	161	299	5	70	89	172	143	65	628	284	-	-	18	70	215	-	-	338
		1.5	291	277	140	-	-	-	161	299	5	70	89	173	143	65	628	284	-	-	18	70	215	-	-	338
		2	291	277	140	-	-	-	161	299	5	70	89	173	143	65	628	284	-	-	18	70	215	-	-	338
		3	320	314	140	10	92	19	156	334	5	64	114	227	171	65	703	313	10	18	18	95	265	287	222	372
		5	320	353	140	10	92	19	156	334	5	64	114	227	171	65	703	313	10	18	18	95	265	287	222	372
025-095	2	25	360	494	100	-	-	-	267	470	5	44	159	305	245	80	915	431	-	-	18	127	329	-	-	508
		30	377	494	100	-	-	-	277	527	13	25	178	346	310	80	982	497	-	-	18	140	354	-	-	565
		40	377	494	100	-	-	-	277	527	13	25	178	346	310	80	982	497	-	-	18	140	354	-	-	565
		50	378	563	100	13	114	25	233	559	13	25	203	372	310	80	1026	506	32	18	18	159	392	380	267	597
		60	378	551	100	13	114	25	233	559	13	25	203	396	336	80	1026	532	32	18	18	159	392	380	267	597
		75	378	567	100	5	114	51	245	584	13	25	229	421	319	80	1065	535	32	18	18	178	431	405	267	622
		75	378	567	100	5	114	51	245	584	13	25	229	421	319	80	1065	535	32	18	18	178	431	405	267	622
	4	3	320	314	100	-	-	-	190	334	5	89	114	227	171	80	703	367	-	-	18	95	265	-	-	372
		5	320	353	100	-	-	-	190	334	5	89	114	227	171	80	703	367	-	-	18	95	265	-	-	372
		7.5	320	354	100	-	-	-	212	385	5	70	133	255	200	80	776	387	-	-	18	108	291	-	-	423
		10	320	383	100	-	-	-	212	385	5	70	133	255	200	80	776	387	-	-	18	108	291	-	-	423
	6	1	291	277	100	-	-	-	150	330	5	114	89	173	143	80	659	367	-	-	18	70	215	-	-	368
		1.5	320	314	100	-	-	-	190	334	5	89	114	227	171	80	703	367	-	-	18	95	265	-	-	372
		2	320	353	100	-	-	-	190	334	5	89	114	227	171	80	703	367	-	-	18	95	265	-	-	372
		3	320	354	100	-	-	-	212	385	5	70	133	255	200	80	776	387	-	-	18	108	291	-	-	423
025-110	4	7.5	386	354	140	-	-	-	251	385	5	70	133	255	200	80	842	396	-	-	18	108	291	-	-	423
		10	386	383	140	-	-	-	251	385	5	70	133	255	200	80	842	396	-	-	18	108	291	-	-	423
		15	386	494	140	-	-	-	265	470	5	44	159	305	245	80	941	440	-	-	18	127	329	-	-	508
	6	2	386	353	140	-	-	-	229	334	5	89	114	227	171	80	769	376	-	-	18	95	265	-	-	372
		3	386	354	140	-	-	-	251	385	5	70	133	255	200	80	842	396	-	-	18	108	291	-	-	423
		5	386	383	140	-	-	-	251	385	5	70	133	255	200	80	842	396	-	-	18	108	291	-	-	423
030-070	2	15	320	383	140	10	92	19	178	385	5	44	133	255	200	65	776	365	10	18	18	108	291	287	222	423
		20	335	494	140	10	92	19	188	476	10	19	159	305	245	65	878	410	10	18	18	127	304	287	222	514
		25	335	494	140	10	92	19	188	476	10	19	159	305	245	65	878	410	10	18	18	127	304	287	222	514
		30	323	494	140	5	95	44	186	527	13	25	178	346	310	65	929	487	13	18	18	140	354	312	229	565
		40	323	494	140	5	95	44	186	527	13	25	178	346	310	65	929	487	13	18	18	140	354	312	229	565
	4	1.5	291	277	140	-	-	-	161	299	5	70	89	173	143	65	628	308	-	-	18	70	215	-	-	338
		2	291	277	140	-	-	-	161	299	5	70	89	173	143	65	628	308	-	-	18	70	215	-	-	338
		3	320	314	140	10	92	19	156	334	5	64	114	227	171	65	703	337	10	18	18	95	265	287	222	372
		5	320	353	140	10	92	19	156	334	5	64	114	227	171	65	703	337	10	18	18	95	265	287	222	372

Pump size	Pole	P2 [hp]	Dimensions for NB pumps with ODP motors, mounting design B and C [mm]																							
			LP	AG	X	HG3	L8	H5	Q	L6	HG1	H6	D	T	AB	B1	L11	W1	L10	D1	D2	E	B4	B7	L7	L4
030-095	2	40	422	494	140	-	-	-	295	527	13	25	178	346	310	80	1028	519	-	-	18	140	354	-	-	565
		50	423	563	140	13	114	25	253	559	13	25	203	372	310	80	1072	519	6	18	18	159	392	415	267	597
		60	423	551	140	13	114	25	253	559	13	25	203	396	336	80	1072	544	6	18	18	159	392	415	267	597
		75	423	567	140	5	114	51	265	584	13	25	229	421	319	80	1110	535	6	18	18	178	431	440	267	622
		100	424	635	152	5	114	51	267	584	13	25	229	470	319	81	1110	536	8	18	18	178	432	439	267	622
		125	485	705	152	5	108	76	292	699	13	25	254	541	417	81	1191	671	-	18	18	203	508	439	254	699
	4	5	366	353	140	-	-	-	208	334	5	89	114	227	171	80	749	409	-	-	18	95	265	-	-	372
		7.5	366	354	140	-	-	-	230	385	5	70	133	255	200	80	822	409	-	-	18	108	291	-	-	423
		10	366	383	140	-	-	-	230	385	5	70	133	255	200	80	822	409	-	-	18	108	291	-	-	423
		15	380	494	140	-	-	-	260	470	5	44	159	305	245	80	936	454	-	-	18	127	329	-	-	508
	6	1.5	366	314	140	-	-	-	208	334	5	89	114	227	171	80	749	409	-	-	18	95	265	-	-	372
		2	366	353	140	-	-	-	208	334	5	89	114	227	171	80	749	409	-	-	18	95	265	-	-	372
		3	366	354	140	-	-	-	230	385	5	70	133	255	200	80	822	409	-	-	18	108	291	-	-	423
		5	366	383	140	-	-	-	230	385	5	70	133	255	200	80	822	409	-	-	18	108	291	-	-	423
030-110	4	10	386	383	140	-	-	-	251	385	5	70	133	255	200	80	842	404	-	-	18	108	291	-	-	423
		15	386	494	140	-	-	-	265	470	5	44	159	305	245	80	941	449	-	-	18	127	329	-	-	508
		20	386	494	140	-	-	-	265	470	5	44	159	305	245	80	941	449	-	-	18	127	329	-	-	508
	6	3	386	354	140	-	-	-	251	385	5	70	133	255	200	80	842	404	-	-	18	108	291	-	-	423
		5	386	383	140	-	-	-	251	385	5	70	133	255	200	80	842	404	-	-	18	108	291	-	-	423
		7.5	386	494	140	-	-	-	265	470	5	44	159	305	245	80	941	449	-	-	18	127	329	-	-	508
030-135	4	15	386	494	140	-	-	-	265	495	5	95	159	305	245	76	966	483	-	-	18	127	329	-	-	533
		20	386	494	140	-	-	-	265	495	5	95	159	305	245	76	966	483	-	-	18	127	329	-	-	533
		25	402	526	140	-	-	-	291	527	8	76	178	346	310	76	1024	549	-	-	18	140	385	-	-	565
		30	402	551	140	-	-	-	291	527	8	76	178	346	310	76	1024	549	-	-	18	140	385	-	-	565
		40	418	561	140	-	-	-	318	552	8	51	203	372	311	76	1076	549	-	-	18	159	423	-	-	591
	6	5	386	383	140	-	-	-	251	406	5	121	133	255	200	76	863	447	-	-	18	108	291	-	-	445
		7.5	386	494	140	-	-	-	265	495	5	95	159	305	245	76	966	483	-	-	18	127	329	-	-	533
		10	386	494	140	-	-	-	265	495	5	95	159	305	245	76	966	483	-	-	18	127	329	-	-	533
		15	402	526	140	-	-	-	291	527	8	76	178	346	310	76	1024	549	-	-	18	140	385	-	-	565
040-070	2	20	360	494	140	13	92	25	208	470	5	44	159	305	245	65	916	425	16	18	18	127	329	355	222	508
		25	360	494	140	13	92	25	208	470	5	44	159	305	245	65	916	425	16	18	18	127	329	355	222	508
		30	348	494	140	13	92	25	189	527	13	25	178	346	310	65	955	491	16	18	18	140	354	355	222	565
		40	348	494	140	13	92	25	189	527	13	25	178	346	310	65	955	491	16	18	18	140	354	355	222	565
		50	360	563	140	5	95	51	209	559	13	25	203	372	310	65	1009	506	13	18	18	159	392	380	229	597
	4	2	316	277	140	-	-	-	161	325	5	89	89	173	143	65	679	353	-	-	18	70	215	-	-	363
		3	345	314	140	-	-	-	201	334	5	64	114	227	171	65	728	353	-	-	18	95	265	-	-	372
		5	345	353	140	-	-	-	201	334	5	64	114	227	171	65	728	353	-	-	18	95	265	-	-	372
		7.5	345	354	140	-	-	-	223	385	5	44	133	255	200	65	802	381	-	-	18	108	291	-	-	423
	6	1	316	-	140	-	-	-	153	325	5	89	89	-	-	65	671	353	-	-	18	62	199	-	-	363
		1	316	277	140	-	-	-	161	325	5	89	89	173	143	65	679	353	-	-	18	70	215	-	-	363
		1.5	345	314	140	-	-	-	201	334	5	64	114	227	171	65	728	353	-	-	18	95	265	-	-	372
		2	345	353	140	-	-	-	201	334	5	64	114	227	171	65	728	353	-	-	18	95	265	-	-	372

Pump size	Pole	P2 [hp]	Dimensions for NB pumps with ODP motors, mounting design B and C [mm]																							
			LP	AG	X	HG3	L8	H5	Q	L6	HG1	H6	D	T	AB	B1	L11	W1	L10	D1	D2	E	B4	B7	L7	L4
040-095	2	60	436	551	140	-	-	-	307	559	13	25	203	396	336	80	1085	562	-	-	18	159	392	-	-	597
		75	436	567	140	13	114	25	265	584	13	25	229	421	319	80	1123	546	6	18	18	178	431	415	267	622
		100	424	635	152	5	114	51	267	584	13	25	229	470	319	81	1123	546	8	18	18	178	432	414	267	622
		125	485	705	152	5	108	76	292	699	13	25	254	541	417	81	1217	671	8	18	18	203	508	439	267	699
	4	7.5	378	354	140	-	-	-	230	385	5	95	133	255	200	80	834	426	-	-	18	108	291	-	-	423
		10	378	383	140	-	-	-	230	385	5	95	133	255	200	80	834	426	-	-	18	108	291	-	-	423
		15	393	494	140	-	-	-	260	483	5	70	159	305	245	80	961	471	-	-	18	127	329	-	-	521
		20	393	494	140	-	-	-	260	483	5	70	159	305	245	80	961	471	-	-	18	127	329	-	-	521
	6	2	378	353	140	-	-	-	208	349	5	114	114	227	171	80	776	426	-	-	18	95	265	-	-	387
		3	378	354	140	-	-	-	230	385	5	95	133	255	200	80	834	426	-	-	18	108	291	-	-	423
		5	378	383	140	-	-	-	230	385	5	95	133	255	200	80	834	426	-	-	18	108	291	-	-	423
		7.5	393	494	140	-	-	-	260	483	5	70	159	305	245	80	961	471	-	-	18	127	329	-	-	521
040-110	4	15	399	494	140	-	-	-	265	483	5	70	159	305	245	80	966	471	-	-	18	127	329	-	-	521
		20	399	494	140	-	-	-	265	483	5	70	159	305	245	80	966	471	-	-	18	127	329	-	-	521
		25	415	526	140	-	-	-	291	514	8	51	178	346	310	80	1024	536	-	-	18	140	385	-	-	552
		30	415	551	140	-	-	-	291	514	8	51	178	346	310	80	1024	536	-	-	18	140	385	-	-	552
	6	3	399	354	140	-	-	-	251	385	5	95	133	255	200	80	855	426	-	-	18	108	291	-	-	423
		5	399	383	140	-	-	-	251	385	5	95	133	255	200	80	855	426	-	-	18	108	291	-	-	423
		7.5	399	494	140	-	-	-	265	483	5	70	159	305	245	80	966	471	-	-	18	127	329	-	-	521
		10	399	494	140	-	-	-	265	483	5	70	159	305	245	80	966	471	-	-	18	127	329	-	-	521
040-135	4	20	399	494	140	-	-	-	267	495	5	95	159	305	245	80	979	489	-	-	18	127	329	-	-	533
		25	415	526	140	-	-	-	293	527	8	76	178	346	310	80	1037	554	-	-	18	140	385	-	-	565
		30	415	551	140	-	-	-	293	527	8	76	178	346	310	80	1037	554	-	-	18	140	385	-	-	565
		40	431	561	140	-	-	-	320	552	8	51	203	372	311	80	1089	554	-	-	18	159	423	-	-	591
		50	431	602	140	-	-	-	320	552	8	51	203	396	336	80	1089	580	-	-	18	159	423	-	-	591
	6	5	399	383	140	-	-	-	253	406	5	121	133	255	200	80	876	450	-	-	18	108	291	-	-	445
		7.5	399	494	140	-	-	-	267	495	5	95	159	305	245	80	979	489	-	-	18	127	329	-	-	533
		10	399	494	140	-	-	-	267	495	5	95	159	305	245	80	979	489	-	-	18	127	329	-	-	533
		15	415	526	140	-	-	-	293	527	8	76	178	346	310	80	1037	554	-	-	18	140	385	-	-	565
050-070	2	25	360	494	140	-	-	-	240	470	5	44	159	305	245	80	916	460	-	-	18	127	329	-	-	508
		30	348	494	140	-	-	-	221	527	13	25	178	346	310	80	955	525	-	-	18	140	354	-	-	565
		40	348	494	140	-	-	-	221	527	13	25	178	346	310	80	955	525	-	-	18	140	354	-	-	565
		50	360	563	140	13	114	25	190	559	13	25	203	372	310	80	1009	525	6	18	18	159	392	380	267	597
		60	360	551	140	13	114	25	190	559	13	25	203	396	336	80	1009	551	6	18	18	159	392	380	267	597
		75	360	567	140	5	114	51	203	584	13	25	229	421	319	80	1047	535	6	18	18	178	431	405	267	622
	4	3	345	314	140	-	-	-	188	334	5	89	114	227	171	80	728	395	-	-	18	95	265	-	-	372
		5	345	353	140	-	-	-	188	334	5	89	114	227	171	80	728	395	-	-	18	95	265	-	-	372
		7.5	345	354	140	-	-	-	210	385	5	70	133	255	200	80	802	415	-	-	18	108	291	-	-	423
		10	345	383	140	-	-	-	210	385	5	70	133	255	200	80	802	415	-	-	18	108	291	-	-	423
	6	1	316	277	140	-	-	-	148	330	5	114	89	173	143	80	684	395	-	-	18	70	215	-	-	368
		1	316	277	140	-	-	-	148	330	5	114	89	173	143	80	684	395	-	-	18	70	215	-	-	368
		1.5	345	314	140	-	-	-	188	334	5	89	114	227	171	80	728	395	-	-	18	95	265	-	-	372
		2	345	353	140	-	-	-	188	334	5	89	114	227	171	80	728	395	-	-	18	95	265	-	-	372
		3	345	354	140	-	-	-	210	385	5	70	133	255	200	80	802	415	-	-	18	108	291	-	-	423
050-095	4	10	404	383	140	-	-	-	256	406	5	121	133	255	200	80	881	436	-	-	18	108	291	-	-	445
		15	418	494	140	-	-	-	285	495	5	95	159	305	245	80	999	481	-	-	18	127	329	-	-	533
		20	418	494	140	-	-	-	285	495	5	95	159	305	245	80	999	481	-	-	18	127	329	-	-	533
		25	435	526	140	-	-	-	311	527	8	76	178	346	310	80	1057	546	-	-	18	140	385	-	-	565
		30	435	551	140	-	-	-	311	527	8	76	178	346	310	80	1057	546	-	-	18	140	385	-	-	565
	6	3	404	354	140	-	-	-	256	406	5	121	133	255	200	80	881	436	-	-	18	108	291	-	-	445
		5	404	383	140	-	-	-	256	406	5	121	133	255	200	80	881	436	-	-	18	108	291	-	-	445
		7.5	418	494	140	-	-	-	285	495	5	95	159	305	245	80	999	481	-	-	18	127	329	-	-	533
		10	418	494	140	-	-	-	285	495	5	95	159	305	245	80	999	481	-	-	18	127	329	-	-	533

Pump size	Pole	P2 [hp]	Dimensions for NB pumps with ODP motors, mounting design B and C [mm]																							
			LP	AG	X	HG3	L8	H5	Q	L6	HG1	H6	D	T	AB	B1	L11	W1	L10	D1	D2	E	B4	B7	L7	L4
050-110	4	20	399	494	180	-	-	-	265	495	5	95	159	305	245	86	979	499	-	-	18	127	329	-	-	533
		25	415	526	180	-	-	-	291	527	8	76	178	346	310	86	1037	564	-	-	18	140	385	-	-	565
		30	415	551	180	-	-	-	291	527	8	76	178	346	310	86	1037	564	-	-	18	140	385	-	-	565
		40	431	561	180	-	-	-	318	552	8	51	203	372	311	86	1089	565	-	-	18	159	423	-	-	591
	6	5	399	383	180	-	-	-	251	406	5	121	133	255	200	86	876	461	-	-	18	108	291	-	-	445
		7.5	399	494	180	-	-	-	265	495	5	95	159	305	245	86	979	499	-	-	18	127	329	-	-	533
		10	399	494	180	-	-	-	265	495	5	95	159	305	245	86	979	499	-	-	18	127	329	-	-	533
		15	415	526	180	-	-	-	291	527	8	76	178	346	310	86	1037	564	-	-	18	140	385	-	-	565
050-135	4	25	413	526	180	-	-	-	274	540	8	102	178	346	310	100	1047	580	-	-	18	140	385	-	-	578
		30	413	551	180	-	-	-	274	540	8	102	178	346	310	100	1047	580	-	-	18	140	385	-	-	578
		40	445	561	180	-	-	-	317	578	8	76	203	372	311	100	1129	581	-	-	18	159	423	-	-	616
		50	445	602	180	-	-	-	317	578	8	76	203	396	336	100	1129	606	-	-	18	159	423	-	-	616
		60	445	637	180	-	-	-	333	584	8	51	229	421	335	100	1151	605	-	-	18	178	462	-	-	622
		75	445	714	180	-	-	-	333	584	8	51	229	442	355	100	1151	625	-	-	18	178	462	-	-	622
	6	10	413	494	180	-	-	-	264	508	5	121	159	305	245	100	1006	520	-	-	18	127	329	-	-	546
		15	413	526	180	-	-	-	274	540	8	102	178	346	310	100	1047	580	-	-	18	140	385	-	-	578
		20	413	551	180	-	-	-	274	540	8	102	178	346	310	100	1047	580	-	-	18	140	385	-	-	578
060-095	4	15	437	494	180	-	-	-	270	508	5	121	159	305	245	100	1030	550	-	-	18	127	329	-	-	546
		20	437	494	180	-	-	-	270	508	5	121	159	305	245	100	1030	550	-	-	18	127	329	-	-	546
		25	454	526	180	-	-	-	296	540	8	102	178	346	310	100	1088	610	-	-	18	140	385	-	-	578
		30	454	551	180	-	-	-	296	540	8	102	178	346	310	100	1088	610	-	-	18	140	385	-	-	578
		40	455	561	180	-	-	-	308	578	8	76	203	372	311	100	1139	611	-	-	18	159	423	-	-	616
	6	5	423	383	180	-	-	-	241	406	5	146	133	255	200	100	900	550	-	-	18	108	291	-	-	445
		7.5	437	494	180	-	-	-	270	508	5	121	159	305	245	100	1030	550	-	-	18	127	329	-	-	546
		10	437	494	180	-	-	-	270	508	5	121	159	305	245	100	1030	550	-	-	18	127	329	-	-	546
		15	454	526	180	-	-	-	296	540	8	102	178	346	310	100	1088	610	-	-	18	140	385	-	-	578
060-110	4	30	432	551	180	-	-	-	274	540	8	102	178	346	310	100	1067	597	-	-	18	140	385	-	-	578
		40	464	561	180	-	-	-	317	578	8	76	203	372	311	100	1148	598	-	-	18	159	423	-	-	616
		50	464	602	180	-	-	-	317	578	8	76	203	396	336	100	1148	623	-	-	18	159	423	-	-	616
		60	464	637	180	-	-	-	333	584	8	51	229	421	335	100	1170	622	-	-	18	178	462	-	-	622
	6	7.5	432	494	180	-	-	-	264	508	5	121	159	305	245	100	1025	537	-	-	18	127	329	-	-	546
		10	432	494	180	-	-	-	264	508	5	121	159	305	245	100	1025	537	-	-	18	127	329	-	-	546
		15	432	526	180	-	-	-	274	540	8	102	178	346	310	100	1067	597	-	-	18	140	385	-	-	578
		20	432	551	180	-	-	-	274	540	8	102	178	346	310	100	1067	597	-	-	18	140	385	-	-	578

Dimensions for NB pumps with TEFC motors, mounting design F

Dimensions in inch.

Pump size	Pole	P2 [hp]	LP	AG	X	H3	H4	AB	D	A2	L1	L2	L3	L4	L5	B1	B2	B3
012-070	2	3	11.7	13.9	3.9	7.9	12.4	6.9	1.5	6.3	35.2	6.3	17.9	11.0	-	11.3	15.6	13.6
		5	11.7	15.4	3.9	7.9	12.4	6.9	1.5	6.3	35.2	6.3	17.9	11.0	-	11.3	15.6	13.6
		7.5	11.7	16.6	3.9	8.0	13.1	8.0	1.5	6.3	34.6	6.3	17.0	11.3	-	11.3	15.6	13.6
		10	11.7	18.1	3.9	8.0	13.1	8.0	1.5	6.3	34.6	6.3	17.0	11.3	-	11.3	15.6	13.6
		15	12.3	20.1	3.9	9.0	15.6	10.2	1.5	6.9	38.0	6.9	20.4	10.8	-	13.0	17.4	15.4
	4	0.5	10.6	11.2	3.9	7.9	11.5	5.8	1.0	5.7	27.6	5.7	14.2	7.6	-	11.1	13.8	12.7
		0.75	10.6	11.2	3.9	7.9	11.5	5.8	1.0	5.7	27.6	5.7	14.2	7.6	-	11.1	13.8	12.7
		1	10.6	11.2	3.9	7.9	11.5	5.8	1.0	5.7	27.6	5.7	14.2	7.6	-	11.1	13.8	12.7
		1.5	10.6	11.2	3.9	7.9	11.5	5.8	1.0	5.7	27.6	5.7	14.2	7.6	-	11.1	13.8	12.7
015-070	2	5	11.7	15.4	3.9	7.9	12.4	6.9	1.5	6.3	35.2	6.3	17.9	11.0	-	11.3	15.6	13.6
		7.5	11.7	16.6	3.9	8.0	13.1	8.0	1.5	6.3	34.6	6.3	17.0	11.3	-	11.3	15.6	13.6
		10	11.7	18.1	3.9	8.0	13.1	8.0	1.5	6.3	34.6	6.3	17.0	11.3	-	11.3	15.6	13.6
		15	12.3	20.1	3.9	9.0	15.6	10.2	1.5	6.9	38.0	6.9	20.4	10.8	-	13.0	17.4	15.4
		20	12.3	20.1	3.9	9.0	15.6	10.2	1.5	6.9	38.0	6.9	20.4	10.8	-	13.0	17.4	15.4
	4	0.75	10.6	11.2	3.9	7.9	11.5	5.8	1.0	5.7	27.6	5.7	14.2	7.6	-	11.1	13.8	12.7
		1	10.6	11.2	3.9	7.9	11.5	5.8	1.0	5.7	27.6	5.7	14.2	7.6	-	11.1	13.8	12.7
		1.5	10.6	11.2	3.9	7.9	11.5	5.8	1.0	5.7	27.6	5.7	14.2	7.6	-	11.1	13.8	12.7
		2	10.6	11.2	3.9	7.9	11.5	5.8	1.0	5.7	27.6	5.7	14.2	7.6	-	11.1	13.8	12.7
		3	11.7	13.9	3.9	7.9	12.4	6.9	1.0	5.7	32.8	5.7	17.9	9.3	-	11.1	13.8	12.7
015-090	2	15	13.2	20.1	3.9	9.7	16.3	10.2	1.5	6.5	41.6	6.5	22.4	12.8	-	14.8	19.1	17.2
		20	13.2	20.1	3.9	9.7	16.3	10.2	1.5	6.5	41.6	6.5	22.4	12.8	-	14.8	19.1	17.2
		25	12.7	21.8	3.9	10.2	16.9	12.2	1.3	7.3	40.2	7.3	20.2	12.7	-	14.8	18.1	16.8
		30	12.7	23.4	3.9	10.2	17.7	13.1	1.3	7.3	40.2	7.3	20.2	12.7	-	14.8	18.1	16.8
		40	13.2	25.4	3.9	11.8	19.2	13.7	2.2	8.1	44.4	8.1	22.3	14.1	-	16.5	22.8	20.1
	4	1.5	11.5	11.2	3.9	9.7	13.3	5.8	1.0	5.9	27.6	5.9	14.2	7.5	-	14.6	17.3	16.2
		2	11.5	11.2	3.9	9.7	13.3	5.8	1.0	5.9	27.6	5.9	14.2	7.5	-	14.6	17.3	16.2
		3	12.6	13.9	3.9	9.7	14.1	6.9	1.0	5.9	33.1	5.9	17.9	9.4	-	14.6	17.3	16.2
		5	12.6	15.4	3.9	9.7	14.1	6.9	1.0	5.9	33.1	5.9	17.9	9.4	-	14.6	17.3	16.2
015-095	2	15	13.2	20.1	3.9	9.7	16.3	10.2	1.5	6.5	41.6	6.5	22.4	12.8	-	14.8	19.1	17.2
		20	13.2	20.1	3.9	9.7	16.3	10.2	1.5	6.5	41.6	6.5	22.4	12.8	-	14.8	19.1	17.2
		25	12.7	21.8	3.9	10.2	16.9	12.2	1.3	7.3	40.2	7.3	20.2	12.7	-	14.8	18.1	16.8
		30	12.7	23.4	3.9	10.2	17.7	13.1	1.3	7.3	40.2	7.3	20.2	12.7	-	14.8	18.1	16.8
		40	13.2	25.4	3.9	11.8	19.2	13.7	2.2	8.1	44.4	8.1	22.3	14.1	-	16.5	22.8	20.1
		50	13.2	25.3	3.9	11.8	20.1	14.6	2.2	8.1	44.4	8.1	22.3	14.1	-	16.5	22.8	20.1
	4	2	11.5	11.2	3.9	9.7	13.3	5.8	1.0	5.9	27.6	5.9	14.2	7.5	-	14.6	17.3	16.2
		3	12.6	13.9	3.9	9.7	14.1	6.9	1.0	5.9	33.1	5.9	17.9	9.4	-	14.6	17.3	16.2
		5	12.6	15.4	3.9	9.7	14.1	6.9	1.0	5.9	33.1	5.9	17.9	9.4	-	14.6	17.3	16.2
		7.5	12.6	16.6	3.9	9.7	14.8	8.0	1.0	5.9	32.6	5.9	17.0	9.7	-	14.6	17.3	16.2
020-095	2	15	14.8	20.1	3.9	9.7	16.3	10.2	1.5	6.5	42.0	6.5	23.4	12.2	-	14.8	19.1	17.2
		20	14.8	20.1	3.9	9.7	16.3	10.2	1.5	6.5	42.0	6.5	23.4	12.2	-	14.8	19.1	17.2
		25	14.8	21.8	3.9	10.2	16.9	12.2	1.3	7.3	40.6	7.3	21.4	11.9	-	14.8	18.1	16.8
		30	14.8	23.4	3.9	10.2	17.7	13.1	1.3	7.3	40.6	7.3	21.4	11.9	-	14.8	18.1	16.8
		40	14.9	25.4	3.9	11.8	19.2	13.7	2.2	8.1	44.1	8.1	23.3	12.7	-	16.5	22.8	20.1
		50	14.9	25.3	3.9	11.8	20.1	14.6	2.2	8.1	44.1	8.1	23.3	12.7	-	16.5	22.8	20.1
		60	14.9	27.8	3.9	15.6	25.7	18.1	2.6	11.6	52.2	11.6	33.3	7.3	15.6	22.1	33.5	26.1
	4	2	11.5	11.2	3.9	9.7	13.3	5.8	1.0	5.9	27.6	5.9	14.2	7.5	-	14.6	17.3	16.2
		3	12.6	13.9	3.9	9.7	14.1	6.9	1.0	5.9	33.1	5.9	17.9	9.4	-	14.6	17.3	16.2
		5	12.6	15.4	3.9	9.7	14.1	6.9	1.0	5.9	33.1	5.9	17.9	9.4	-	14.6	17.3	16.2
		7.5	12.6	16.6	3.9	9.7	14.8	8.0	1.0	5.9	32.6	5.9	17.0	9.7	-	14.6	17.3	16.2

Pump size	Pole	P2 [hp]	LP	AG	X	H3	H4	AB	D	A2	L1	L2	L3	L4	L5	B1	B2	B3
020-110	4	5	12.6	15.4	3.9	9.7	14.1	6.9	1.0	5.9	33.1	5.9	17.9	9.4	-	14.6	17.3	16.2
		7.5	12.6	16.6	3.9	9.7	14.8	8.0	1.0	5.9	32.6	5.9	17.0	9.7	-	14.6	17.3	16.2
		10	12.6	18.1	3.9	9.7	14.8	8.0	1.0	5.9	32.6	5.9	17.0	9.7	-	14.6	17.3	16.2
		15	13.2	20.1	3.9	9.7	16.3	10.2	1.0	5.9	38.8	5.9	21.6	11.4	-	14.6	17.3	16.2
020-135	4	7.5	15.2	16.6	5.5	12.0	17.1	8.0	1.3	6.5	34.6	6.5	18.3	9.7	-	15.6	18.9	17.6
		10	15.2	18.1	5.5	12.0	17.1	8.0	1.3	6.5	34.6	6.5	18.3	9.7	-	15.6	18.9	17.6
		15	15.2	20.1	5.5	12.0	18.6	10.2	1.3	6.5	40.8	6.5	22.6	11.7	-	15.6	18.9	17.6
		20	15.2	20.1	5.5	12.0	18.6	10.2	1.3	6.5	40.8	6.5	22.6	11.7	-	15.6	18.9	17.6
		25	15.8	23.4	5.5	12.0	19.4	13.1	1.3	6.5	41.0	6.5	22.5	12.1	-	15.6	18.9	17.6
025-070	2	7.5	12.6	16.6	5.5	9.6	14.7	8.0	1.9	7.7	36.9	7.7	17.6	11.6	-	13.2	18.7	16.3
		10	12.6	18.1	5.5	9.6	14.7	8.0	1.9	7.7	36.9	7.7	17.6	11.6	-	13.2	18.7	16.3
		15	13.2	20.1	5.5	9.7	16.3	10.2	1.9	7.7	39.6	7.7	20.4	11.6	-	13.2	18.7	16.3
		20	13.2	20.1	5.5	9.7	16.3	10.2	1.9	7.7	39.6	7.7	20.4	11.6	-	13.2	18.7	16.3
		25	12.7	21.8	5.5	10.4	17.1	12.2	1.9	7.5	40.6	7.5	20.2	12.9	-	15.0	20.5	18.0
		30	12.7	23.4	5.5	10.4	17.9	13.1	1.9	7.5	40.6	7.5	20.2	12.9	-	15.0	20.5	18.0
	4	1	11.5	11.2	5.5	9.6	13.2	5.8	1.4	7.1	29.7	7.1	14.2	8.4	-	13.0	16.8	15.2
		1.5	11.5	11.2	5.5	9.6	13.2	5.8	1.4	7.1	29.7	7.1	14.2	8.4	-	13.0	16.8	15.2
		2	11.5	11.2	5.5	9.6	13.2	5.8	1.4	7.1	29.7	7.1	14.2	8.4	-	13.0	16.8	15.2
		3	12.6	13.9	5.5	9.6	14.0	6.9	1.4	7.1	35.2	7.1	17.9	10.2	-	13.0	16.8	15.2
		5	12.6	15.4	5.5	9.6	14.0	6.9	1.4	7.1	35.2	7.1	17.9	10.2	-	13.0	16.8	15.2
025-095	2	25	14.8	21.8	3.9	12.5	19.2	12.2	2.3	8.9	43.0	8.9	21.4	12.8	-	18.3	27.2	21.9
		30	14.8	23.4	3.9	12.5	20.0	13.1	2.3	8.9	43.0	8.9	21.4	12.8	-	18.3	27.2	21.9
		40	14.9	25.4	3.9	11.8	19.3	13.7	2.2	8.1	44.0	8.1	23.3	12.6	-	18.1	24.4	21.7
		50	14.9	25.3	3.9	11.8	20.1	14.6	2.2	8.1	44.0	8.1	23.3	12.6	-	18.1	24.4	21.7
		60	14.9	27.8	3.9	15.6	25.7	18.1	2.6	11.6	52.2	11.6	33.3	7.3	15.6	22.1	33.5	26.1
		75	14.9	27.8	3.9	15.6	25.7	18.1	2.6	11.6	52.2	11.6	33.3	7.3	15.6	22.1	33.5	26.1
	4	3	12.6	13.9	3.9	11.0	15.4	6.9	1.3	6.9	35.1	6.9	18.3	10.0	-	18.0	21.3	19.9
		5	12.6	15.4	3.9	11.0	15.4	6.9	1.3	6.9	35.1	6.9	18.3	10.0	-	18.0	21.3	19.9
		7.5	12.6	16.6	3.9	11.0	16.1	8.0	1.3	6.9	34.8	6.9	17.4	10.5	-	18.0	21.3	19.9
		10	12.6	18.1	3.9	11.0	16.1	8.0	1.3	6.9	34.8	6.9	17.4	10.5	-	18.0	21.3	19.9
	6	1	11.5	11.2	3.9	10.7	14.3	5.8	1.0	6.7	28.4	6.7	14.2	7.5	-	17.8	20.5	19.4
		1.5	12.6	13.9	3.9	11.0	15.4	6.9	1.3	6.9	35.1	6.9	18.3	10.0	-	18.0	21.3	19.9
		2	12.6	15.4	3.9	11.0	15.4	6.9	1.3	6.9	35.1	6.9	18.3	10.0	-	18.0	21.3	19.9
		3	12.6	16.6	3.9	11.0	16.1	8.0	1.3	6.9	34.8	6.9	17.4	10.5	-	18.0	21.3	19.9
025-110	4	7.5	15.2	16.6	5.5	12.1	17.3	8.0	1.7	8.1	37.3	8.1	18.3	10.9	-	16.5	22.0	19.1
		10	15.2	18.1	5.5	12.1	17.3	8.0	1.7	8.1	37.3	8.1	18.3	10.9	-	16.5	22.0	19.1
		15	15.2	20.1	5.5	12.1	18.8	10.2	1.7	8.1	43.8	8.1	22.5	13.3	-	16.5	22.0	19.1
	6	2	15.2	15.4	5.5	12.1	16.6	6.9	1.7	8.1	38.1	8.1	19.2	10.9	-	16.5	22.0	19.1
		3	15.2	16.6	5.5	12.1	17.3	8.0	1.7	8.1	37.3	8.1	18.3	10.9	-	16.5	22.0	19.1
		5	15.2	18.1	5.5	12.1	17.3	8.0	1.7	8.1	37.3	8.1	18.3	10.9	-	16.5	22.0	19.1
030-070	2	15	13.2	20.1	5.5	9.7	16.3	10.2	1.9	7.7	39.6	7.7	20.4	11.6	-	13.2	18.7	16.3
		20	13.2	20.1	5.5	9.7	16.3	10.2	1.9	7.7	39.6	7.7	20.4	11.6	-	13.2	18.7	16.3
		25	12.7	21.8	5.5	10.4	17.1	12.2	1.9	7.5	40.6	7.5	20.2	12.9	-	15.0	20.5	18.0
		30	12.7	23.4	5.5	10.4	17.9	13.1	1.9	7.5	40.6	7.5	20.2	12.9	-	15.0	20.5	18.0
		40	13.2	25.4	5.5	12.2	19.7	13.7	2.2	8.9	46.1	8.9	22.3	15.0	-	16.7	23.6	20.2
	4	1.5	11.5	11.2	5.5	9.6	13.2	5.8	1.4	7.1	29.7	7.1	14.2	8.4	-	13.0	16.8	15.2
		2	11.5	11.2	5.5	9.6	13.2	5.8	1.4	7.1	29.7	7.1	14.2	8.4	-	13.0	16.8	15.2
		3	12.6	13.9	5.5	9.6	14.0	6.9	1.4	7.1	35.2	7.1	17.9	10.2	-	13.0	16.8	15.2
		5	12.6	15.4	5.5	9.6	14.0	6.9	1.4	7.1	35.2	7.1	17.9	10.2	-	13.0	16.8	15.2

Pump size	Pole	P2 [hp]	LP	AG	X	H3	H4	AB	D	A2	L1	L2	L3	L4	L5	B1	B2	B3
030-095	2	40	16.7	25.4	5.5	11.8	19.3	13.7	2.2	8.1	44.8	8.1	24.1	12.7	-	18.1	24.4	21.7
		50	16.7	25.3	5.5	11.8	20.1	14.6	2.2	8.1	44.8	8.1	24.1	12.7	-	18.1	24.4	21.7
		60	16.7	27.8	5.5	15.6	25.7	18.1	2.6	11.6	52.2	11.6	33.3	7.3	15.6	22.1	33.5	26.1
		75	16.7	27.8	5.5	15.6	25.7	18.1	2.6	11.6	52.2	11.6	33.3	7.3	15.6	22.1	33.5	26.1
		100	16.7	31.2	5.5	15.2	26.5	19.3	2.4	10.8	52.6	10.8	36.1	5.6	16.5	22.0	31.9	25.7
		125	19.1	33.0	5.5	16.8	30.0	24.6	2.6	11.4	63.5	11.4	45.8	6.3	17.8	24.5	35.8	28.5
	4	5	14.4	15.4	5.5	11.0	15.4	6.9	1.3	6.9	35.1	6.9	18.3	10.0	-	18.0	21.3	19.9
		7.5	14.4	16.6	5.5	11.0	16.1	8.0	1.3	6.9	34.8	6.9	17.4	10.5	-	18.0	21.3	19.9
		10	14.4	18.1	5.5	11.0	16.1	8.0	1.3	6.9	34.8	6.9	17.4	10.5	-	18.0	21.3	19.9
		15	15.0	20.1	5.5	11.7	18.4	10.2	1.4	7.5	42.0	7.5	22.3	12.1	-	18.0	21.7	20.2
	6	1.5	14.4	13.9	5.5	11.0	15.4	6.9	1.3	6.9	35.1	6.9	18.3	10.0	-	18.0	21.3	19.9
		2	14.4	15.4	5.5	11.0	15.4	6.9	1.3	6.9	35.1	6.9	18.3	10.0	-	18.0	21.3	19.9
		3	14.4	16.6	5.5	11.0	16.1	8.0	1.3	6.9	34.8	6.9	17.4	10.5	-	18.0	21.3	19.9
		5	14.4	18.1	5.5	11.0	16.1	8.0	1.3	6.9	34.8	6.9	17.4	10.5	-	18.0	21.3	19.9
030-110	4	10	15.2	18.1	5.5	11.0	16.1	8.0	1.3	6.9	35.0	6.9	18.3	9.7	-	18.0	21.3	19.9
		15	15.2	20.1	5.5	11.7	18.4	10.2	1.4	7.5	42.2	7.5	22.6	12.1	-	18.0	21.7	20.2
		20	15.2	20.1	5.5	11.7	18.4	10.2	1.4	7.5	42.2	7.5	22.6	12.1	-	18.0	21.7	20.2
	6	3	15.2	16.6	5.5	11.0	16.1	8.0	1.3	6.9	35.0	6.9	18.3	9.7	-	18.0	21.3	19.9
		5	15.2	18.1	5.5	11.0	16.1	8.0	1.3	6.9	35.0	6.9	18.3	9.7	-	18.0	21.3	19.9
		7.5	15.2	20.1	5.5	11.7	18.4	10.2	1.4	7.5	42.2	7.5	22.6	12.1	-	18.0	21.7	20.2
030-135	4	15	15.2	20.1	5.5	12.7	19.3	10.2	1.5	7.3	44.4	7.3	23.6	13.5	-	18.0	22.3	20.3
		20	15.2	20.1	5.5	12.7	19.3	10.2	1.5	7.3	44.4	7.3	23.6	13.5	-	18.0	22.3	20.3
		25	15.8	23.4	5.5	12.7	20.1	13.1	1.5	7.3	44.4	7.3	23.6	13.5	-	18.0	22.3	20.3
		30	15.8	23.4	5.5	12.7	20.1	13.1	1.5	7.3	44.4	7.3	23.6	13.5	-	18.0	22.3	20.3
		40	16.5	25.3	5.5	12.7	20.9	14.7	1.5	7.3	44.4	7.3	23.6	13.5	-	18.0	22.3	20.3
	6	5	15.2	18.1	5.5	13.0	18.1	8.0	1.3	6.9	35.0	6.9	18.3	9.7	-	18.0	21.3	19.9
		7.5	15.2	20.1	5.5	12.7	19.3	10.2	1.5	7.3	44.4	7.3	23.6	13.5	-	18.0	22.3	20.3
		10	15.2	20.1	5.5	12.7	19.3	10.2	1.5	7.3	44.4	7.3	23.6	13.5	-	18.0	22.3	20.3
		15	15.8	23.4	5.5	12.7	20.1	13.1	1.5	7.3	44.4	7.3	23.6	13.5	-	18.0	22.3	20.3
040-070	2	20	14.2	20.1	5.5	10.2	16.8	10.2	1.3	7.5	43.2	7.5	22.4	13.3	-	15.6	18.9	17.6
		25	13.7	21.8	5.5	10.8	17.4	12.2	1.4	7.1	39.6	7.1	20.2	12.3	-	15.6	19.4	17.8
		30	13.7	23.4	5.5	10.8	18.3	13.1	1.4	7.1	39.6	7.1	20.2	12.3	-	15.6	19.4	17.8
		40	14.2	25.4	5.5	12.2	19.6	13.7	2.2	8.9	46.1	8.9	22.3	15.0	-	16.7	23.6	20.2
		50	14.2	25.3	5.5	12.2	20.4	14.6	2.2	8.9	46.1	8.9	22.3	15.0	-	16.7	23.6	20.2
	4	2	12.5	11.2	5.5	9.7	13.3	5.8	1.0	6.3	28.0	6.3	14.2	7.5	-	15.4	18.1	17.0
		3	13.6	13.9	5.5	9.7	14.1	6.9	1.0	6.3	33.9	6.3	17.8	9.8	-	15.4	18.1	17.0
		5	13.6	15.4	5.5	9.7	14.1	6.9	1.0	6.3	33.9	6.3	17.8	9.8	-	15.4	18.1	17.0
		7.5	13.6	16.6	5.5	9.7	14.8	8.0	1.0	6.3	33.9	6.3	17.8	9.8	-	15.4	18.1	17.0
	6	0.75	12.5	11.2	5.5	9.7	13.3	5.8	1.0	6.3	28.0	6.3	14.2	7.5	-	15.4	18.1	17.0
		1	12.5	11.2	5.5	9.7	13.3	5.8	1.0	6.3	28.0	6.3	14.2	7.5	-	15.4	18.1	17.0
		1.5	13.6	13.9	5.5	9.7	14.1	6.9	1.0	6.3	33.9	6.3	17.8	9.8	-	15.4	18.1	17.0
		2	13.6	15.4	5.5	9.7	14.1	6.9	1.0	6.3	33.9	6.3	17.8	9.8	-	15.4	18.1	17.0
040-095	2	60	17.2	27.8	5.5	15.6	25.7	18.1	2.6	11.6	52.2	11.6	33.3	7.3	15.6	22.1	33.5	26.1
		75	17.2	27.8	5.5	15.6	25.7	18.1	2.6	11.6	52.2	11.6	33.3	7.3	15.6	22.1	33.5	26.1
		100	17.2	31.2	5.5	15.2	26.5	19.3	2.4	10.8	52.6	10.8	36.1	5.6	16.5	22.0	31.9	25.7
		125	19.6	33.0	5.5	16.8	30.0	24.6	2.6	11.4	63.5	11.4	45.8	6.3	17.8	24.5	35.8	28.5
	4	7.5	14.9	16.6	5.5	12.0	17.1	8.0	1.3	6.9	34.6	6.9	17.8	9.9	-	18.0	21.3	19.9
		10	14.9	18.1	5.5	12.0	17.1	8.0	1.3	6.9	34.8	6.9	17.4	10.5	-	18.0	21.3	19.9
		15	15.5	20.1	5.5	12.0	18.6	10.2	1.3	6.9	40.8	6.9	22.3	11.6	-	18.0	21.3	19.9
		20	15.5	20.1	5.5	12.0	18.6	10.2	1.3	6.9	40.8	6.9	22.3	11.6	-	18.0	21.3	19.9
	6	2	14.9	15.4	5.5	12.0	16.4	6.9	1.3	6.9	35.1	6.9	18.3	10.0	-	18.0	21.3	19.9
		3	14.9	16.6	5.5	12.0	17.1	8.0	1.3	6.9	34.6	6.9	17.8	9.9	-	18.0	21.3	19.9
		5	14.9	18.1	5.5	12.0	17.1	8.0	1.3	6.9	34.8	6.9	17.4	10.5	-	18.0	21.3	19.9
		7.5	15.5	20.1	5.5	12.0	18.6	10.2	1.3	6.9	40.8	6.9	22.3	11.6	-	18.0	21.3	19.9

Pump size	Pole	P2 [hp]	LP	AG	X	H3	H4	AB	D	A2	L1	L2	L3	L4	L5	B1	B2	B3
040-110	4	15	15.7	20.1	5.5	12.0	18.6	10.2	1.3	6.9	41.2	6.9	22.6	11.7	-	18.0	21.3	19.9
		20	15.7	20.1	5.5	12.0	18.6	10.2	1.3	6.9	41.2	6.9	22.6	11.7	-	18.0	21.3	19.9
		25	16.3	23.4	5.5	13.1	20.6	13.1	1.7	8.1	43.8	8.1	22.5	13.3	-	18.1	23.6	20.6
		30	16.3	23.4	5.5	13.1	20.6	13.1	1.7	8.1	43.8	8.1	22.5	13.3	-	18.1	23.6	20.6
	6	3	15.7	16.6	5.5	12.0	17.1	8.0	1.3	6.9	35.0	6.9	18.3	9.7	-	18.0	21.3	19.9
		5	15.7	18.1	5.5	12.0	17.1	8.0	1.3	6.9	35.0	6.9	18.3	9.7	-	18.0	21.3	19.9
		7.5	15.7	20.1	5.5	12.0	18.6	10.2	1.3	6.9	41.2	6.9	22.6	11.7	-	18.0	21.3	19.9
		10	15.7	20.1	5.5	12.0	18.6	10.2	1.3	6.9	41.2	6.9	22.6	11.7	-	18.0	21.3	19.9
040-135	4	20	15.7	20.1	5.5	12.7	19.3	10.2	1.5	7.3	44.4	7.3	23.6	13.5	-	18.0	22.3	20.3
		25	16.3	23.4	5.5	12.7	20.1	13.1	1.5	7.3	44.4	7.3	23.6	13.5	-	18.0	22.3	20.3
		30	16.3	23.4	5.5	12.7	20.1	13.1	1.5	7.3	44.4	7.3	23.6	13.5	-	18.0	22.3	20.3
		40	17.0	25.3	5.5	12.7	20.9	14.7	1.5	7.3	44.4	7.3	23.6	13.5	-	18.0	22.3	20.3
		50	17.0	25.3	5.5	12.7	20.9	14.7	1.5	7.3	44.4	7.3	23.6	13.5	-	18.0	22.3	20.3
	6	5	15.7	18.1	5.5	13.0	18.1	8.0	1.3	6.9	35.0	6.9	18.3	9.7	-	18.0	21.3	19.9
		7.5	15.7	20.1	5.5	12.7	19.3	10.2	1.5	7.3	44.4	7.3	23.6	13.5	-	18.0	22.3	20.3
		10	15.7	20.1	5.5	12.7	19.3	10.2	1.5	7.3	44.4	7.3	23.6	13.5	-	18.0	22.3	20.3
		15	16.3	23.4	5.5	12.7	20.1	13.1	1.5	7.3	44.4	7.3	23.6	13.5	-	18.0	22.3	20.3
050-070	2	25	13.7	21.8	5.5	12.1	18.8	12.2	1.7	8.1	44.0	8.1	21.6	14.3	-	16.5	22.0	19.1
		30	13.7	23.4	5.5	12.1	19.6	13.1	1.7	8.1	44.0	8.1	21.6	14.3	-	16.5	22.0	19.1
		40	14.2	25.4	5.5	12.2	19.7	13.7	2.2	8.9	46.1	8.9	22.3	15.0	-	16.7	23.6	20.2
		50	14.2	25.3	5.5	12.2	20.5	14.6	2.2	8.9	46.1	8.9	22.3	15.0	-	16.7	23.6	20.2
		60	14.2	27.8	5.5	15.6	25.7	18.1	2.6	11.6	50.7	11.6	32.1	7.1	13.9	22.1	33.5	26.1
		75	14.2	27.8	5.5	15.6	25.7	18.1	2.6	11.6	50.7	11.6	32.1	7.1	13.9	22.1	33.5	26.1
	4	3	13.6	13.9	5.5	12.1	16.6	6.9	1.7	8.1	37.3	8.1	17.3	12.0	-	16.5	22.0	19.1
		5	13.6	15.4	5.5	12.1	16.6	6.9	1.7	8.1	37.3	8.1	17.3	12.0	-	16.5	22.0	19.1
		7.5	13.6	16.6	5.5	12.1	17.3	8.0	1.7	8.1	37.3	8.1	17.3	12.0	-	16.5	22.0	19.1
		10	13.6	18.1	5.5	12.1	17.3	8.0	1.7	8.1	37.3	8.1	17.3	12.0	-	16.5	22.0	19.1
	6	0.75	12.5	11.2	5.5	12.1	15.7	5.8	1.7	8.1	31.3	8.1	14.2	9.1	-	16.5	22.0	19.1
		1	12.5	11.2	5.5	12.1	15.7	5.8	1.7	8.1	31.3	8.1	14.2	9.1	-	16.5	22.0	19.1
		1.5	13.6	13.9	5.5	12.1	16.6	6.9	1.7	8.1	37.3	8.1	17.3	12.0	-	16.5	22.0	19.1
		2	13.6	15.4	5.5	12.1	16.6	6.9	1.7	8.1	37.3	8.1	17.3	12.0	-	16.5	22.0	19.1
		3	13.6	16.6	5.5	12.1	17.3	8.0	1.7	8.1	37.3	8.1	17.3	12.0	-	16.5	22.0	19.1
050-095	4	10	15.9	18.1	5.5	12.7	17.8	8.0	1.0	6.7	36.1	6.7	19.3	10.1	-	17.8	20.5	19.4
		15	16.5	20.1	5.5	12.7	19.3	10.2	1.0	6.7	42.4	6.7	23.6	12.1	-	17.8	20.5	19.4
		20	16.5	20.1	5.5	12.7	19.3	10.2	1.0	6.7	42.4	6.7	23.6	12.1	-	17.8	20.5	19.4
		25	17.1	23.4	5.5	12.7	20.1	13.1	1.0	6.7	42.4	6.7	23.6	12.1	-	17.8	20.5	19.4
		30	17.1	23.4	5.5	12.7	20.1	13.1	1.0	6.7	42.4	6.7	23.6	12.1	-	17.8	20.5	19.4
	6	3	15.9	16.6	5.5	12.7	17.8	8.0	1.0	6.7	36.1	6.7	19.3	10.1	-	17.8	20.5	19.4
		5	15.9	18.1	5.5	12.7	17.8	8.0	1.0	6.7	36.1	6.7	19.3	10.1	-	17.8	20.5	19.4
		7.5	16.5	20.1	5.5	12.7	19.3	10.2	1.0	6.7	42.4	6.7	23.6	12.1	-	17.8	20.5	19.4
		10	16.5	20.1	5.5	12.7	19.3	10.2	1.0	6.7	42.4	6.7	23.6	12.1	-	17.8	20.5	19.4
050-110	4	20	15.7	20.1	7.1	12.7	19.3	10.2	1.5	7.3	44.4	7.3	23.6	13.5	-	18.0	22.3	20.3
		25	16.3	23.4	7.1	12.7	20.1	13.1	1.5	7.3	44.4	7.3	23.6	13.5	-	18.0	22.3	20.3
		30	16.3	23.4	7.1	12.7	20.1	13.1	1.5	7.3	44.4	7.3	23.6	13.5	-	18.0	22.3	20.3
		40	17.0	25.3	7.1	12.7	20.9	14.7	1.5	7.3	44.4	7.3	23.6	13.5	-	18.0	22.3	20.3
	6	5	15.7	18.1	7.1	13.0	18.1	8.0	1.3	6.9	35.0	6.9	18.3	9.7	-	18.0	21.3	19.9
		7.5	15.7	20.1	7.1	12.7	19.3	10.2	1.5	7.3	44.4	7.3	23.6	13.5	-	18.0	22.3	20.3
		10	15.7	20.1	7.1	12.7	19.3	10.2	1.5	7.3	44.4	7.3	23.6	13.5	-	18.0	22.3	20.3
		15	16.3	23.4	7.1	12.7	20.1	13.1	1.5	7.3	44.4	7.3	23.6	13.5	-	18.0	22.3	20.3

Pump size	Pole	P2 [hp]	LP	AG	X	H3	H4	AB	D	A2	L1	L2	L3	L4	L5	B1	B2	B3
050-135	4	25	16.2	23.4	7.1	16.1	23.6	13.1	2.4	10.8	51.9	10.8	24.7	16.3	-	22.0	31.9	25.7
		30	16.2	23.4	7.1	16.1	23.6	13.1	2.4	10.8	51.9	10.8	24.7	16.3	-	22.0	31.9	25.7
		40	17.5	25.3	7.1	16.1	24.3	14.7	2.4	10.8	51.9	10.8	25.1	16.0	-	22.0	31.9	25.7
		50	17.5	25.3	7.1	16.1	24.3	14.7	2.4	10.8	51.9	10.8	25.1	16.0	-	22.0	31.9	25.7
		60	17.5	27.8	7.1	17.1	27.2	18.1	2.4	10.8	52.9	10.8	35.7	6.3	16.8	22.0	31.9	25.7
		75	17.5	27.8	7.1	17.1	27.2	18.1	2.4	10.8	52.9	10.8	35.7	6.3	16.8	22.0	31.9	25.7
	6	10	17.2	20.1	7.1	16.1	22.7	10.2	2.4	11.8	52.4	11.8	24.2	16.4	-	22.0	31.9	25.7
		15	16.2	23.4	7.1	16.1	23.6	13.1	2.4	10.8	51.9	10.8	24.7	16.3	-	22.0	31.9	25.7
		20	16.2	23.4	7.1	16.1	23.6	13.1	2.4	10.8	51.9	10.8	24.7	16.3	-	22.0	31.9	25.7
060-095	4	15	17.2	20.1	7.1	16.1	22.7	10.2	2.4	10.8	46.9	10.8	22.1	13.9	-	22.0	31.9	25.7
		20	17.2	20.1	7.1	16.1	22.7	10.2	2.4	10.8	46.9	10.8	22.1	13.9	-	22.0	31.9	25.7
		25	17.9	23.4	7.1	16.1	23.6	13.1	2.4	11.8	52.4	11.8	24.2	16.4	-	22.0	31.9	25.7
		30	17.9	23.4	7.1	16.1	23.6	13.1	2.4	11.8	52.4	11.8	24.2	16.4	-	22.0	31.9	25.7
		40	18.8	25.3	7.1	16.1	24.3	14.7	2.4	11.8	52.4	11.8	24.2	16.4	-	22.0	31.9	25.7
	6	5	16.6	18.1	7.1	16.1	21.3	8.0	2.4	10.8	47.7	10.8	22.7	14.2	-	22.0	31.9	25.7
		7.5	17.2	20.1	7.1	16.1	22.7	10.2	2.4	10.8	46.9	10.8	22.1	13.9	-	22.0	31.9	25.7
		10	17.2	20.1	7.1	16.1	22.7	10.2	2.4	10.8	46.9	10.8	22.1	13.9	-	22.0	31.9	25.7
		15	17.9	23.4	7.1	16.1	23.6	13.1	2.4	11.8	52.4	11.8	24.2	16.4	-	22.0	31.9	25.7
060-110	4	30	17.0	23.4	7.1	16.1	23.6	13.1	2.4	10.8	51.9	10.8	24.7	16.3	-	22.0	31.9	25.7
		40	18.3	25.3	7.1	16.1	24.3	14.7	2.4	10.8	51.9	10.8	25.1	16.0	-	22.0	31.9	25.7
		50	18.3	25.3	7.1	16.1	24.3	14.7	2.4	10.8	51.9	10.8	25.1	16.0	-	22.0	31.9	25.7
		60	18.3	27.8	7.1	16.1	26.2	18.1	2.4	10.8	53.9	10.8	35.7	7.3	16.8	22.0	31.9	25.7
	6	7.5	18.0	20.1	7.1	16.1	22.7	10.2	2.4	11.8	52.4	11.8	24.2	16.4	-	22.0	31.9	25.7
		10	18.0	20.1	7.1	16.1	22.7	10.2	2.4	11.8	52.4	11.8	24.2	16.4	-	22.0	31.9	25.7
		15	17.0	23.4	7.1	16.1	23.6	13.1	2.4	10.8	51.9	10.8	24.7	16.3	-	22.0	31.9	25.7
		20	17.0	23.4	7.1	16.1	23.6	13.1	2.4	10.8	51.9	10.8	24.7	16.3	-	22.0	31.9	25.7

Dimensions in mm.

Pump size	Pole	P2 [hp]	LP	AG	X	H3	H4	AB	D	A2	L1	L2	L3	L4	L5	B1	B2	B3
012-070	2	3	298	353	100	201	314	175	38	160	894	160	454	280	-	286	396	346
		5	298	392	100	201	314	175	38	160	894	160	454	280	-	286	396	346
		7.5	298	422	100	203	334	203	38	160	880	160	432	288	-	286	396	346
		10	298	460	100	203	334	203	38	160	880	160	432	288	-	286	396	346
		15	313	511	100	228	397	259	38	175	966	175	517	274	-	331	441	391
	4	0.5	269	284	100	201	293	146	26	145	700	145	361	194	-	282	350	322
		0.75	269	284	100	201	293	146	26	145	700	145	361	194	-	282	350	322
		1	269	284	100	201	293	146	26	145	700	145	361	194	-	282	350	322
		1.5	269	284	100	201	293	146	26	145	700	145	361	194	-	282	350	322
015-070	2	5	298	392	100	201	314	175	38	160	894	160	454	280	-	286	396	346
		7.5	298	422	100	203	334	203	38	160	880	160	432	288	-	286	396	346
		10	298	460	100	203	334	203	38	160	880	160	432	288	-	286	396	346
		15	313	511	100	228	397	259	38	175	966	175	517	274	-	331	441	391
		20	313	511	100	228	397	259	38	175	966	175	517	274	-	331	441	391
	4	0.75	269	284	100	201	293	146	26	145	700	145	361	194	-	282	350	322
		1	269	284	100	201	293	146	26	145	700	145	361	194	-	282	350	322
		1.5	269	284	100	201	293	146	26	145	700	145	361	194	-	282	350	322
		2	269	284	100	201	293	146	26	145	700	145	361	194	-	282	350	322
		3	298	353	100	201	314	175	26	145	834	145	454	235	-	282	350	322

Pump size	Pole	P2 [hp]	LP	AG	X	H3	H4	AB	D	A2	L1	L2	L3	L4	L5	B1	B2	B3
		15	335	511	100	246	414	259	38	165	1057	165	568	324	-	376	486	436
		20	335	511	100	246	414	259	38	165	1057	165	568	324	-	376	486	436
	2	25	323	553	100	260	428	310	33	185	1020	185	512	323	-	376	460	426
		30	323	594	100	260	449	334	33	185	1020	185	512	323	-	376	460	426
015-090		40	335	646	100	300	489	347	55	205	1129	205	566	358	-	420	580	510
		1.5	291	284	100	246	337	146	26	150	701	150	361	190	-	372	440	412
		2	291	284	100	246	337	146	26	150	701	150	361	190	-	372	440	412
	4	3	320	353	100	246	359	175	26	150	842	150	454	238	-	372	440	412
		5	320	392	100	246	358	175	26	150	842	150	454	238	-	372	440	412
		15	335	511	100	246	414	259	38	165	1057	165	568	324	-	376	486	436
		20	335	511	100	246	414	259	38	165	1057	165	568	324	-	376	486	436
	2	25	323	553	100	260	428	310	33	185	1020	185	512	323	-	376	460	426
		30	323	594	100	260	449	334	33	185	1020	185	512	323	-	376	460	426
		40	335	646	100	300	489	347	55	205	1129	205	566	358	-	420	580	510
015-095		50	335	642	100	300	509	372	55	205	1129	205	566	358	-	420	580	510
		2	291	284	100	246	337	146	26	150	701	150	361	190	-	372	440	412
		3	320	353	100	246	359	175	26	150	842	150	454	238	-	372	440	412
	4	5	320	392	100	246	358	175	26	150	842	150	454	238	-	372	440	412
		7.5	320	422	100	246	376	203	26	150	828	150	432	246	-	372	440	412
		15	376	511	100	246	414	259	38	165	1068	165	594	309	-	376	486	436
		20	376	511	100	246	414	259	38	165	1068	165	594	309	-	376	486	436
		25	377	553	100	260	428	310	33	185	1031	185	544	302	-	376	460	426
	2	30	377	594	100	260	449	334	33	185	1031	185	544	302	-	376	460	426
		40	378	646	100	300	489	347	55	205	1119	205	592	322	-	420	580	510
020-095		50	378	642	100	300	509	372	55	205	1119	205	592	322	-	420	580	510
		60	378	706	100	396	653	460	67	295	1326	295	845	186	397	562	850	664
		2	291	284	100	246	337	146	26	150	701	150	361	190	-	372	440	412
		3	320	353	100	246	359	175	26	150	842	150	454	238	-	372	440	412
	4	5	320	392	100	246	358	175	26	150	842	150	454	238	-	372	440	412
		7.5	320	422	100	246	376	203	26	150	828	150	432	246	-	372	440	412
		5	320	392	100	246	358	175	26	150	842	150	454	238	-	372	440	412
		7.5	320	422	100	246	376	203	26	150	828	150	432	246	-	372	440	412
020-110	4	10	320	460	100	246	376	203	26	150	828	150	432	246	-	372	440	412
		15	335	511	100	246	414	259	26	150	986	150	548	289	-	372	440	412
		7.5	386	422	140	304	434	203	33	165	878	165	465	248	-	396	480	446
		10	386	460	140	304	434	203	33	165	878	165	465	248	-	396	480	446
020-135	4	15	386	511	140	304	472	259	33	165	1036	165	574	298	-	396	480	446
		20	386	511	140	304	472	259	33	165	1036	165	574	298	-	396	480	446
		25	402	594	140	304	493	333	33	165	1042	165	570	307	-	396	480	446
		7.5	320	422	140	244	374	203	49	195	937	195	448	294	-	335	475	413
		10	320	460	140	244	374	203	49	195	937	195	448	294	-	335	475	413
	2	15	335	511	140	246	414	259	49	195	1006	195	517	294	-	335	475	413
		20	335	511	140	246	414	259	49	195	1006	195	517	294	-	335	475	413
		25	323	553	140	265	433	310	49	190	1031	190	512	329	-	380	520	458
025-070		30	323	594	140	265	454	334	49	190	1031	190	512	329	-	380	520	458
		1	291	284	140	244	335	146	36	180	755	180	361	214	-	331	427	387
		1.5	291	284	140	244	335	146	36	180	755	180	361	214	-	331	427	387
	4	2	291	284	140	244	335	146	36	180	755	180	361	214	-	331	427	387
		3	320	353	140	244	357	175	36	180	894	180	454	260	-	331	427	387
		5	320	392	140	244	356	175	36	180	894	180	454	260	-	331	427	387

Pump size	Pole	P2 [hp]	LP	AG	X	H3	H4	AB	D	A2	L1	L2	L3	L4	L5	B1	B2	B3
025-095	2	25	377	553	100	318	487	310	58	225	1093	225	544	324	-	464	690	556
		30	377	594	100	318	507	334	58	225	1093	225	544	324	-	464	690	556
		40	378	646	100	300	489	347	55	205	1118	205	592	321	-	460	620	550
		50	378	642	100	300	510	372	55	205	1118	205	592	321	-	460	620	550
		60	378	706	100	395	652	460	67	295	1326	295	845	186	397	562	850	664
		75	378	706	100	395	652	460	67	295	1326	295	845	186	397	562	850	664
	4	3	320	353	100	278	391	175	33	175	892	175	464	253	-	456	540	506
		5	320	392	100	278	391	175	33	175	892	175	464	253	-	456	540	506
		7.5	320	422	100	278	409	203	33	175	883	175	442	266	-	456	540	506
		10	320	460	100	278	409	203	33	175	883	175	442	266	-	456	540	506
	6	1	291	284	100	271	363	146	26	170	721	170	361	190	-	452	520	492
		1.5	320	353	100	278	391	175	33	175	892	175	464	253	-	456	540	506
		2	320	392	100	278	391	175	33	175	892	175	464	253	-	456	540	506
		3	320	422	100	278	409	203	33	175	883	175	442	266	-	456	540	506
025-110	4	7.5	386	422	140	308	439	203	42	205	948	205	465	278	-	420	560	484
		10	386	460	140	308	439	203	42	205	948	205	465	278	-	420	560	484
		15	386	511	140	308	476	259	42	205	1112	205	570	337	-	420	560	484
	6	2	386	392	140	308	421	175	42	205	969	205	488	276	-	420	560	484
		3	386	422	140	308	439	203	42	205	948	205	465	278	-	420	560	484
		5	386	460	140	308	439	203	42	205	948	205	465	278	-	420	560	484
030-070	2	15	335	511	140	246	414	259	49	195	1006	195	517	294	-	335	475	413
		20	335	511	140	246	414	259	49	195	1006	195	517	294	-	335	475	413
		25	323	553	140	265	433	310	49	190	1031	190	512	329	-	380	520	458
		30	323	594	140	265	454	334	49	190	1031	190	512	329	-	380	520	458
		40	335	646	140	311	500	347	57	225	1171	225	566	380	-	424	600	514
	4	1.5	291	284	140	244	335	146	36	180	755	180	361	214	-	331	427	387
		2	291	284	140	244	335	146	36	180	755	180	361	214	-	331	427	387
		3	320	353	140	244	357	175	36	180	894	180	454	260	-	331	427	387
		5	320	392	140	244	356	175	36	180	894	180	454	260	-	331	427	387
030-095	2	40	423	646	140	300	489	347	55	205	1139	205	612	322	-	460	620	550
		50	423	642	140	300	510	372	55	205	1139	205	612	322	-	460	620	550
		60	423	706	140	395	652	460	67	295	1326	295	845	186	397	562	850	664
		75	423	706	140	395	652	460	67	295	1326	295	845	186	397	562	850	664
		100	423	792	140	386	673	491	62	275	1336	275	918	143	420	558	810	654
		125	484	838	140	426	763	625	67	290	1614	290	1163	161	453	622	910	724
	4	5	366	392	140	278	391	175	33	175	892	175	464	253	-	456	540	506
		7.5	366	422	140	278	409	203	33	175	883	175	442	266	-	456	540	506
		10	366	460	140	278	409	203	33	175	883	175	442	266	-	456	540	506
		15	381	511	140	298	466	259	36	190	1066	190	568	309	-	456	552	512
	6	1.5	366	353	140	278	391	175	33	175	892	175	464	253	-	456	540	506
		2	366	392	140	278	391	175	33	175	892	175	464	253	-	456	540	506
		3	366	422	140	278	409	203	33	175	883	175	442	266	-	456	540	506
		5	366	460	140	278	409	203	33	175	883	175	442	266	-	456	540	506
030-110	4	10	386	460	140	278	409	203	33	175	888	175	465	248	-	456	540	506
		15	386	511	140	298	466	259	36	190	1071	190	574	308	-	456	552	512
		20	386	511	140	298	466	259	36	190	1071	190	574	308	-	456	552	512
	6	3	386	422	140	278	409	203	33	175	888	175	465	248	-	456	540	506
		5	386	460	140	278	409	203	33	175	888	175	465	248	-	456	540	506
		7.5	386	511	140	298	466	259	36	190	1071	190	574	308	-	456	552	512

Pump size	Pole	P2 [hp]	LP	AG	X	H3	H4	AB	D	A2	L1	L2	L3	L4	L5	B1	B2	B3
030-135	4	15	386	511	140	322	490	259	38	185	1129	185	601	343	-	456	566	516
		20	386	511	140	322	490	259	38	185	1129	185	601	343	-	456	566	516
		25	402	594	140	322	511	333	38	185	1129	185	601	343	-	456	566	516
		30	402	594	140	322	511	333	38	185	1129	185	601	343	-	456	566	516
		40	418	644	140	322	531	373	38	185	1129	185	601	343	-	456	566	516
	6	5	386	460	140	329	460	203	33	175	888	175	465	248	-	456	540	506
		7.5	386	511	140	322	490	259	38	185	1129	185	601	343	-	456	566	516
		10	386	511	140	322	490	259	38	185	1129	185	601	343	-	456	566	516
		15	402	594	140	322	511	333	38	185	1129	185	601	343	-	456	566	516
040-070	2	20	361	511	140	259	427	259	33	190	1097	190	568	339	-	396	480	446
		25	349	553	140	275	443	310	36	180	1005	180	512	313	-	396	492	452
		30	349	594	140	275	464	334	36	180	1005	180	512	313	-	396	492	452
		40	361	646	140	310	499	347	57	225	1171	225	566	380	-	424	600	514
		50	361	642	140	310	519	372	57	225	1171	225	566	380	-	424	600	514
	4	2	317	284	140	246	337	146	26	160	711	160	361	190	-	392	460	432
		3	346	353	140	246	359	175	26	160	862	160	453	249	-	392	460	432
		5	346	392	140	246	358	175	26	160	862	160	453	249	-	392	460	432
		7.5	346	422	140	246	376	203	26	160	862	160	453	249	-	392	460	432
	6	0.75	317	284	140	246	337	146	26	160	711	160	361	190	-	392	460	432
		1	317	284	140	246	337	146	26	160	711	160	361	190	-	392	460	432
		1.5	346	353	140	246	359	175	26	160	862	160	453	249	-	392	460	432
		2	346	392	140	246	358	175	26	160	862	160	453	249	-	392	460	432
040-095	2	60	436	706	140	396	653	460	67	295	1326	295	845	186	397	562	850	664
		75	436	706	140	396	653	460	67	295	1326	295	845	186	397	562	850	664
		100	436	792	140	386	673	491	62	275	1336	275	918	143	420	558	810	654
		125	497	838	140	427	763	625	67	290	1614	290	1163	161	453	622	910	724
	4	7.5	378	422	140	304	434	203	33	175	879	175	452	252	-	456	540	506
		10	378	460	140	304	434	203	33	175	883	175	442	266	-	456	540	506
		15	393	511	140	304	472	259	33	175	1036	175	568	294	-	456	540	506
		20	393	511	140	304	472	259	33	175	1036	175	568	294	-	456	540	506
	6	2	378	392	140	304	416	175	33	175	892	175	464	253	-	456	540	506
		3	378	422	140	304	434	203	33	175	879	175	452	252	-	456	540	506
		5	378	460	140	304	434	203	33	175	883	175	442	266	-	456	540	506
		7.5	393	511	140	304	472	259	33	175	1036	175	568	294	-	456	540	506
040-110	4	15	399	511	140	304	472	259	33	175	1046	175	574	298	-	456	540	506
		20	399	511	140	304	472	259	33	175	1046	175	574	298	-	456	540	506
		25	415	594	140	334	523	333	42	205	1112	205	570	337	-	460	600	524
		30	415	594	140	334	523	333	42	205	1112	205	570	337	-	460	600	524
	6	3	399	422	140	304	434	203	33	175	888	175	465	248	-	456	540	506
		5	399	460	140	304	434	203	33	175	888	175	465	248	-	456	540	506
		7.5	399	511	140	304	472	259	33	175	1046	175	574	298	-	456	540	506
		10	399	511	140	304	472	259	33	175	1046	175	574	298	-	456	540	506
040-135	4	20	399	511	140	322	490	259	38	185	1129	185	601	343	-	456	566	516
		25	415	594	140	322	511	333	38	185	1129	185	601	343	-	456	566	516
		30	415	594	140	322	511	333	38	185	1129	185	601	343	-	456	566	516
		40	431	644	140	322	531	373	38	185	1129	185	601	343	-	456	566	516
		50	431	644	140	322	531	373	38	185	1129	185	601	343	-	456	566	516
	6	5	399	460	140	329	460	203	33	175	888	175	465	248	-	456	540	506
		7.5	399	511	140	322	490	259	38	185	1129	185	601	343	-	456	566	516
		10	399	511	140	322	490	259	38	185	1129	185	601	343	-	456	566	516
		15	415	594	140	322	511	333	38	185	1129	185	601	343	-	456	566	516

Pump size	Pole	P2 [hp]	LP	AG	X	H3	H4	AB	D	A2	L1	L2	L3	L4	L5	B1	B2	B3
050-070	2	25	349	553	140	308	477	310	42	205	1117	205	548	364	-	420	560	484
		30	349	594	140	308	497	334	42	205	1117	205	548	364	-	420	560	484
		40	361	646	140	310	499	347	57	225	1171	225	566	380	-	424	600	514
		50	361	642	140	310	520	372	57	225	1171	225	566	380	-	424	600	514
		60	361	706	140	395	652	460	67	295	1289	295	814	180	354	562	850	664
		75	361	706	140	395	652	460	67	295	1289	295	814	180	354	562	850	664
	4	3	346	353	140	308	421	175	42	205	947	205	438	304	-	420	560	484
		5	346	392	140	308	421	175	42	205	947	205	438	304	-	420	560	484
		7.5	346	422	140	308	439	203	42	205	947	205	438	304	-	420	560	484
		10	346	460	140	308	439	203	42	205	947	205	438	304	-	420	560	484
	6	0.75	317	284	140	308	400	146	42	205	796	205	361	230	-	420	560	484
		1	317	284	140	308	400	146	42	205	796	205	361	230	-	420	560	484
		1.5	346	353	140	308	421	175	42	205	947	205	438	304	-	420	560	484
		2	346	392	140	308	421	175	42	205	947	205	438	304	-	420	560	484
		3	346	422	140	308	439	203	42	205	947	205	438	304	-	420	560	484
050-095	4	10	404	460	140	322	453	203	26	170	918	170	490	258	-	452	520	492
		15	418	511	140	322	490	259	26	170	1076	170	600	306	-	452	520	492
		20	418	511	140	322	490	259	26	170	1076	170	600	306	-	452	520	492
		25	435	594	140	322	511	333	26	170	1076	170	600	306	-	452	520	492
		30	435	594	140	322	511	333	26	170	1076	170	600	306	-	452	520	492
	6	3	404	422	140	322	453	203	26	170	918	170	490	258	-	452	520	492
		5	404	460	140	322	453	203	26	170	918	170	490	258	-	452	520	492
		7.5	418	511	140	322	490	259	26	170	1076	170	600	306	-	452	520	492
		10	418	511	140	322	490	259	26	170	1076	170	600	306	-	452	520	492
050-110	4	20	399	511	180	322	490	259	38	185	1129	185	601	343	-	456	566	516
		25	415	594	180	322	511	333	38	185	1129	185	601	343	-	456	566	516
		30	415	594	180	322	511	333	38	185	1129	185	601	343	-	456	566	516
		40	431	644	180	322	531	373	38	185	1129	185	601	343	-	456	566	516
	6	5	399	460	180	329	460	203	33	175	888	175	465	248	-	456	540	506
		7.5	399	511	180	322	490	259	38	185	1129	185	601	343	-	456	566	516
		10	399	511	180	322	490	259	38	185	1129	185	601	343	-	456	566	516
		15	415	594	180	322	511	333	38	185	1129	185	601	343	-	456	566	516
050-135	4	25	413	594	180	409	598	333	62	275	1318	275	629	415	-	558	810	654
		30	413	594	180	409	598	333	62	275	1318	275	629	415	-	558	810	654
		40	445	644	180	409	618	373	62	275	1319	275	637	407	-	558	810	654
		50	445	644	180	409	618	373	62	275	1319	275	637	407	-	558	810	654
		60	445	706	180	434	691	460	62	275	1343	275	908	160	426	558	810	654
		75	445	706	180	434	691	460	62	275	1343	275	908	160	426	558	810	654
	6	10	438	511	180	409	578	259	62	300	1330	300	614	416	-	558	810	654
		15	413	594	180	409	598	333	62	275	1318	275	629	415	-	558	810	654
		20	413	594	180	409	598	333	62	275	1318	275	629	415	-	558	810	654
060-095	4	15	437	511	180	409	578	259	62	275	1190	275	561	354	-	558	810	654
		20	437	511	180	409	578	259	62	275	1190	275	561	354	-	558	810	654
		25	454	594	180	409	598	333	62	300	1330	300	614	416	-	558	810	654
		30	454	594	180	409	598	333	62	300	1330	300	614	416	-	558	810	654
		40	478	644	180	409	618	373	62	300	1330	300	614	416	-	558	810	654
	6	5	423	460	180	409	540	203	62	275	1212	275	576	361	-	558	810	654
		7.5	437	511	180	409	578	259	62	275	1190	275	561	354	-	558	810	654
		10	437	511	180	409	578	259	62	275	1190	275	561	354	-	558	810	654
		15	454	594	180	409	598	333	62	300	1330	300	614	416	-	558	810	654

Pump size	Pole	P2 [hp]	LP	AG	X	H3	H4	AB	D	A2	L1	L2	L3	L4	L5	B1	B2	B3
060-110	4	30	432	594	180	409	598	333	62	275	1318	275	629	415	-	558	810	654
		40	464	644	180	409	618	373	62	275	1319	275	637	407	-	558	810	654
		50	464	644	180	409	618	373	62	275	1319	275	637	407	-	558	810	654
		60	464	706	180	409	666	460	62	275	1368	275	908	185	426	558	810	654
	6	7.5	457	511	180	409	578	259	62	300	1330	300	614	416	-	558	810	654
		10	457	511	180	409	578	259	62	300	1330	300	614	416	-	558	810	654
		15	432	594	180	409	598	333	62	275	1318	275	629	415	-	558	810	654
		20	432	594	180	409	598	333	62	275	1318	275	629	415	-	558	810	654

Dimensions for NB pumps with ODP motors, mounting design F

Dimensions in inch.

Pump size	Pole	P2 [hp]	LP	AG	X	H3	H4	AB	D	A2	L1	L2	L3	L4	L5	B1	B2	B3
012-070	2	3	10.6	10.9	3.9	7.9	11.2	5.6	0.6	6.3	28.8	6.3	14.2	8.3	-	11.3	15.6	13.6
		5	11.7	12.4	3.9	7.9	12.4	6.8	0.6	6.3	35.2	6.3	17.9	11.0	-	11.3	15.6	13.6
		7.5	11.7	13.9	3.9	7.9	12.4	6.8	0.6	6.3	35.2	6.3	17.9	11.0	-	11.3	15.6	13.6
		10	11.7	13.9	3.9	8.0	12.8	7.9	0.6	6.3	34.6	6.3	17.0	11.3	-	11.3	15.6	13.6
		15	11.7	15.1	3.9	8.0	12.8	7.9	0.6	6.3	34.6	6.3	17.0	11.3	-	11.3	15.6	13.6
	4	0.5	10.6	9.5	3.9	7.9	11.2	5.6	0.6	5.7	27.6	5.7	14.2	7.6	-	11.1	13.8	12.7
		0.75	10.6	9.5	3.9	7.9	11.2	5.6	0.6	5.7	27.6	5.7	14.2	7.6	-	11.1	13.8	12.7
		1	10.6	9.5	3.9	7.9	11.2	5.6	0.6	5.7	27.6	5.7	14.2	7.6	-	11.1	13.8	12.7
		1.5	10.6	10.9	3.9	7.9	11.2	5.6	0.6	5.7	27.6	5.7	14.2	7.6	-	11.1	13.8	12.7
015-070	2	5	11.7	12.4	3.9	7.9	12.4	6.8	0.6	6.3	35.2	6.3	17.9	11.0	-	11.3	15.6	13.6
		7.5	11.7	13.9	3.9	7.9	12.4	6.8	0.6	6.3	35.2	6.3	17.9	11.0	-	11.3	15.6	13.6
		10	11.7	13.9	3.9	8.0	12.8	7.9	0.6	6.3	34.6	6.3	17.0	11.3	-	11.3	15.6	13.6
		15	11.7	15.1	3.9	8.0	12.8	7.9	0.6	6.3	34.6	6.3	17.0	11.3	-	11.3	15.6	13.6
		20	12.3	19.4	3.9	9.0	14.7	9.6	0.6	6.9	38.0	6.9	20.4	10.8	-	13.0	17.4	15.4
	4	0.75	10.6	9.5	3.9	7.9	11.2	5.6	0.6	5.7	27.6	5.7	14.2	7.6	-	11.1	13.8	12.7
		1	10.6	9.5	3.9	7.9	11.2	5.6	0.6	5.7	27.6	5.7	14.2	7.6	-	11.1	13.8	12.7
		1.5	10.6	10.9	3.9	7.9	11.2	5.6	0.6	5.7	27.6	5.7	14.2	7.6	-	11.1	13.8	12.7
		2	10.6	10.9	3.9	7.9	11.2	5.6	0.6	5.7	27.6	5.7	14.2	7.6	-	11.1	13.8	12.7
		3	11.7	12.4	3.9	7.9	12.4	6.8	0.6	5.7	32.8	5.7	17.9	9.3	-	11.1	13.8	12.7
015-090	2	15	12.6	15.1	3.9	9.7	14.5	7.9	0.6	6.5	33.8	6.5	17.4	9.9	-	14.8	19.1	17.2
		20	13.2	19.4	3.9	9.7	15.4	9.6	0.6	6.5	41.6	6.5	22.4	12.8	-	14.8	19.1	17.2
		25	13.2	19.4	3.9	9.7	15.4	9.6	0.6	6.5	41.6	6.5	22.4	12.8	-	14.8	19.1	17.2
		30	12.7	19.4	3.9	10.2	16.9	12.2	0.6	7.3	40.2	7.3	20.2	12.7	-	14.8	18.1	16.8
		40	12.7	19.4	3.9	10.2	16.9	12.2	0.6	7.3	40.2	7.3	20.2	12.7	-	14.8	18.1	16.8
	4	1.5	11.5	10.9	3.9	9.7	13.0	5.6	0.6	5.9	27.6	5.9	14.2	7.5	-	14.6	17.3	16.2
		2	11.5	10.9	3.9	9.7	13.0	5.6	0.6	5.9	27.6	5.9	14.2	7.5	-	14.6	17.3	16.2
		3	12.6	12.4	3.9	9.7	14.1	6.8	0.6	5.9	33.1	5.9	17.9	9.4	-	14.6	17.3	16.2
		5	12.6	13.9	3.9	9.7	14.1	6.8	0.6	5.9	33.1	5.9	17.9	9.4	-	14.6	17.3	16.2
015-095	2	15	12.6	15.1	3.9	9.7	14.5	7.9	0.6	6.5	33.8	6.5	17.4	9.9	-	14.8	19.1	17.2
		20	13.2	19.4	3.9	9.7	15.4	9.6	0.6	6.5	41.6	6.5	22.4	12.8	-	14.8	19.1	17.2
		25	13.2	19.4	3.9	9.7	15.4	9.6	0.6	6.5	41.6	6.5	22.4	12.8	-	14.8	19.1	17.2
		30	12.7	19.4	3.9	10.2	16.9	12.2	0.6	7.3	40.2	7.3	20.2	12.7	-	14.8	18.1	16.8
		40	12.7	19.4	3.9	10.2	16.9	12.2	0.6	7.3	40.2	7.3	20.2	12.7	-	14.8	18.1	16.8
		50	13.2	22.2	3.9	11.8	18.4	12.2	1.0	8.1	44.4	8.1	22.3	14.1	-	16.5	22.8	20.1
	4	2	11.5	10.9	3.9	9.7	13.0	5.6	0.6	5.9	27.6	5.9	14.2	7.5	-	14.6	17.3	16.2
		3	12.6	12.4	3.9	9.7	14.1	6.8	0.6	5.9	33.1	5.9	17.9	9.4	-	14.6	17.3	16.2
		5	12.6	13.9	3.9	9.7	14.1	6.8	0.6	5.9	33.1	5.9	17.9	9.4	-	14.6	17.3	16.2
		7.5	12.6	13.9	3.9	9.7	14.5	7.9	0.6	5.9	32.6	5.9	17.0	9.7	-	14.6	17.3	16.2
020-095	2	15	14.2	15.1	3.9	9.7	14.5	7.9	0.6	6.5	34.2	6.5	18.4	9.3	-	14.8	19.1	17.2
		20	14.8	19.4	3.9	9.7	15.4	9.6	0.6	6.5	42.0	6.5	23.4	12.2	-	14.8	19.1	17.2
		25	14.8	19.4	3.9	9.7	15.4	9.6	0.6	6.5	42.0	6.5	23.4	12.2	-	14.8	19.1	17.2
		30	14.8	19.4	3.9	10.2	16.9	12.2	0.6	7.3	40.6	7.3	21.4	11.9	-	14.8	18.1	16.8
		40	14.8	19.4	3.9	10.2	16.9	12.2	0.6	7.3	40.6	7.3	21.4	11.9	-	14.8	18.1	16.8
		50	14.9	22.2	3.9	11.8	18.4	12.2	1.0	8.1	44.1	8.1	23.3	12.7	-	16.5	22.8	20.1
		60	14.9	21.7	3.9	11.8	19.4	13.2	1.0	8.1	44.1	8.1	23.3	12.7	-	16.5	22.8	20.1
	4	2	11.5	10.9	3.9	9.7	13.0	5.6	0.6	5.9	27.6	5.9	14.2	7.5	-	14.6	17.3	16.2
		3	12.6	12.4	3.9	9.7	14.1	6.8	0.6	5.9	33.1	5.9	17.9	9.4	-	14.6	17.3	16.2
		5	12.6	13.9	3.9	9.7	14.1	6.8	0.6	5.9	33.1	5.9	17.9	9.4	-	14.6	17.3	16.2
		7.5	12.6	13.9	3.9	9.7	14.5	7.9	0.6	5.9	32.6	5.9	17.0	9.7	-	14.6	17.3	16.2

Pump size	Pole	P2 [hp]	LP	AG	X	H3	H4	AB	D	A2	L1	L2	L3	L4	L5	B1	B2	B3
020-110	4	5	12.6	13.9	3.9	9.7	14.1	6.8	0.6	5.9	33.1	5.9	17.9	9.4	-	14.6	17.3	16.2
		7.5	12.6	13.9	3.9	9.7	14.5	7.9	0.6	5.9	32.6	5.9	17.0	9.7	-	14.6	17.3	16.2
		10	12.6	15.1	3.9	9.7	14.5	7.9	0.6	5.9	32.6	5.9	17.0	9.7	-	14.6	17.3	16.2
		15	13.2	19.4	3.9	9.7	15.4	9.6	0.6	5.9	38.8	5.9	21.6	11.4	-	14.6	17.3	16.2
020-135	4	7.5	15.2	13.9	5.5	12.0	16.7	7.9	0.6	6.5	34.6	6.5	18.3	9.7	-	15.6	18.9	17.6
		10	15.2	15.1	5.5	12.0	16.7	7.9	0.6	6.5	34.6	6.5	18.3	9.7	-	15.6	18.9	17.6
		15	15.2	19.4	5.5	12.0	17.7	9.6	0.6	6.5	40.8	6.5	22.6	11.7	-	15.6	18.9	17.6
		20	15.2	19.4	5.5	12.0	17.7	9.6	0.6	6.5	40.8	6.5	22.6	11.7	-	15.6	18.9	17.6
		25	15.8	20.7	5.5	12.0	18.6	12.2	0.6	6.5	41.0	6.5	22.5	12.1	-	15.6	18.9	17.6
025-070	2	7.5	12.6	13.9	5.5	9.6	14.0	6.8	1.0	7.7	36.9	7.7	17.6	11.6	-	13.2	18.7	16.3
		10	12.6	13.9	5.5	9.6	14.4	7.9	1.0	7.7	36.9	7.7	17.6	11.6	-	13.2	18.7	16.3
		15	12.6	15.1	5.5	9.6	14.4	7.9	1.0	7.7	36.9	7.7	17.6	11.6	-	13.2	18.7	16.3
		20	13.2	19.4	5.5	9.7	15.4	9.6	1.0	7.7	39.6	7.7	20.4	11.6	-	13.2	18.7	16.3
		25	13.2	19.4	5.5	9.7	15.4	9.6	1.0	7.7	39.6	7.7	20.4	11.6	-	13.2	18.7	16.3
		30	12.7	19.4	5.5	10.4	17.1	12.2	1.0	7.5	40.6	7.5	20.2	12.9	-	15.0	20.5	18.0
	4	1	11.5	9.5	5.5	9.6	12.9	5.6	0.6	7.1	29.7	7.1	14.2	8.4	-	13.0	16.8	15.2
		1.5	11.5	10.9	5.5	9.6	12.9	5.6	0.6	7.1	29.7	7.1	14.2	8.4	-	13.0	16.8	15.2
		2	11.5	10.9	5.5	9.6	12.9	5.6	0.6	7.1	29.7	7.1	14.2	8.4	-	13.0	16.8	15.2
		3	12.6	12.4	5.5	9.6	14.0	6.8	0.6	7.1	35.2	7.1	17.9	10.2	-	13.0	16.8	15.2
		5	12.6	13.9	5.5	9.6	14.0	6.8	0.6	7.1	35.2	7.1	17.9	10.2	-	13.0	16.8	15.2
025-095	2	25	14.8	19.4	3.9	11.8	17.6	9.6	1.0	8.1	45.3	8.1	23.4	13.9	-	18.1	24.4	21.7
		30	14.8	19.4	3.9	12.5	19.2	12.2	1.0	8.9	43.0	8.9	21.4	12.8	-	18.3	27.2	21.9
		40	14.8	19.4	3.9	12.5	19.2	12.2	1.0	8.9	43.0	8.9	21.4	12.8	-	18.3	27.2	21.9
		50	14.9	22.2	3.9	11.8	18.4	12.2	1.0	8.1	44.0	8.1	23.3	12.6	-	18.1	24.4	21.7
		60	14.9	21.7	3.9	11.8	19.4	13.2	1.0	8.1	44.0	8.1	23.3	12.6	-	18.1	24.4	21.7
		75	14.9	22.3	3.9	15.6	23.1	12.6	1.0	11.6	52.2	11.6	33.3	7.3	15.6	22.1	33.5	26.1
	4	3	12.6	12.4	3.9	11.0	15.4	6.8	0.6	6.9	35.1	6.9	18.3	10.0	-	18.0	21.3	19.9
		5	12.6	13.9	3.9	11.0	15.4	6.8	0.6	6.9	35.1	6.9	18.3	10.0	-	18.0	21.3	19.9
		7.5	12.6	13.9	3.9	11.0	15.7	7.9	0.6	6.9	34.8	6.9	17.4	10.5	-	18.0	21.3	19.9
		10	12.6	15.1	3.9	11.0	15.7	7.9	0.6	6.9	34.8	6.9	17.4	10.5	-	18.0	21.3	19.9
	6	1	11.5	10.9	3.9	10.7	14.0	5.6	0.6	6.7	28.4	6.7	14.2	7.5	-	17.8	20.5	19.4
		1.5	12.6	12.4	3.9	11.0	15.4	6.8	0.6	6.9	35.1	6.9	18.3	10.0	-	18.0	21.3	19.9
		2	12.6	13.9	3.9	11.0	15.4	6.8	0.6	6.9	35.1	6.9	18.3	10.0	-	18.0	21.3	19.9
		3	12.6	13.9	3.9	11.0	15.7	7.9	0.6	6.9	34.8	6.9	17.4	10.5	-	18.0	21.3	19.9
025-110	4	7.5	15.2	13.9	5.5	12.1	16.9	7.9	0.6	8.1	37.3	8.1	18.3	10.9	-	16.5	22.0	19.1
		10	15.2	15.1	5.5	12.1	16.9	7.9	0.6	8.1	37.3	8.1	18.3	10.9	-	16.5	22.0	19.1
		15	15.2	19.4	5.5	12.1	17.9	9.6	0.6	8.1	43.8	8.1	22.5	13.3	-	16.5	22.0	19.1
	6	2	15.2	13.9	5.5	12.1	16.6	6.8	0.6	8.1	38.1	8.1	19.2	10.9	-	16.5	22.0	19.1
		3	15.2	13.9	5.5	12.1	16.9	7.9	0.6	8.1	37.3	8.1	18.3	10.9	-	16.5	22.0	19.1
		5	15.2	15.1	5.5	12.1	16.9	7.9	0.6	8.1	37.3	8.1	18.3	10.9	-	16.5	22.0	19.1
030-070	2	15	12.6	15.1	5.5	9.6	14.4	7.9	1.0	7.7	35.9	7.7	17.4	10.9	-	13.2	18.7	16.3
		20	13.2	19.4	5.5	9.7	15.4	9.6	1.0	7.7	39.6	7.7	20.4	11.6	-	13.2	18.7	16.3
		25	13.2	19.4	5.5	9.7	15.4	9.6	1.0	7.7	39.6	7.7	20.4	11.6	-	13.2	18.7	16.3
		30	12.7	19.4	5.5	10.4	17.1	12.2	1.0	7.5	40.6	7.5	20.2	12.9	-	15.0	20.5	18.0
		40	12.7	19.4	5.5	10.4	17.1	12.2	1.0	7.5	40.6	7.5	20.2	12.9	-	15.0	20.5	18.0
	4	1.5	11.5	10.9	5.5	9.6	12.9	5.6	0.6	7.1	29.7	7.1	14.2	8.4	-	13.0	16.8	15.2
		2	11.5	10.9	5.5	9.6	12.9	5.6	0.6	7.1	29.7	7.1	14.2	8.4	-	13.0	16.8	15.2
		3	12.6	12.4	5.5	9.6	14.0	6.8	0.6	7.1	35.2	7.1	17.9	10.2	-	13.0	16.8	15.2
		5	12.6	13.9	5.5	9.6	14.0	6.8	0.6	7.1	35.2	7.1	17.9	10.2	-	13.0	16.8	15.2

Pump size	Pole	P2 [hp]	LP	AG	X	H3	H4	AB	D	A2	L1	L2	L3	L4	L5	B1	B2	B3
030-095	2	40	16.6	19.4	5.5	12.5	19.2	12.2	1.0	8.9	47.4	8.9	22.2	16.3	-	18.3	27.2	21.9
		50	16.7	22.2	5.5	11.8	18.4	12.2	1.0	8.1	44.8	8.1	24.1	12.7	-	18.1	24.4	21.7
		60	16.7	21.7	5.5	11.8	19.4	13.2	1.0	8.1	44.8	8.1	24.1	12.7	-	18.1	24.4	21.7
		75	16.7	22.3	5.5	15.6	23.1	12.6	1.0	11.6	52.2	11.6	33.3	7.3	15.6	22.1	33.5	26.1
		100	16.7	24.3	5.5	15.6	23.1	12.6	1.0	11.6	52.2	11.6	33.3	7.3	15.6	22.1	33.5	26.1
		125	16.7	29.6	5.5	15.2	23.6	16.4	1.0	10.8	52.6	10.8	36.1	5.6	16.5	22.0	31.9	25.7
	4	5	14.4	13.9	5.5	11.0	15.4	6.8	0.6	6.9	35.1	6.9	18.3	10.0	-	18.0	21.3	19.9
		7.5	14.4	13.9	5.5	11.0	15.7	7.9	0.6	6.9	34.8	6.9	17.4	10.5	-	18.0	21.3	19.9
		10	14.4	15.1	5.5	11.0	15.7	7.9	0.6	6.9	34.8	6.9	17.4	10.5	-	18.0	21.3	19.9
		15	15.0	19.4	5.5	11.7	17.5	9.6	0.6	7.5	42.0	7.5	22.3	12.1	-	18.0	21.7	20.2
	6	1.5	14.4	12.4	5.5	11.0	15.4	6.8	0.6	6.9	35.1	6.9	18.3	10.0	-	18.0	21.3	19.9
		2	14.4	13.9	5.5	11.0	15.4	6.8	0.6	6.9	35.1	6.9	18.3	10.0	-	18.0	21.3	19.9
		3	14.4	13.9	5.5	11.0	15.7	7.9	0.6	6.9	34.8	6.9	17.4	10.5	-	18.0	21.3	19.9
		5	14.4	15.1	5.5	11.0	15.7	7.9	0.6	6.9	34.8	6.9	17.4	10.5	-	18.0	21.3	19.9
030-110	4	10	15.2	15.1	5.5	11.0	15.7	7.9	0.6	6.9	35.0	6.9	18.3	9.7	-	18.0	21.3	19.9
		15	15.2	19.4	5.5	11.7	17.5	9.6	0.6	7.5	42.2	7.5	22.6	12.1	-	18.0	21.7	20.2
		20	15.2	19.4	5.5	11.7	17.5	9.6	0.6	7.5	42.2	7.5	22.6	12.1	-	18.0	21.7	20.2
	6	3	15.2	13.9	5.5	11.0	15.7	7.9	0.6	6.9	35.0	6.9	18.3	9.7	-	18.0	21.3	19.9
		5	15.2	15.1	5.5	11.0	15.7	7.9	0.6	6.9	35.0	6.9	18.3	9.7	-	18.0	21.3	19.9
		7.5	15.2	19.4	5.5	11.7	17.5	9.6	0.6	7.5	42.2	7.5	22.6	12.1	-	18.0	21.7	20.2
030-135	4	15	15.2	19.4	5.5	12.7	18.4	9.6	0.6	7.3	44.4	7.3	23.6	13.5	-	18.0	22.3	20.3
		20	15.2	19.4	5.5	12.7	18.4	9.6	0.6	7.3	44.4	7.3	23.6	13.5	-	18.0	22.3	20.3
		25	15.8	20.7	5.5	12.7	19.3	12.2	0.6	7.3	44.4	7.3	23.6	13.5	-	18.0	22.3	20.3
		30	15.8	21.7	5.5	12.7	19.3	12.2	0.6	7.3	44.4	7.3	23.6	13.5	-	18.0	22.3	20.3
		40	16.5	22.1	5.5	12.7	19.3	12.2	0.6	7.3	44.4	7.3	23.6	13.5	-	18.0	22.3	20.3
	6	5	15.2	15.1	5.5	13.0	17.7	7.9	0.6	6.9	35.0	6.9	18.3	9.7	-	18.0	21.3	19.9
		7.5	15.2	19.4	5.5	12.7	18.4	9.6	0.6	7.3	44.4	7.3	23.6	13.5	-	18.0	22.3	20.3
		10	15.2	19.4	5.5	12.7	18.4	9.6	0.6	7.3	44.4	7.3	23.6	13.5	-	18.0	22.3	20.3
		15	15.8	20.7	5.5	12.7	19.3	12.2	0.6	7.3	44.4	7.3	23.6	13.5	-	18.0	22.3	20.3
040-070	2	20	14.2	19.4	5.5	10.2	15.9	9.6	0.6	7.5	43.2	7.5	22.4	13.3	-	15.6	18.9	17.6
		25	14.2	19.4	5.5	10.2	15.9	9.6	0.6	7.5	43.2	7.5	22.4	13.3	-	15.6	18.9	17.6
		30	13.7	19.4	5.5	10.8	17.4	12.2	0.6	7.1	39.6	7.1	20.2	12.3	-	15.6	19.4	17.8
		40	13.7	19.4	5.5	10.8	17.4	12.2	0.6	7.1	39.6	7.1	20.2	12.3	-	15.6	19.4	17.8
		50	14.2	22.2	5.5	12.2	18.8	12.2	1.0	8.9	46.1	8.9	22.3	15.0	-	16.7	23.6	20.2
	4	2	12.5	10.9	5.5	9.7	13.0	5.6	0.6	6.3	28.0	6.3	14.2	7.5	-	15.4	18.1	17.0
		3	13.6	12.4	5.5	9.7	14.1	6.8	0.6	6.3	33.9	6.3	17.8	9.8	-	15.4	18.1	17.0
		5	13.6	13.9	5.5	9.7	14.1	6.8	0.6	6.3	33.9	6.3	17.8	9.8	-	15.4	18.1	17.0
		7.5	13.6	13.9	5.5	9.7	14.5	7.9	0.6	6.3	33.9	6.3	17.8	9.8	-	15.4	18.1	17.0
	6	0.75	12.5	9.5	5.5	9.7	13.0	5.6	0.6	6.3	28.0	6.3	14.2	7.5	-	15.4	18.1	17.0
		1	12.5	10.9	5.5	9.7	13.0	5.6	0.6	6.3	28.0	6.3	14.2	7.5	-	15.4	18.1	17.0
		1.5	13.6	12.4	5.5	9.7	14.1	6.8	0.6	6.3	33.9	6.3	17.8	9.8	-	15.4	18.1	17.0
		2	13.6	13.9	5.5	9.7	14.1	6.8	0.6	6.3	33.9	6.3	17.8	9.8	-	15.4	18.1	17.0
040-095	2	60	17.2	21.7	5.5	12.1	19.7	13.2	1.0	7.9	44.4	7.9	24.1	12.4	-	18.1	23.6	21.2
		75	17.2	22.3	5.5	15.6	23.2	12.6	1.0	11.6	52.2	11.6	33.3	7.3	15.6	22.1	33.5	26.1
		100	17.2	24.3	5.5	15.6	23.2	12.6	1.0	11.6	52.2	11.6	33.3	7.3	15.6	22.1	33.5	26.1
		125	17.2	29.6	5.5	15.2	23.6	16.4	1.0	10.8	52.6	10.8	36.1	5.6	16.5	22.0	31.9	25.7
	4	7.5	14.9	13.9	5.5	12.0	16.7	7.9	0.6	6.9	34.6	6.9	17.8	9.9	-	18.0	21.3	19.9
		10	14.9	15.1	5.5	12.0	16.7	7.9	0.6	6.9	34.8	6.9	17.4	10.5	-	18.0	21.3	19.9
		15	15.5	19.4	5.5	12.0	17.7	9.6	0.6	6.9	40.8	6.9	22.3	11.6	-	18.0	21.3	19.9
		20	15.5	19.4	5.5	12.0	17.7	9.6	0.6	6.9	40.8	6.9	22.3	11.6	-	18.0	21.3	19.9
	6	2	14.9	13.9	5.5	12.0	16.4	6.8	0.6	6.9	35.1	6.9	18.3	10.0	-	18.0	21.3	19.9
		3	14.9	13.9	5.5	12.0	16.7	7.9	0.6	6.9	34.6	6.9	17.8	9.9	-	18.0	21.3	19.9
		5	14.9	15.1	5.5	12.0	16.7	7.9	0.6	6.9	34.8	6.9	17.4	10.5	-	18.0	21.3	19.9
		7.5	15.5	19.4	5.5	12.0	17.7	9.6	0.6	6.9	40.8	6.9	22.3	11.6	-	18.0	21.3	19.9

Pump size	Pole	P2 [hp]	LP	AG	X	H3	H4	AB	D	A2	L1	L2	L3	L4	L5	B1	B2	B3
040-110	4	15	15.7	19.4	5.5	12.0	17.7	9.6	0.6	6.9	41.2	6.9	22.6	11.7	-	18.0	21.3	19.9
		20	15.7	19.4	5.5	12.0	17.7	9.6	0.6	6.9	41.2	6.9	22.6	11.7	-	18.0	21.3	19.9
		25	16.3	20.7	5.5	13.1	19.8	12.2	0.6	8.1	43.8	8.1	22.5	13.3	-	18.1	23.6	20.6
		30	16.3	21.7	5.5	13.1	19.8	12.2	0.6	8.1	43.8	8.1	22.5	13.3	-	18.1	23.6	20.6
	6	3	15.7	13.9	5.5	12.0	16.7	7.9	0.6	6.9	35.0	6.9	18.3	9.7	-	18.0	21.3	19.9
		5	15.7	15.1	5.5	12.0	16.7	7.9	0.6	6.9	35.0	6.9	18.3	9.7	-	18.0	21.3	19.9
		7.5	15.7	19.4	5.5	12.0	17.7	9.6	0.6	6.9	41.2	6.9	22.6	11.7	-	18.0	21.3	19.9
		10	15.7	19.4	5.5	12.0	17.7	9.6	0.6	6.9	41.2	6.9	22.6	11.7	-	18.0	21.3	19.9
040-135	4	20	15.7	19.4	5.5	12.7	18.4	9.6	0.6	7.3	44.4	7.3	23.6	13.5	-	18.0	22.3	20.3
		25	16.3	20.7	5.5	12.7	19.3	12.2	0.6	7.3	44.4	7.3	23.6	13.5	-	18.0	22.3	20.3
		30	16.3	21.7	5.5	12.7	19.3	12.2	0.6	7.3	44.4	7.3	23.6	13.5	-	18.0	22.3	20.3
		40	17.0	22.1	5.5	12.7	19.3	12.2	0.6	7.3	44.4	7.3	23.6	13.5	-	18.0	22.3	20.3
		50	17.0	23.7	5.5	12.7	20.3	13.2	0.6	7.3	44.4	7.3	23.6	13.5	-	18.0	22.3	20.3
	6	5	15.7	15.1	5.5	13.0	17.7	7.9	0.6	6.9	35.0	6.9	18.3	9.7	-	18.0	21.3	19.9
		7.5	15.7	19.4	5.5	12.7	18.4	9.6	0.6	7.3	44.4	7.3	23.6	13.5	-	18.0	22.3	20.3
		10	15.7	19.4	5.5	12.7	18.4	9.6	0.6	7.3	44.4	7.3	23.6	13.5	-	18.0	22.3	20.3
		15	16.3	20.7	5.5	12.7	19.3	12.2	0.6	7.3	44.4	7.3	23.6	13.5	-	18.0	22.3	20.3
050-070	2	25	14.2	19.4	5.5	12.1	17.9	9.6	0.6	8.1	44.0	8.1	21.6	14.3	-	16.5	22.0	19.1
		30	13.7	19.4	5.5	12.1	18.8	12.2	0.6	8.1	44.0	8.1	21.6	14.3	-	16.5	22.0	19.1
		40	13.7	19.4	5.5	12.1	18.8	12.2	0.6	8.1	44.0	8.1	21.6	14.3	-	16.5	22.0	19.1
		50	14.2	22.2	5.5	12.2	18.8	12.2	1.0	8.9	46.1	8.9	22.3	15.0	-	16.7	23.6	20.2
		60	14.2	21.7	5.5	12.2	19.8	13.2	1.0	8.9	46.1	8.9	22.3	15.0	-	16.7	23.6	20.2
		75	14.2	22.3	5.5	15.6	23.1	12.6	1.0	11.6	50.7	11.6	32.1	7.1	13.9	22.1	33.5	26.1
	4	3	13.6	12.4	5.5	12.1	16.6	6.8	0.6	8.1	37.3	8.1	17.3	12.0	-	16.5	22.0	19.1
		5	13.6	13.9	5.5	12.1	16.6	6.8	0.6	8.1	37.3	8.1	17.3	12.0	-	16.5	22.0	19.1
		7.5	13.6	13.9	5.5	12.1	16.9	7.9	0.6	8.1	37.3	8.1	17.3	12.0	-	16.5	22.0	19.1
		10	13.6	15.1	5.5	12.1	16.9	7.9	0.6	8.1	37.3	8.1	17.3	12.0	-	16.5	22.0	19.1
	6	0.75	12.5	9.5	5.5	12.1	15.4	5.6	0.6	8.1	31.3	8.1	14.2	9.1	-	16.5	22.0	19.1
		1	12.5	10.9	5.5	12.1	15.4	5.6	0.6	8.1	31.3	8.1	14.2	9.1	-	16.5	22.0	19.1
		1.5	13.6	12.4	5.5	12.1	16.6	6.8	0.6	8.1	37.3	8.1	17.3	12.0	-	16.5	22.0	19.1
		2	13.6	13.9	5.5	12.1	16.6	6.8	0.6	8.1	37.3	8.1	17.3	12.0	-	16.5	22.0	19.1
		3	13.6	13.9	5.5	12.1	16.9	7.9	0.6	8.1	37.3	8.1	17.3	12.0	-	16.5	22.0	19.1
050-095	4	10	15.9	15.1	5.5	12.7	17.5	7.9	0.6	6.7	36.1	6.7	19.3	10.1	-	17.8	20.5	19.4
		15	16.5	19.4	5.5	12.7	18.4	9.6	0.6	6.7	42.4	6.7	23.6	12.1	-	17.8	20.5	19.4
		20	16.5	19.4	5.5	12.7	18.4	9.6	0.6	6.7	42.4	6.7	23.6	12.1	-	17.8	20.5	19.4
		25	17.1	20.7	5.5	12.7	19.3	12.2	0.6	6.7	42.4	6.7	23.6	12.1	-	17.8	20.5	19.4
		30	17.1	21.7	5.5	12.7	19.3	12.2	0.6	6.7	42.4	6.7	23.6	12.1	-	17.8	20.5	19.4
	6	3	15.9	13.9	5.5	12.7	17.5	7.9	0.6	6.7	36.1	6.7	19.3	10.1	-	17.8	20.5	19.4
		5	15.9	15.1	5.5	12.7	17.5	7.9	0.6	6.7	36.1	6.7	19.3	10.1	-	17.8	20.5	19.4
		7.5	16.5	19.4	5.5	12.7	18.4	9.6	0.6	6.7	42.4	6.7	23.6	12.1	-	17.8	20.5	19.4
		10	16.5	19.4	5.5	12.7	18.4	9.6	0.6	6.7	42.4	6.7	23.6	12.1	-	17.8	20.5	19.4
050-110	4	20	15.7	19.4	7.1	12.7	18.4	9.6	0.6	7.3	44.4	7.3	23.6	13.5	-	18.0	22.3	20.3
		25	16.3	20.7	7.1	12.7	19.3	12.2	0.6	7.3	44.4	7.3	23.6	13.5	-	18.0	22.3	20.3
		30	16.3	21.7	7.1	12.7	19.3	12.2	0.6	7.3	44.4	7.3	23.6	13.5	-	18.0	22.3	20.3
		40	17.0	22.1	7.1	12.7	19.3	12.2	0.6	7.3	44.4	7.3	23.6	13.5	-	18.0	22.3	20.3
	6	5	15.7	15.1	7.1	13.0	17.7	7.9	0.6	6.9	35.0	6.9	18.3	9.7	-	18.0	21.3	19.9
		7.5	15.7	19.4	7.1	12.7	18.4	9.6	0.6	7.3	44.4	7.3	23.6	13.5	-	18.0	22.3	20.3
		10	15.7	19.4	7.1	12.7	18.4	9.6	0.6	7.3	44.4	7.3	23.6	13.5	-	18.0	22.3	20.3
		15	16.3	20.7	7.1	12.7	19.3	12.2	0.6	7.3	44.4	7.3	23.6	13.5	-	18.0	22.3	20.3

Pump size	Pole	P2 [hp]	LP	AG	X	H3	H4	AB	D	A2	L1	L2	L3	L4	L5	B1	B2	B3
050-135	4	25	16.2	20.7	7.1	16.1	22.7	12.2	1.0	10.8	51.9	10.8	24.7	16.3	-	22.0	31.9	25.7
		30	16.2	21.7	7.1	16.1	22.7	12.2	1.0	10.8	51.9	10.8	24.7	16.3	-	22.0	31.9	25.7
		40	17.5	22.1	7.1	16.1	22.7	12.2	1.0	10.8	51.9	10.8	25.1	16.0	-	22.0	31.9	25.7
		50	17.5	23.7	7.1	16.1	23.7	13.2	1.0	10.8	51.9	10.8	25.1	16.0	-	22.0	31.9	25.7
		60	17.5	25.1	7.1	17.1	24.7	13.2	1.0	10.8	52.9	10.8	35.7	6.3	16.8	22.0	31.9	25.7
		75	17.5	28.1	7.1	17.1	25.5	14.0	1.0	10.8	52.9	10.8	35.7	6.3	16.8	22.0	31.9	25.7
	6	10	17.2	19.4	7.1	16.1	21.9	9.6	1.0	11.8	52.4	11.8	24.2	16.4	-	22.0	31.9	25.7
		15	16.2	20.7	7.1	16.1	22.7	12.2	1.0	10.8	51.9	10.8	24.7	16.3	-	22.0	31.9	25.7
		20	16.2	21.7	7.1	16.1	22.7	12.2	1.0	10.8	51.9	10.8	24.7	16.3	-	22.0	31.9	25.7
060-095	4	15	17.2	19.4	7.1	16.1	21.9	9.6	1.0	10.8	46.9	10.8	22.1	13.9	-	22.0	31.9	25.7
		20	17.2	19.4	7.1	16.1	21.9	9.6	1.0	10.8	46.9	10.8	22.1	13.9	-	22.0	31.9	25.7
		25	17.9	20.7	7.1	16.1	22.7	12.2	1.0	11.8	52.4	11.8	24.2	16.4	-	22.0	31.9	25.7
		30	17.9	21.7	7.1	16.1	22.7	12.2	1.0	11.8	52.4	11.8	24.2	16.4	-	22.0	31.9	25.7
		40	18.8	22.1	7.1	16.1	22.7	12.2	1.0	11.8	52.4	11.8	24.2	16.4	-	22.0	31.9	25.7
	6	5	16.6	15.1	7.1	16.1	20.9	7.9	1.0	10.8	47.7	10.8	22.7	14.2	-	22.0	31.9	25.7
		7.5	17.2	19.4	7.1	16.1	21.9	9.6	1.0	10.8	46.9	10.8	22.1	13.9	-	22.0	31.9	25.7
		10	17.2	19.4	7.1	16.1	21.9	9.6	1.0	10.8	46.9	10.8	22.1	13.9	-	22.0	31.9	25.7
		15	17.9	20.7	7.1	16.1	22.7	12.2	1.0	11.8	52.4	11.8	24.2	16.4	-	22.0	31.9	25.7
060-110	4	30	17.0	21.7	7.1	16.1	22.7	12.2	1.0	10.8	51.9	10.8	24.7	16.3	-	22.0	31.9	25.7
		40	18.3	22.1	7.1	16.1	22.7	12.2	1.0	10.8	51.9	10.8	25.1	16.0	-	22.0	31.9	25.7
		50	18.3	23.7	7.1	16.1	23.7	13.2	1.0	10.8	51.9	10.8	25.1	16.0	-	22.0	31.9	25.7
		60	18.3	25.1	7.1	16.1	23.7	13.2	1.0	10.8	53.9	10.8	35.7	7.3	16.8	22.0	31.9	25.7
	6	7.5	18.0	19.4	7.1	16.1	21.9	9.6	1.0	11.8	52.4	11.8	24.2	16.4	-	22.0	31.9	25.7
		10	18.0	19.4	7.1	16.1	21.9	9.6	1.0	11.8	52.4	11.8	24.2	16.4	-	22.0	31.9	25.7
		15	17.0	20.7	7.1	16.1	22.7	12.2	1.0	10.8	51.9	10.8	24.7	16.3	-	22.0	31.9	25.7
		20	17.0	21.7	7.1	16.1	22.7	12.2	1.0	10.8	51.9	10.8	24.7	16.3	-	22.0	31.9	25.7

Dimensions in mm.

Pump size	Pole	P2 [hp]	LP	AG	X	H3	H4	AB	D	A2	L1	L2	L3	L4	L5	B1	B2	B3
012-070	2	3	269	276	100	201	285	143	16	160	731	160	361	210	-	286	396	346
		5	298	314	100	201	314	171	16	160	894	160	454	280	-	286	396	346
		7.5	298	352	100	201	314	171	16	160	894	160	454	280	-	286	396	346
		10	298	354	100	203	325	200	16	160	880	160	432	288	-	286	396	346
		15	298	383	100	203	325	200	16	160	880	160	432	288	-	286	396	346
	4	0.5	269	241	100	201	285	143	16	145	700	145	361	194	-	282	350	322
		0.75	269	241	100	201	285	143	16	145	700	145	361	194	-	282	350	322
		1	269	241	100	201	285	143	16	145	700	145	361	194	-	282	350	322
		1.5	269	276	100	201	285	143	16	145	700	145	361	194	-	282	350	322
015-070	2	5	298	314	100	201	314	171	16	160	894	160	454	280	-	286	396	346
		7.5	298	352	100	201	314	171	16	160	894	160	454	280	-	286	396	346
		10	298	354	100	203	325	200	16	160	880	160	432	288	-	286	396	346
		15	298	383	100	203	325	200	16	160	880	160	432	288	-	286	396	346
		20	313	494	100	228	374	245	16	175	966	175	517	274	-	331	441	391
	4	0.75	269	241	100	201	285	143	16	145	700	145	361	194	-	282	350	322
		1	269	241	100	201	285	143	16	145	700	145	361	194	-	282	350	322
		1.5	269	276	100	201	285	143	16	145	700	145	361	194	-	282	350	322
		2	269	276	100	201	285	143	16	145	700	145	361	194	-	282	350	322
		3	298	314	100	201	314	171	16	145	834	145	454	235	-	282	350	322

Pump size	Pole	P2 [hp]	LP	AG	X	H3	H4	AB	D	A2	L1	L2	L3	L4	L5	B1	B2	B3
015-090	2	15	320	383	100	246	367	200	16	165	858	165	441	252	-	376	486	436
		20	335	494	100	246	392	245	16	165	1057	165	568	324	-	376	486	436
		25	335	494	100	246	392	245	16	165	1057	165	568	324	-	376	486	436
		30	323	494	100	260	428	310	16	185	1020	185	512	323	-	376	460	426
		40	323	494	100	260	428	310	16	185	1020	185	512	323	-	376	460	426
	4	1.5	291	276	100	246	330	143	16	150	701	150	361	190	-	372	440	412
		2	291	276	100	246	330	143	16	150	701	150	361	190	-	372	440	412
		3	320	314	100	246	359	171	16	150	842	150	454	238	-	372	440	412
		5	320	352	100	246	359	171	16	150	842	150	454	238	-	372	440	412
015-095	2	15	320	383	100	246	367	200	16	165	858	165	441	252	-	376	486	436
		20	335	494	100	246	392	245	16	165	1057	165	568	324	-	376	486	436
		25	335	494	100	246	392	245	16	165	1057	165	568	324	-	376	486	436
		30	323	494	100	260	428	310	16	185	1020	185	512	323	-	376	460	426
		40	323	494	100	260	428	310	16	185	1020	185	512	323	-	376	460	426
		50	335	563	100	300	468	310	26	205	1129	205	566	358	-	420	580	510
	4	2	291	276	100	246	330	143	16	150	701	150	361	190	-	372	440	412
		3	320	314	100	246	359	171	16	150	842	150	454	238	-	372	440	412
		5	320	352	100	246	359	171	16	150	842	150	454	238	-	372	440	412
		7.5	320	354	100	246	367	200	16	150	828	150	432	246	-	372	440	412
020-095	2	15	360	383	100	246	367	200	16	165	869	165	467	237	-	376	486	436
		20	376	494	100	246	392	245	16	165	1068	165	594	309	-	376	486	436
		25	376	494	100	246	392	245	16	165	1068	165	594	309	-	376	486	436
		30	377	494	100	260	428	310	16	185	1031	185	544	302	-	376	460	426
		40	377	494	100	260	428	310	16	185	1031	185	544	302	-	376	460	426
		50	378	563	100	300	468	310	26	205	1119	205	592	322	-	420	580	510
		60	378	551	100	300	493	336	26	205	1119	205	592	322	-	420	580	510
	4	2	291	276	100	246	330	143	16	150	701	150	361	190	-	372	440	412
		3	320	314	100	246	359	171	16	150	842	150	454	238	-	372	440	412
		5	320	352	100	246	359	171	16	150	842	150	454	238	-	372	440	412
		7.5	320	354	100	246	367	200	16	150	828	150	432	246	-	372	440	412
020-110	4	5	320	352	100	246	359	171	16	150	842	150	454	238	-	372	440	412
		7.5	320	354	100	246	367	200	16	150	828	150	432	246	-	372	440	412
		10	320	383	100	246	367	200	16	150	828	150	432	246	-	372	440	412
		15	335	494	100	246	392	245	16	150	986	150	548	289	-	372	440	412
020-135	4	7.5	386	354	140	304	425	200	16	165	878	165	465	248	-	396	480	446
		10	386	383	140	304	425	200	16	165	878	165	465	248	-	396	480	446
		15	386	494	140	304	450	245	16	165	1036	165	574	298	-	396	480	446
		20	386	494	140	304	450	245	16	165	1036	165	574	298	-	396	480	446
		25	402	525	140	304	472	310	16	165	1042	165	570	307	-	396	480	446
025-070	2	7.5	320	352	140	244	357	171	26	195	937	195	448	294	-	335	475	413
		10	320	354	140	244	365	200	26	195	937	195	448	294	-	335	475	413
		15	320	383	140	244	365	200	26	195	937	195	448	294	-	335	475	413
		20	335	494	140	246	392	245	26	195	1006	195	517	294	-	335	475	413
		25	335	494	140	246	392	245	26	195	1006	195	517	294	-	335	475	413
		30	323	494	140	265	433	310	26	190	1031	190	512	329	-	380	520	458
	4	1	291	241	140	244	327	143	16	180	755	180	361	214	-	331	427	387
		1.5	291	276	140	244	328	143	16	180	755	180	361	214	-	331	427	387
		2	291	276	140	244	328	143	16	180	755	180	361	214	-	331	427	387
		3	320	314	140	244	357	171	16	180	894	180	454	260	-	331	427	387
		5	320	352	140	244	357	171	16	180	894	180	454	260	-	331	427	387

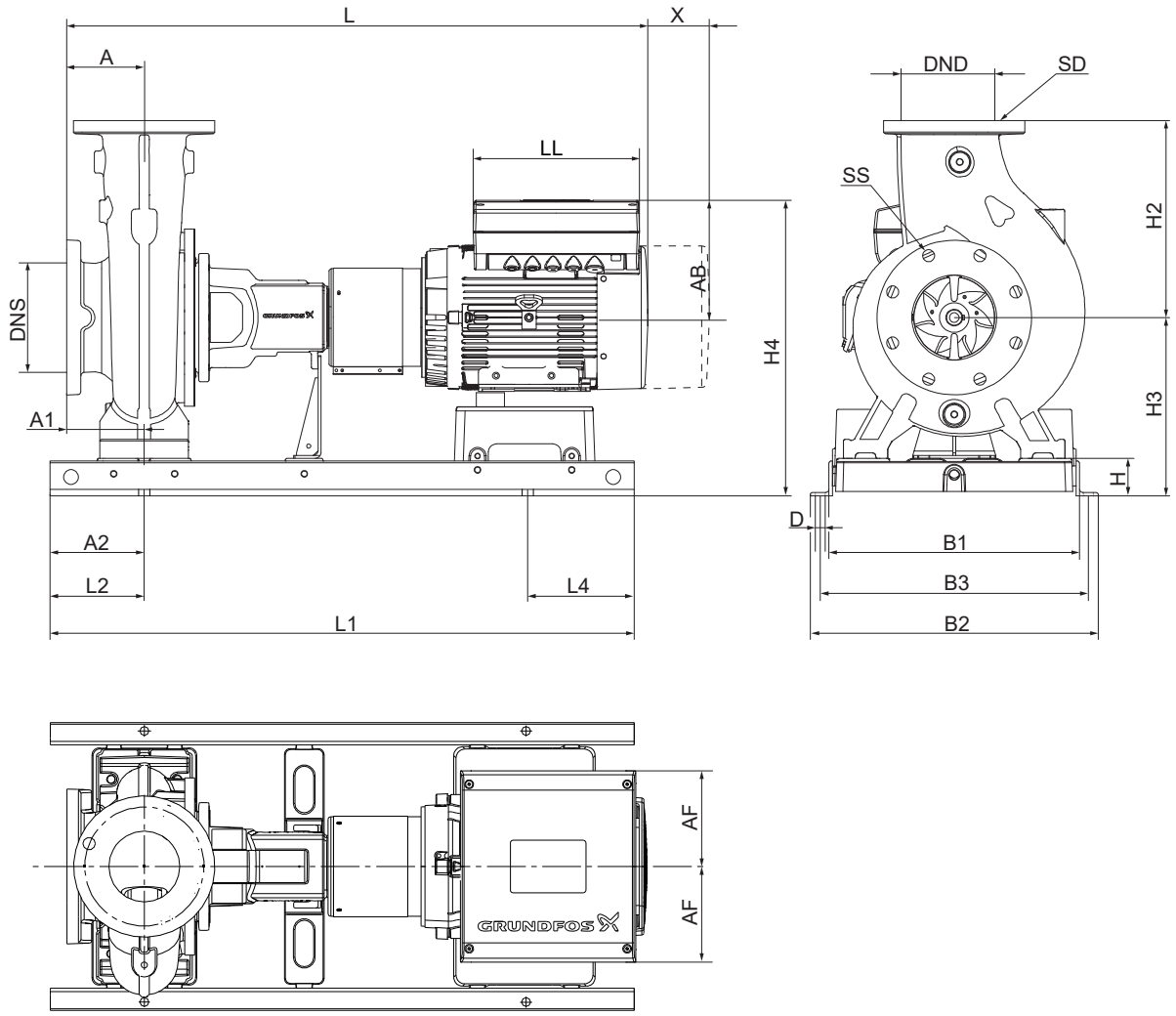
Pump size	Pole	P2 [hp]	LP	AG	X	H3	H4	AB	D	A2	L1	L2	L3	L4	L5	B1	B2	B3
025-095	2	25	376	494	100	300	446	245	26	205	1151	205	594	352	-	460	620	550
		30	377	494	100	318	487	310	26	225	1093	225	544	324	-	464	690	556
		40	377	494	100	318	487	310	26	225	1093	225	544	324	-	464	690	556
		50	378	563	100	300	469	310	26	205	1118	205	592	321	-	460	620	550
		60	378	551	100	300	493	336	26	205	1118	205	592	321	-	460	620	550
		75	378	567	100	395	588	319	26	295	1326	295	845	186	397	562	850	664
	4	3	320	314	100	278	391	171	16	175	892	175	464	253	-	456	540	506
		5	320	352	100	278	391	171	16	175	892	175	464	253	-	456	540	506
		7.5	320	354	100	278	400	200	16	175	883	175	442	266	-	456	540	506
		10	320	383	100	278	400	200	16	175	883	175	442	266	-	456	540	506
	6	1	291	276	100	271	355	143	16	170	721	170	361	190	-	452	520	492
		1.5	320	314	100	278	391	171	16	175	892	175	464	253	-	456	540	506
		2	320	352	100	278	391	171	16	175	892	175	464	253	-	456	540	506
		3	320	354	100	278	400	200	16	175	883	175	442	266	-	456	540	506
025-110	4	7.5	386	354	140	308	430	200	16	205	948	205	465	278	-	420	560	484
		10	386	383	140	308	430	200	16	205	948	205	465	278	-	420	560	484
		15	386	494	140	308	454	245	16	205	1112	205	570	337	-	420	560	484
	6	2	386	352	140	308	421	171	16	205	969	205	488	276	-	420	560	484
		3	386	354	140	308	430	200	16	205	948	205	465	278	-	420	560	484
		5	386	383	140	308	430	200	16	205	948	205	465	278	-	420	560	484
030-070	2	15	320	383	140	244	365	200	26	195	913	195	441	277	-	335	475	413
		20	335	494	140	246	392	245	26	195	1006	195	517	294	-	335	475	413
		25	335	494	140	246	392	245	26	195	1006	195	517	294	-	335	475	413
		30	323	494	140	265	433	310	26	190	1031	190	512	329	-	380	520	458
		40	323	494	140	265	433	310	26	190	1031	190	512	329	-	380	520	458
	4	1.5	291	276	140	244	328	143	16	180	755	180	361	214	-	331	427	387
		2	291	276	140	244	328	143	16	180	755	180	361	214	-	331	427	387
		3	320	314	140	244	357	171	16	180	894	180	454	260	-	331	427	387
		5	320	352	140	244	357	171	16	180	894	180	454	260	-	331	427	387
030-095	2	40	422	494	140	318	487	310	26	225	1204	225	564	415	-	464	690	556
		50	423	563	140	300	469	310	26	205	1139	205	612	322	-	460	620	550
		60	423	551	140	300	493	336	26	205	1139	205	612	322	-	460	620	550
		75	423	567	140	395	588	319	26	295	1326	295	845	186	397	562	850	664
		100	423	617	140	395	588	319	26	295	1326	295	845	186	397	562	850	664
		125	423	752	140	386	600	417	26	275	1336	275	918	143	420	558	810	654
	4	5	366	352	140	278	391	171	16	175	892	175	464	253	-	456	540	506
		7.5	366	354	140	278	400	200	16	175	883	175	442	266	-	456	540	506
		10	366	383	140	278	400	200	16	175	883	175	442	266	-	456	540	506
		15	381	494	140	298	444	245	16	190	1066	190	568	309	-	456	552	512
	6	1.5	366	314	140	278	391	171	16	175	892	175	464	253	-	456	540	506
		2	366	352	140	278	391	171	16	175	892	175	464	253	-	456	540	506
		3	366	354	140	278	400	200	16	175	883	175	442	266	-	456	540	506
		5	366	383	140	278	400	200	16	175	883	175	442	266	-	456	540	506
030-110	4	10	386	383	140	278	400	200	16	175	888	175	465	248	-	456	540	506
		15	386	494	140	298	444	245	16	190	1071	190	574	308	-	456	552	512
		20	386	494	140	298	444	245	16	190	1071	190	574	308	-	456	552	512
	6	3	386	354	140	278	400	200	16	175	888	175	465	248	-	456	540	506
		5	386	383	140	278	400	200	16	175	888	175	465	248	-	456	540	506
		7.5	386	494	140	298	444	245	16	190	1071	190	574	308	-	456	552	512

Pump size	Pole	P2 [hp]	LP	AG	X	H3	H4	AB	D	A2	L1	L2	L3	L4	L5	B1	B2	B3
030-135	4	15	386	494	140	322	468	245	16	185	1129	185	601	343	-	456	566	516
		20	386	494	140	322	468	245	16	185	1129	185	601	343	-	456	566	516
		25	402	525	140	322	490	310	16	185	1129	185	601	343	-	456	566	516
		30	402	551	140	322	490	310	16	185	1129	185	601	343	-	456	566	516
		40	418	561	140	322	490	311	16	185	1129	185	601	343	-	456	566	516
	6	5	386	383	140	329	451	200	16	175	888	175	465	248	-	456	540	506
		7.5	386	494	140	322	468	245	16	185	1129	185	601	343	-	456	566	516
		10	386	494	140	322	468	245	16	185	1129	185	601	343	-	456	566	516
		15	402	525	140	322	490	310	16	185	1129	185	601	343	-	456	566	516
040-070	2	20	361	494	140	259	405	245	16	190	1097	190	568	339	-	396	480	446
		25	361	494	140	259	405	245	16	190	1097	190	568	339	-	396	480	446
		30	349	494	140	275	443	310	16	180	1005	180	512	313	-	396	492	452
		40	349	494	140	275	443	310	16	180	1005	180	512	313	-	396	492	452
		50	361	563	140	310	478	310	26	225	1171	225	566	380	-	424	600	514
	4	2	317	276	140	246	330	143	16	160	711	160	361	190	-	392	460	432
		3	346	314	140	246	359	171	16	160	862	160	453	249	-	392	460	432
		5	346	352	140	246	359	171	16	160	862	160	453	249	-	392	460	432
		7.5	346	354	140	246	367	200	16	160	862	160	453	249	-	392	460	432
	6	0.75	317	241	140	246	329	143	16	160	711	160	361	190	-	392	460	432
		1	317	276	140	246	330	143	16	160	711	160	361	190	-	392	460	432
		1.5	346	314	140	246	359	171	16	160	862	160	453	249	-	392	460	432
		2	346	352	140	246	359	171	16	160	862	160	453	249	-	392	460	432
040-095	2	60	436	551	140	309	501	336	26	200	1127	200	612	315	-	460	600	538
		75	436	567	140	396	588	319	26	295	1326	295	845	186	397	562	850	664
		100	436	617	140	396	588	319	26	295	1326	295	845	186	397	562	850	664
		125	436	752	140	386	599	417	26	275	1336	275	918	143	420	558	810	654
	4	7.5	378	354	140	304	425	200	16	175	879	175	452	252	-	456	540	506
		10	378	383	140	304	425	200	16	175	883	175	442	266	-	456	540	506
		15	393	494	140	304	450	245	16	175	1036	175	568	294	-	456	540	506
		20	393	494	140	304	450	245	16	175	1036	175	568	294	-	456	540	506
	6	2	378	352	140	304	416	171	16	175	892	175	464	253	-	456	540	506
		3	378	354	140	304	425	200	16	175	879	175	452	252	-	456	540	506
		5	378	383	140	304	425	200	16	175	883	175	442	266	-	456	540	506
		7.5	393	494	140	304	450	245	16	175	1036	175	568	294	-	456	540	506
040-110	4	15	399	494	140	304	450	245	16	175	1046	175	574	298	-	456	540	506
		20	399	494	140	304	450	245	16	175	1046	175	574	298	-	456	540	506
		25	415	525	140	334	502	310	16	205	1112	205	570	337	-	460	600	524
		30	415	551	140	334	502	310	16	205	1112	205	570	337	-	460	600	524
	6	3	399	354	140	304	425	200	16	175	888	175	465	248	-	456	540	506
		5	399	383	140	304	425	200	16	175	888	175	465	248	-	456	540	506
		7.5	399	494	140	304	450	245	16	175	1046	175	574	298	-	456	540	506
		10	399	494	140	304	450	245	16	175	1046	175	574	298	-	456	540	506
040-135	4	20	399	494	140	322	468	245	16	185	1129	185	601	343	-	456	566	516
		25	415	525	140	322	490	310	16	185	1129	185	601	343	-	456	566	516
		30	415	551	140	322	490	310	16	185	1129	185	601	343	-	456	566	516
		40	431	561	140	322	490	311	16	185	1129	185	601	343	-	456	566	516
		50	431	602	140	322	515	336	16	185	1129	185	601	343	-	456	566	516
	6	5	399	383	140	329	451	200	16	175	888	175	465	248	-	456	540	506
		7.5	399	494	140	322	468	245	16	185	1129	185	601	343	-	456	566	516
		10	399	494	140	322	468	245	16	185	1129	185	601	343	-	456	566	516
		15	415	525	140	322	490	310	16	185	1129	185	601	343	-	456	566	516

Pump size	Pole	P2 [hp]	LP	AG	X	H3	H4	AB	D	A2	L1	L2	L3	L4	L5	B1	B2	B3
050-070	2	25	361	494	140	308	454	245	16	205	1117	205	548	364	-	420	560	484
		30	349	494	140	308	477	310	16	205	1117	205	548	364	-	420	560	484
		40	349	494	140	308	477	310	16	205	1117	205	548	364	-	420	560	484
		50	361	563	140	310	479	310	26	225	1171	225	566	380	-	424	600	514
		60	361	551	140	310	503	336	26	225	1171	225	566	380	-	424	600	514
		75	361	567	140	395	588	319	26	295	1289	295	814	180	354	562	850	664
	4	3	346	314	140	308	421	171	16	205	947	205	438	304	-	420	560	484
		5	346	352	140	308	421	171	16	205	947	205	438	304	-	420	560	484
		7.5	346	354	140	308	430	200	16	205	947	205	438	304	-	420	560	484
		10	346	383	140	308	430	200	16	205	947	205	438	304	-	420	560	484
	6	0.75	317	241	140	308	392	143	16	205	796	205	361	230	-	420	560	484
		1	317	276	140	308	392	143	16	205	796	205	361	230	-	420	560	484
		1.5	346	314	140	308	421	171	16	205	947	205	438	304	-	420	560	484
		2	346	352	140	308	421	171	16	205	947	205	438	304	-	420	560	484
		3	346	354	140	308	430	200	16	205	947	205	438	304	-	420	560	484
050-095	4	10	404	383	140	322	444	200	16	170	918	170	490	258	-	452	520	492
		15	418	494	140	322	468	245	16	170	1076	170	600	306	-	452	520	492
		20	418	494	140	322	468	245	16	170	1076	170	600	306	-	452	520	492
		25	435	525	140	322	490	310	16	170	1076	170	600	306	-	452	520	492
		30	435	551	140	322	490	310	16	170	1076	170	600	306	-	452	520	492
	6	3	404	354	140	322	444	200	16	170	918	170	490	258	-	452	520	492
		5	404	383	140	322	444	200	16	170	918	170	490	258	-	452	520	492
		7.5	418	494	140	322	468	245	16	170	1076	170	600	306	-	452	520	492
		10	418	494	140	322	468	245	16	170	1076	170	600	306	-	452	520	492
050-110	4	20	399	494	180	322	468	245	16	185	1129	185	601	343	-	456	566	516
		25	415	525	180	322	490	310	16	185	1129	185	601	343	-	456	566	516
		30	415	551	180	322	490	310	16	185	1129	185	601	343	-	456	566	516
		40	431	561	180	322	490	311	16	185	1129	185	601	343	-	456	566	516
	6	5	399	383	180	329	451	200	16	175	888	175	465	248	-	456	540	506
		7.5	399	494	180	322	468	245	16	185	1129	185	601	343	-	456	566	516
		10	399	494	180	322	468	245	16	185	1129	185	601	343	-	456	566	516
		15	415	525	180	322	490	310	16	185	1129	185	601	343	-	456	566	516
050-135	4	25	413	525	180	409	578	310	26	275	1318	275	629	415	-	558	810	654
		30	413	551	180	409	578	310	26	275	1318	275	629	415	-	558	810	654
		40	445	561	180	409	578	311	26	275	1319	275	637	407	-	558	810	654
		50	445	602	180	409	602	336	26	275	1319	275	637	407	-	558	810	654
		60	445	637	180	434	627	335	26	275	1343	275	908	160	426	558	810	654
		75	445	714	180	434	648	355	26	275	1343	275	908	160	426	558	810	654
	6	10	438	494	180	409	555	245	26	300	1330	300	614	416	-	558	810	654
		15	413	525	180	409	578	310	26	275	1318	275	629	415	-	558	810	654
		20	413	551	180	409	578	310	26	275	1318	275	629	415	-	558	810	654
060-095	4	15	437	494	180	409	555	245	26	275	1190	275	561	354	-	558	810	654
		20	437	494	180	409	555	245	26	275	1190	275	561	354	-	558	810	654
		25	454	525	180	409	578	310	26	300	1330	300	614	416	-	558	810	654
		30	454	551	180	409	578	310	26	300	1330	300	614	416	-	558	810	654
		40	478	561	180	409	578	311	26	300	1330	300	614	416	-	558	810	654
	6	5	423	383	180	409	531	200	26	275	1212	275	576	361	-	558	810	654
		7.5	437	494	180	409	555	245	26	275	1190	275	561	354	-	558	810	654
		10	437	494	180	409	555	245	26	275	1190	275	561	354	-	558	810	654
		15	454	525	180	409	578	310	26	300	1330	300	614	416	-	558	810	654

Pump size	Pole	P2 [hp]	LP	AG	X	H3	H4	AB	D	A2	L1	L2	L3	L4	L5	B1	B2	B3
060-110	4	30	432	551	180	409	578	310	26	275	1318	275	629	415	-	558	810	654
		40	464	561	180	409	578	311	26	275	1319	275	637	407	-	558	810	654
		50	464	602	180	409	602	336	26	275	1319	275	637	407	-	558	810	654
		60	464	637	180	409	602	335	26	275	1368	275	908	185	426	558	810	654
	6	7.5	457	494	180	409	555	245	26	300	1330	300	614	416	-	558	810	654
		10	457	494	180	409	555	245	26	300	1330	300	614	416	-	558	810	654
		15	432	525	180	409	578	310	26	275	1318	275	629	415	-	558	810	654
		20	432	551	180	409	578	310	26	275	1318	275	629	415	-	558	810	654

NKE, dimensional drawings



NKE, center-line outlet, 4 mounting holes

Dimensions for NKE pumps (460 V)

For more dimensions, see Section *12.1 NK, center-line outlet*.

Dimensions in inch.

Pump size	Poles	P2 [hp]	Flanges							NKE dimensions [inch]								Base frame code [34]
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L [34]	
						125	300	125	300									
012-070	2	3	150/300	2.0	1.3	4x3/4	8x3/4	4x5/8	4x3/4	3.1	3.1	6.3	6.22	7.0	7.9	14.2	30.4/34.4	796/813
		5	150/300	2.0	1.3	4x3/4	8x3/4	4x5/8	4x3/4	3.1	3.1	6.3	7.91	7.0	7.9	15.8	32.9/36.8	796/813
		7.5	150/300	2.0	1.3	4x3/4	8x3/4	4x5/8	4x3/4	3.1	3.1	6.3	7.91	7.0	8.0	15.9	35.1/38.4	797/814
		7.5	150/300	2.0	1.3	4x3/4	8x3/4	4x5/8	4x3/4	3.1	3.1	6.3	7.91	7.0	8.0	15.9	35.1/38.4	797/814
		10	150/300	2.0	1.3	4x3/4	8x3/4	4x5/8	4x3/4	3.1	3.1	6.3	9.33	7.0	8.0	17.3	36.1/39.3	797/814
		15	150/300	2.0	1.3	4x3/4	8x3/4	4x5/8	4x3/4	3.1	3.1	6.9	9.33	7.0	9.0	18.3	36.6/40.2	799/816
		15	150/300	2.0	1.3	4x3/4	8x3/4	4x5/8	4x3/4	3.1	3.1	6.9	9.33	7.0	9.0	18.3	36.6/40.2	799/816
	4	1.5	150/300	2.0	1.3	4x3/4	8x3/4	4x5/8	4x3/4	3.1	3.1	5.7	6.22	7.0	7.9	14.2	30.4/34.4	795/812
		2	150/300	2.0	1.3	4x3/4	8x3/4	4x5/8	4x3/4	3.1	3.1	5.7	6.22	7.0	7.9	14.2	30.4/34.4	795/812
015-070	2	5	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	3.1	3.1	6.3	7.91	7.0	7.9	15.8	32.9/36.8	795/812
		7.5	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	3.1	3.1	6.3	7.91	7.0	8.0	15.9	36.2/39.4	797/814
		10	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	3.1	3.1	6.3	9.33	7.0	8.0	17.3	37.1/40.4	797/814
		15	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	3.1	3.1	6.9	9.33	7.0	9.0	18.3	38.0/40.8	800/817
	4	1.5	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	3.1	3.1	5.7	6.22	7.0	7.9	14.2	30.4/34.3	795/812
		2	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	3.1	3.1	5.7	6.22	7.0	7.9	14.2	30.4/34.3	795/812
		3	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	3.1	3.1	5.7	7.91	7.0	7.9	15.8	32.9/36.8	795/812
		5	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	3.1	3.1	5.7	7.91	7.0	7.9	15.8	32.9/36.8	795/812
015-090	2	15	300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	6.5	9.33	9.0	9.7	19.0	39.8/42.7	839/858
		20	300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	6.5	11.93	9.0	9.7	21.6	43.5/46.3	839/858
		25	300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	7.3	11.93	9.0	10.2	22.2	43.7/46.6	593/700
		30	300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	7.3	11.93	9.0	10.2	22.2	43.7/46.6	593/700
	4	1.5	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	5.9	6.22	9.0	9.7	15.9	32.4/36.3	803/820
		2	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	5.9	6.22	9.0	9.7	15.9	32.4/36.3	803/820
		3	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	5.9	7.91	9.0	9.7	17.6	34.8/38.7	803/820
		5	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	5.9	7.91	9.0	9.7	17.6	34.8/38.7	803/820
		7.5	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	5.9	9.33	9.0	9.7	19.0	38.0/41.2	804/821
		10	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	5.9	9.33	9.0	9.7	19.0	38.0/41.2	804/821
015-095	2	15	300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	6.5	9.33	9.0	9.7	19.0	39.8/42.7	839/858
		20	300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	6.5	11.93	9.0	9.7	21.6	43.5/46.3	839/858
		25	300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	7.3	11.93	9.0	10.2	22.2	43.7/46.6	593/700
		30	300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	7.3	11.93	9.0	10.2	22.2	43.7/46.6	593/700
	4	2	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	5.9	6.22	9.0	9.7	15.9	32.4/36.3	803/820
		3	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	5.9	7.91	9.0	9.7	17.6	34.8/38.7	803/820
		5	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	5.9	7.91	9.0	9.7	17.6	34.8/38.7	803/820
		7.5	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	5.9	9.33	9.0	9.7	19.0	38.0/41.2	804/821
		10	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	5.9	9.33	9.0	9.7	19.0	38.0/41.2	804/821
020-095	2	15	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	6.5	9.33	9.0	9.7	19.0	39.8/42.7	839/858
		20	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	6.5	11.93	9.0	9.7	21.6	43.5/46.3	839/858
		25	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	7.3	11.93	9.0	10.2	22.2	43.7/46.8	593/703
		30	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	7.3	11.93	9.0	10.2	22.2	43.7/46.8	593/703
	4	2	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	5.9	6.22	9.0	9.7	15.9	32.4/36.3	803/820
		3	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	5.9	7.91	9.0	9.7	17.6	34.8/38.7	803/820
		5	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	5.9	7.91	9.0	9.7	17.6	34.8/38.7	803/820
		7.5	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	5.9	9.33	9.0	9.7	19.0	38.0/41.2	804/821
		10	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	5.9	9.33	9.0	9.7	19.0	38.0/41.2	804/821

Pump size	Poles	P2 [hp]	Flanges							NKE dimensions [inch]								Base frame code [34]
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L [34]	
						125	300	125	300									
020-110	4	5	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	5.9	7.91	9.0	9.7	17.6	34.8/38.7	803/820
		7.5	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	5.9	9.33	9.0	9.7	19.0	38.0/41.2	804/821
		10	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	5.9	9.33	9.0	9.7	19.0	38.0/41.2	804/821
		15	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	5.9	11.93	9.0	9.7	21.6	42.5/45.3	840/859
		20	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	5.9	11.93	9.0	9.7	21.6	42.5/45.3	840/859
020-135	4	7.5	150/300	3.2	2.0	4x3/4	8x7/8	4x3/4	8x3/4	5.0	5.0	6.5	9.33	11.0	12.0	21.3	43.0/47.8	832/851
		10	150/300	3.2	2.0	4x3/4	8x7/8	4x3/4	8x3/4	5.0	5.0	6.5	9.33	11.0	12.0	21.3	43.0/47.8	832/851
		15	150/300	3.2	2.0	4x3/4	8x7/8	4x3/4	8x3/4	5.0	5.0	6.5	11.93	11.0	12.0	23.9	47.3/51.9	845/865
		20	150/300	3.2	2.0	4x3/4	8x7/8	4x3/4	8x3/4	5.0	5.0	6.5	11.93	11.0	12.0	23.9	48.5/53.0	845/865
		25	150/300	3.2	2.0	4x3/4	8x7/8	4x3/4	8x3/4	5.0	5.0	6.5	11.93	11.0	12.0	23.9	51.9/56.4	866/867
		30	150/300	3.2	2.0	4x3/4	8x7/8	4x3/4	8x3/4	5.0	5.0	6.5	11.93	11.0	12.0	23.9	51.9/56.4	866/867
025-070	2	5	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.7	7.91	8.0	9.6	17.5	33.7/37.7	798/815
		7.5	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.7	7.91	8.0	9.6	17.5	37.1/41.2	801/818
		10	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.7	9.33	8.0	9.6	18.9	38.0/42.1	801/818
		15	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.7	9.33	8.0	9.7	19.0	38.9/42.0	802/819
		20	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.7	11.93	8.0	9.7	21.6	42.5/45.7	802/819
		25	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.5	11.93	8.0	10.4	22.4	42.8/46.5	587/694
		30	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.5	11.93	8.0	10.4	22.4	42.8/46.5	587/694
	4	1.5	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.1	6.22	8.0	9.6	15.8	31.3/35.2	798/815
		2	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.1	6.22	8.0	9.6	15.8	31.3/35.2	798/815
		3	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.1	7.91	8.0	9.6	17.5	33.7/37.7	798/815
		5	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.1	7.91	8.0	9.6	17.5	33.7/37.7	798/815
025-095	2	25	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	8.9	11.93	10.0	12.5	24.5	48.4/51.2	624/733
		30	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	8.9	11.93	10.0	12.5	24.5	48.4/51.2	624/733
	4	3	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	6.9	7.91	10.0	11.0	18.9	34.8/38.7	810/827
		5	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	6.9	7.91	10.0	11.0	18.9	34.8/38.7	810/827
		7.5	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	6.9	9.33	10.0	11.0	20.3	38.0/41.2	811/828
		10	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	6.9	9.33	10.0	11.0	20.3	38.0/41.2	811/828
025-110	4	7.5	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	8.1	9.33	11.0	12.1	21.5	43.0/47.8	830/849
		10	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	8.1	9.33	11.0	12.1	21.5	43.0/47.8	830/849
		15	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	8.1	11.93	11.0	12.1	24.1	47.3/51.9	841/860
		20	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	8.1	11.93	11.0	12.1	24.1	47.3/51.9	841/860
030-070	2	7.5	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.7	7.91	9.0	9.7	17.5	37.1/40.3	801/818
		10	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.7	9.33	9.0	9.7	18.9	38.0/41.2	801/818
		15	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.7	9.33	9.0	9.7	19.0	38.8/42.0	802/819
		20	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.7	11.93	9.0	9.7	21.6	42.5/45.7	802/819
		25	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.5	11.93	9.0	10.4	22.4	42.7/45.7	587/694
		30	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.5	11.93	9.0	10.4	22.4	42.7/45.7	587/694
	4	1.5	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.1	6.22	9.0	9.6	15.8	31.3/35.2	798/815
		2	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.1	6.22	9.0	9.6	15.8	31.3/35.2	798/815
		3	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.1	7.91	9.0	9.6	17.5	33.7/37.7	798/815
		5	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.1	7.91	9.0	9.6	17.5	33.7/37.7	798/815
030-095	4	5	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	6.9	7.91	11.0	11.0	18.9	36.6/41.8	807/824
		7.5	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	6.9	9.33	11.0	11.0	20.3	39.8/44.6	808/825
		10	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	6.9	9.33	11.0	11.0	20.3	39.8/44.6	808/825
		15	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.5	11.93	11.0	11.7	23.7	44.3/48.6	835/854
		20	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.5	11.93	11.0	11.7	23.7	44.3/48.6	835/854
030-110	4	10	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	6.9	9.33	12.5	11.0	20.3	43.0/47.8	831/850
		15	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.5	11.93	12.5	11.7	23.7	47.5/51.9	842/861
		20	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.5	11.93	12.5	11.7	23.7	48.7/53.0	842/861

Pump size	Poles	P2 [hp]	Flanges							NKE dimensions [inch]								Base frame code [34]
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L [34]	
						125	300	125	300									
030-135	4	15	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.3	11.93	12.5	12.7	24.6	47.5/51.9	844/863
		20	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.3	11.93	12.5	12.7	24.6	47.5/51.9	844/863
		25	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.3	11.93	12.5	12.7	24.6	50.5/56.2	844/748
		30	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.3	11.93	12.5	12.7	24.6	50.5/56.2	844/748
040-070	2	15	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	7.5	9.33	10.0	10.2	19.5	40.8/45.2	833/852
		20	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	7.5	11.93	10.0	10.2	22.1	44.5/48.8	833/852
		25	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	7.1	11.93	10.0	10.8	22.8	44.7/49.1	598/707
		30	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	7.1	11.93	10.0	10.8	22.8	44.7/49.1	598/707
	4	1.5	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	6.3	6.22	10.0	9.7	15.9	33.4/38.4	805/822
		2	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	6.3	6.22	10.0	9.7	15.9	33.4/38.4	805/822
		3	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	6.3	7.91	10.0	9.7	17.6	35.8/40.8	805/822
		5	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	6.3	7.91	10.0	9.7	17.6	35.8/40.8	805/822
		7.5	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	6.3	9.33	10.0	9.7	19.0	39.0/43.3	805/822
		10	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	6.3	9.33	10.0	9.7	19.0	39.0/43.3	805/822
040-095	4	7.5	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	9.33	11.0	12.0	21.3	39.9/45.1	829/848
		10	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	9.33	11.0	12.0	21.3	39.9/45.1	829/848
		15	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	11.93	11.0	12.0	23.9	44.8/49.1	836/855
		20	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	11.93	11.0	12.0	23.9	44.8/49.1	836/855
040-110	4	15	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	11.93	12.5	12.0	23.9	48.0/52.7	843/862
		20	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	11.93	12.5	12.0	23.9	48.0/52.7	843/862
		25	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	8.1	11.93	12.5	13.1	23.5	51.2/57.0	633/742
		30	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	8.1	11.93	12.5	13.1	23.5	51.2/57.0	633/742
040-135	4	15	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	8.1	11.93	12.5	13.1	24.6	48.0/52.7	844/864
		20	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	7.3	11.93	12.5	12.7	24.6	48.0/52.7	844/864
		25	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	7.3	11.93	12.5	12.7	24.6	51.0/56.7	844/748
		30	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	7.3	11.93	12.5	12.7	24.6	51.0/56.7	844/748
050-070	2	15	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	9.33	11.0	12.1	21.5	39.8/44.2	834/853
		20	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	11.93	11.0	12.1	24.1	43.5/47.8	834/853
		25	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	11.93	11.0	12.1	24.1	43.7/48.1	834/853
		30	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	11.93	11.0	12.1	24.1	43.7/48.1	834/853
	4	3	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	7.91	11.0	12.1	20.1	35.8/40.8	806/823
		5	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	7.91	11.0	12.1	20.1	35.8/40.8	806/823
		7.5	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	9.33	11.0	12.1	21.5	39.0/43.3	806/823
		10	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	9.33	11.0	12.1	21.5	39.0/43.3	806/823
050-095	4	10	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	6.7	9.33	14.0	12.7	22.0	41.6/46.4	809/826
		15	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	6.7	11.93	14.0	12.7	24.6	46.1/50.8	837/856
		20	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	6.7	11.93	14.0	12.7	24.6	46.1/50.8	837/856
		25	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	6.7	11.93	14.0	12.7	24.6	48.8/55.0	837/856
		30	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	6.7	11.93	14.0	12.7	24.6	48.8/55.0	837/856
050-110	4	15	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	7.3	11.93	14.0	12.7	24.6	48.0/53.5	844/863
		20	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	7.3	11.93	14.0	12.7	24.6	48.0/53.5	844/863
		25	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	7.3	11.93	14.0	12.7	24.6	51.0/56.7	844/748
		30	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	7.3	11.93	14.0	12.7	24.6	51.0/56.7	844/748
060-095	4	15	150/300	7.9	5.9	8x7/8	12x1	8x7/8	12x7/8	6.3	6.3	10.8	11.93	14.8	16.1	24.6	46.1/50.8	837/856
		20	150/300	7.9	5.9	8x7/8	12x1	8x7/8	12x7/8	6.3	6.3	10.8	11.93	14.8	16.1	24.6	46.1/50.8	837/856
		25	150/300	7.9	5.9	8x7/8	12x1	8x7/8	12x7/8	6.3	6.3	11.8	11.93	14.8	16.1	24.6	48.8/55.0	837/856
		30	150/300	7.9	5.9	8x7/8	12x1	8x7/8	12x7/8	6.3	6.3	11.8	11.93	14.8	16.1	24.6	48.8/55.0	837/856
060-110	4	25	150/300	7.9	5.9	8x7/8	12x1	8x7/8	12x7/8	6.3	6.3	10.8	11.93	14.8	16.1	28.1	53.9/59.7	647/759
		30	150/300	7.9	5.9	8x7/8	12x1	8x7/8	12x7/8	6.3	6.3	10.8	11.93	14.8	16.1	28.1	53.9/59.7	647/759

[34] Pump with standard coupling/pump with spacer coupling

Dimensions in mm.

Pump size	Poles	P2 [hp]	Flanges							NKE dimensions [inch]								Base frame code [35]
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L [35]	
						150	300	150	300									
012-070	2	3	150/300	50	32	4x19	8x19	4x16	4x19	80	80	160	158	178	201	359	772/872	796/813
		5	150/300	50	32	4x19	8x19	4x16	4x19	80	80	160	201	178	201	402	834/934	796/813
		7.5	150/300	50	32	4x19	8x19	4x16	4x19	80	80	160	201	178	203	404	892/974	797/814
		7.5	150/300	50	32	4x19	8x19	4x16	4x19	80	80	160	201	178	203	404	892/974	797/814
		10	150/300	50	32	4x19	8x19	4x16	4x19	80	80	160	237	178	203	440	916/998	797/814
		15	150/300	50	32	4x19	8x19	4x16	4x19	80	80	175	237	178	228	465	929/1020	799/816
		15	150/300	50	32	4x19	8x19	4x16	4x19	80	80	175	237	178	228	465	929/1020	799/816
	4	1.5	150/300	50	32	4x19	8x19	4x16	4x19	80	80	145	158	178	201	359	772/872	795/812
		2	150/300	50	32	4x19	8x19	4x16	4x19	80	80	145	158	178	201	359	772/872	795/812
015-070	2	5	150/300	65	40	4x19	8x22.3	4x16	4x22.3	80	80	160	201	178	201	402	834/934	795/812
		7.5	150/300	65	40	4x19	8x22.3	4x16	4x22.3	80	80	160	201	178	203	404	919/1001	797/814
		10	150/300	65	40	4x19	8x22.3	4x16	4x22.3	80	80	160	237	178	203	440	943/1025	797/814
		15	150/300	65	40	4x19	8x22.3	4x16	4x22.3	80	80	175	237	178	228	465	964/1036	800/817
	4	1.5	150/300	65	40	4x19	8x22.3	4x16	4x22.3	80	80	145	158	178	201	359	772/872	795/812
		2	150/300	65	40	4x19	8x22.3	4x16	4x22.3	80	80	145	158	178	201	359	772/872	795/812
		3	150/300	65	40	4x19	8x22.3	4x16	4x22.3	80	80	145	201	178	201	402	834/934	795/812
		5	150/300	65	40	4x19	8x22.3	4x16	4x22.3	80	80	145	201	178	201	402	834/934	795/812
015-090	2	15	300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	165	237	229	246	483	1012/1084	839/858
		20	300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	165	303	229	246	549	1105/1177	839/858
		25	300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	185	303	229	260	563	1110/1183	593/700
		30	300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	185	303	229	260	563	1110/1183	593/700
	4	1.5	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	150	158	229	246	404	822/922	803/820
		2	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	150	158	229	246	404	822/922	803/820
		3	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	150	201	229	246	447	884/983	803/820
		5	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	150	201	229	246	447	884/983	803/820
		7.5	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	150	237	229	246	483	966/1047	804/821
		10	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	150	237	229	246	483	966/1047	804/821
015-095	2	15	300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	165	237	229	246	483	1012/1084	839/858
		20	300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	165	303	229	246	549	1105/1177	839/858
		25	300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	185	303	229	260	563	1110/1183	593/700
		30	300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	185	303	229	260	563	1110/1183	593/700
	4	2	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	150	158	229	246	404	822/922	803/820
		3	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	150	201	229	246	447	884/983	803/820
		5	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	150	201	229	246	447	884/983	803/820
		7.5	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	150	237	229	246	483	966/1047	804/821
		10	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	150	237	229	246	483	966/1047	804/821
020-095	2	15	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	165	237	229	246	483	1012/1084	839/858
		20	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	165	303	229	246	549	1105/1177	839/858
		25	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	185	303	229	260	563	1110/1189	593/703
		30	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	185	303	229	260	563	1110/1189	593/703
	4	2	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	150	158	229	246	404	822/922	803/820
		3	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	150	201	229	246	447	884/983	803/820
		5	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	150	201	229	246	447	884/983	803/820
		7.5	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	150	237	229	246	483	966/1047	804/821
		10	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	150	237	229	246	483	966/1047	804/821
020-110	4	5	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	150	201	229	246	447	884/983	803/820
		7.5	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	150	237	229	246	483	966/1047	804/821
		10	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	150	237	229	246	483	966/1047	804/821
		15	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	150	303	229	246	549	1080/1152	840/859
		20	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	150	303	229	246	549	1080/1152	840/859

Pump size	Poles	P2 [hp]	Flanges							NKE dimensions [inch]								Base frame code [35]
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L [35]	
						150	300	150	300									
020-135	4	7.5	150/300	80	50	4x19	8x22.3	4x19	8x19	127	127	165	237	279	304	541	1093/1215	832/851
		10	150/300	80	50	4x19	8x22.3	4x19	8x19	127	127	165	237	279	304	541	1093/1215	832/851
		15	150/300	80	50	4x19	8x22.3	4x19	8x19	127	127	165	303	279	304	607	1202/1317	845/865
		20	150/300	80	50	4x19	8x22.3	4x19	8x19	127	127	165	303	279	304	607	1232/1347	845/865
		25	150/300	80	50	4x19	8x22.3	4x19	8x19	127	127	165	303	279	304	607	1317/1432	866/867
		30	150/300	80	50	4x19	8x22.3	4x19	8x19	127	127	165	303	279	304	607	1317/1432	866/867
025-070	2	5	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	195	201	203	244	445	857/957	798/815
		7.5	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	195	201	203	244	445	942/1046	801/818
		10	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	195	237	203	244	481	966/1070	801/818
		15	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	195	237	203	246	483	987/1067	802/819
		20	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	195	303	203	246	549	1080/1160	802/819
		25	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	190	303	203	265	568	1086/1180	587/694
		30	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	190	303	203	265	568	1086/1180	587/694
	4	1.5	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	180	158	203	244	402	795/895	798/815
		2	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	180	158	203	244	402	795/895	798/815
		3	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	180	201	203	244	445	857/957	798/815
		5	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	180	201	203	244	445	857/957	798/815
025-095	2	25	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	225	303	254	318	621	1228/1300	624/733
		30	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	225	303	254	318	621	1228/1300	624/733
	4	3	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	175	201	254	278	479	884/983	810/827
		5	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	175	201	254	278	479	884/983	810/827
		7.5	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	175	237	254	278	515	966/1047	811/828
		10	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	175	237	254	278	515	966/1047	811/828
025-110	4	7.5	150/300	80	65	4x19	8x22.3	4x19	8x22.3	127	127	205	237	279	308	545	1093/1215	830/849
		10	150/300	80	65	4x19	8x22.3	4x19	8x22.3	127	127	205	237	279	308	545	1093/1215	830/849
		15	150/300	80	65	4x19	8x22.3	4x19	8x22.3	127	127	205	303	279	308	611	1202/1317	841/860
		20	150/300	80	65	4x19	8x22.3	4x19	8x22.3	127	127	205	303	279	308	611	1202/1317	841/860
030-070	2	7.5	150/300	100	80	8x19	8x22.3	4x19	8x22.3	102	102	195	201	229	246	445	942/1024	801/818
		10	150/300	100	80	8x19	8x22.3	4x19	8x22.3	102	102	195	237	229	246	481	966/1047	801/818
		15	150/300	100	80	8x19	8x22.3	4x19	8x22.3	102	102	195	237	229	246	483	987/1067	802/819
		20	150/300	100	80	8x19	8x22.3	4x19	8x22.3	102	102	195	303	229	246	549	1080/1160	802/819
		25	150/300	100	80	8x19	8x22.3	4x19	8x22.3	102	102	190	303	229	265	568	1086/1160	587/694
		30	150/300	100	80	8x19	8x22.3	4x19	8x22.3	102	102	190	303	229	265	568	1086/1160	587/694
	4	1.5	150/300	100	80	8x19	8x22.3	4x19	8x22.3	102	102	180	158	229	244	402	795/895	798/815
		2	150/300	100	80	8x19	8x22.3	4x19	8x22.3	102	102	180	158	229	244	402	795/895	798/815
		3	150/300	100	80	8x19	8x22.3	4x19	8x22.3	102	102	180	201	229	244	445	856/957	798/815
		5	150/300	100	80	8x19	8x22.3	4x19	8x22.3	102	102	180	201	229	244	445	856/957	798/815
030-095	4	5	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	175	201	279	278	479	929/1062	807/824
		7.5	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	175	237	279	278	515	1011/1133	808/825
		10	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	175	237	279	278	515	1011/1133	808/825
		15	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	190	303	279	298	601	1125/1235	835/854
		20	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	190	303	279	298	601	1125/1235	835/854
030-110	4	10	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	175	237	318	278	515	1093/1215	831/850
		15	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	190	303	318	298	601	1207/1317	842/861
		20	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	190	303	318	298	601	1237/1347	842/861
030-135	4	15	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	185	303	318	322	625	1207/1317	844/863
		20	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	185	303	318	322	625	1207/1317	844/863
		25	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	185	303	318	322	625	1282/1427	844/748
		30	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	185	303	318	322	625	1282/1427	844/748

Pump size	Poles	P2 [hp]	Flanges							NKE dimensions [inch]								Base frame code [35]
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L [35]	
						150	300	150	300									
040-070	2	15	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	190	237	254	259	496	1037/1147	833/852
		20	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	190	303	254	259	562	1130/1240	833/852
		25	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	180	303	254	275	578	1136/1246	598/707
		30	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	180	303	254	275	578	1136/1246	598/707
	4	1.5	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	160	158	254	246	404	847/974	805/822
		2	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	160	158	254	246	404	847/974	805/822
		3	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	160	201	254	246	447	909/1036	805/822
		5	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	160	201	254	246	447	909/1036	805/822
		7.5	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	160	237	254	246	483	991/1100	805/822
		10	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	160	237	254	246	483	991/1100	805/822
040-095	4	7.5	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	237	279	304	541	1013/1146	829/848
		10	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	237	279	304	541	1013/1146	829/848
		15	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	303	279	304	607	1138/1248	836/855
		20	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	303	279	304	607	1138/1248	836/855
040-110	4	15	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	303	318	304	607	1220/1340	843/862
		20	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	303	318	304	607	1220/1340	843/862
		25	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	205	303	318	334	598	1300/1447	633/742
		30	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	205	303	318	334	598	1300/1447	633/742
040-135	4	15	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	205	303	318	334	625	1220/1340	844/864
		20	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	185	303	318	322	625	1220/1340	844/864
		25	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	185	303	318	322	625	1295/1440	844/748
		30	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	185	303	318	322	625	1295/1440	844/748
050-070	2	15	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	237	279	308	545	1012/1122	834/853
		20	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	303	279	308	611	1105/1215	834/853
		25	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	303	279	308	611	1111/1221	834/853
		30	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	303	279	308	611	1111/1221	834/853
	4	3	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	201	279	308	509	909/1036	806/823
		5	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	201	279	308	509	909/1036	806/823
		7.5	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	237	279	308	545	991/1100	806/823
		10	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	237	279	308	545	991/1100	806/823
050-095	4	10	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	170	237	356	322	559	1056/1178	809/826
		15	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	170	303	356	322	625	1170/1290	837/856
		20	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	170	303	356	322	625	1170/1290	837/856
		25	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	170	303	356	322	625	1239/1397	837/856
		30	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	170	303	356	322	625	1239/1397	837/856
050-110	4	15	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	185	303	356	322	625	1220/1358	844/863
		20	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	185	303	356	322	625	1220/1358	844/863
		25	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	185	303	356	322	625	1295/1440	844/748
		30	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	185	303	356	322	625	1295/1440	844/748
060-095	4	15	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	303	375	409	625	1170/1290	837/856
		20	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	303	375	409	625	1170/1290	837/856
		25	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	300	303	375	409	625	1239/1397	837/856
		30	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	300	303	375	409	625	1239/1397	837/856
060-110	4	25	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	303	375	409	712	1369/1516	647/759
		30	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	303	375	409	712	1369/1516	647/759

35) Pump with standard coupling/pump with spacer coupling

Dimensions for NKE pumps (230 V)

For more dimensions, see Section *12.1 NK, center-line outlet*.

Dimensions in inch.

Pump size	Poles	P2 [hp]	Flanges							NKE dimensions [inch]								Base frame code [36]
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L [36]	
						150	300	150	300									
012-070	2	3	150/300	2.0	1.3	4x3/4	8x3/4	4x5/8	4x3/4	3.1	3.1	6.3	7.9	7.0	7.9	15.8	32.9/36.8	796/813
		5	150/300	2.0	1.3	4x3/4	8x3/4	4x5/8	4x3/4	3.1	3.1	6.3	7.9	7.0	7.9	15.8	32.9/36.8	796/813
		7.5	150/300	2.0	1.3	4x3/4	8x3/4	4x5/8	4x3/4	3.1	3.1	6.3	9.3	7.0	8.0	17.3	36.1/39.3	797/814
		10	150/300	2.0	1.3	4x3/4	8x3/4	4x5/8	4x3/4	3.1	3.1	6.3	11.9	7.0	8.0	20.9	40.3/43.8	797/814
		15	150/300	2.0	1.3	4x3/4	8x3/4	4x5/8	4x3/4	3.1	3.1	6.9	11.9	7.0	9.0	20.9	40.3/43.8	799/816
015-070	2	5	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	3.1	3.1	6.3	7.9	7.0	7.9	15.8	33.9/37.9	795/812
		7.5	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	3.1	3.1	6.3	9.3	7.0	8.0	17.3	37.1/40.4	797/814
		10	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	3.1	3.1	6.3	11.9	7.0	8.0	20.9	41.6/44.5	797/814
		15	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	3.1	3.1	6.9	11.9	7.0	9.0	20.9	41.6/44.5	800/817
025-070	2	5	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.7	7.9	8.0	9.6	17.5	34.8/39.3	798/815
		7.5	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.7	9.3	8.0	9.6	18.9	38.0/42.1	801/818
		10	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.7	11.9	8.0	9.6	21.6	42.5/45.7	801/818
		15	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.7	11.9	8.0	9.7	21.6	42.5/45.7	802/819
030-070	2	7.5	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.7	9.3	9.0	9.7	18.9	38.0/41.2	801/818
		10	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.7	11.9	9.0	9.7	21.6	42.5/45.7	801/818
		15	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.7	11.9	9.0	9.7	21.6	42.5/45.7	802/819

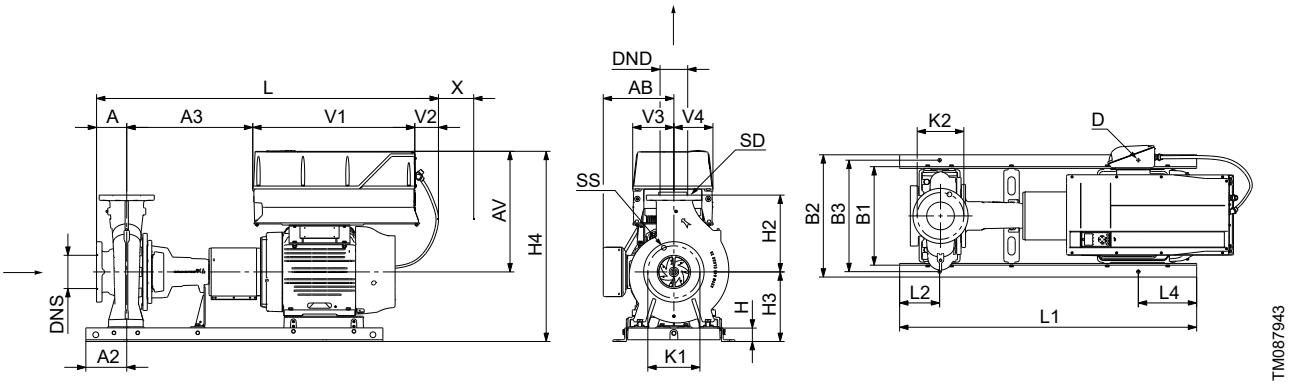
[36] Pump with standard coupling/pump with spacer coupling

Dimensions in mm.

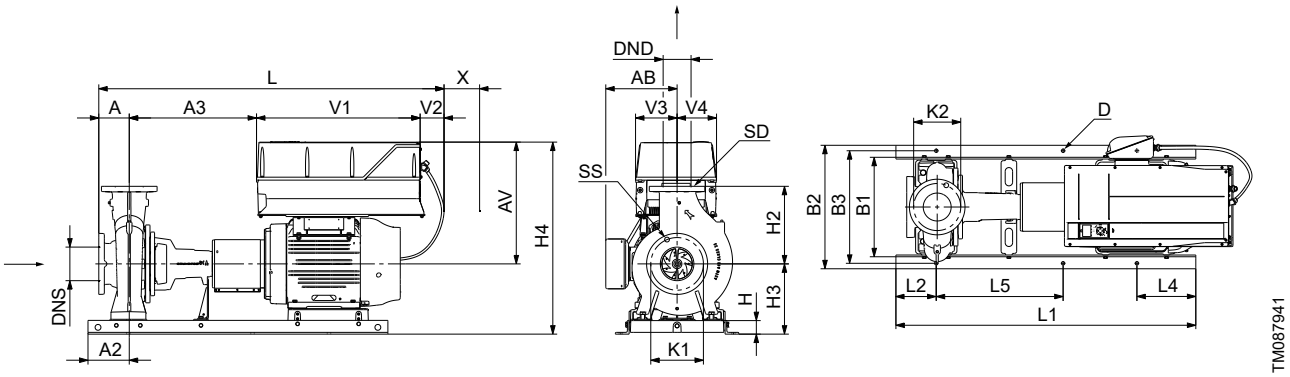
Pump size	Poles	P2 [hp]	Flanges							NKE dimensions [inch]								Base frame code [37]
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L [37]	
						150	300	150	300									
012-070	2	3	150/300	50	32	4x19	8x19	4x16	4x19	80	80	160	201	178	201	402	834/934	796/813
		5	150/300	50	32	4x19	8x19	4x16	4x19	80	80	160	201	178	201	402	834/934	796/813
		7.5	150/300	50	32	4x19	8x19	4x16	4x19	80	80	160	237	178	203	440	916/998	797/814
		10	150/300	50	32	4x19	8x19	4x16	4x19	80	80	160	303	178	203	531	1022/1113	797/814
		15	150/300	50	32	4x19	8x19	4x16	4x19	80	80	175	303	178	228	531	1022/1113	799/816
015-070	2	5	150/300	65	40	4x19	8x22.3	4x16	4x22.3	80	80	160	201	178	201	402	861/961	795/812
		7.5	150/300	65	40	4x19	8x22.3	4x16	4x22.3	80	80	160	237	178	203	440	943/1025	797/814
		10	150/300	65	40	4x19	8x22.3	4x16	4x22.3	80	80	160	303	178	203	531	1057/1129	797/814
		15	150/300	65	40	4x19	8x22.3	4x16	4x22.3	80	80	175	303	178	228	531	1057/1129	800/817
025-070	2	5	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	195	201	203	244	445	884/999	798/815
		7.5	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	195	237	203	244	481	966/1070	801/818
		10	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	195	303	203	244	549	1080/1160	801/818
		15	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	195	303	203	246	549	1080/1160	802/819
030-070	2	7.5	150/300	100	80	8x19	8x22.3	4x19	8x22.3	102	102	195	237	229	246	481	966/1047	801/818
		10	150/300	100	80	8x19	8x22.3	4x19	8x22.3	102	102	195	303	229	246	549	1080/1160	801/818
		15	150/300	100	80	8x19	8x22.3	4x19	8x22.3	102	102	195	303	229	246	549	1080/1160	802/819

[37] Pump with standard coupling/pump with spacer coupling

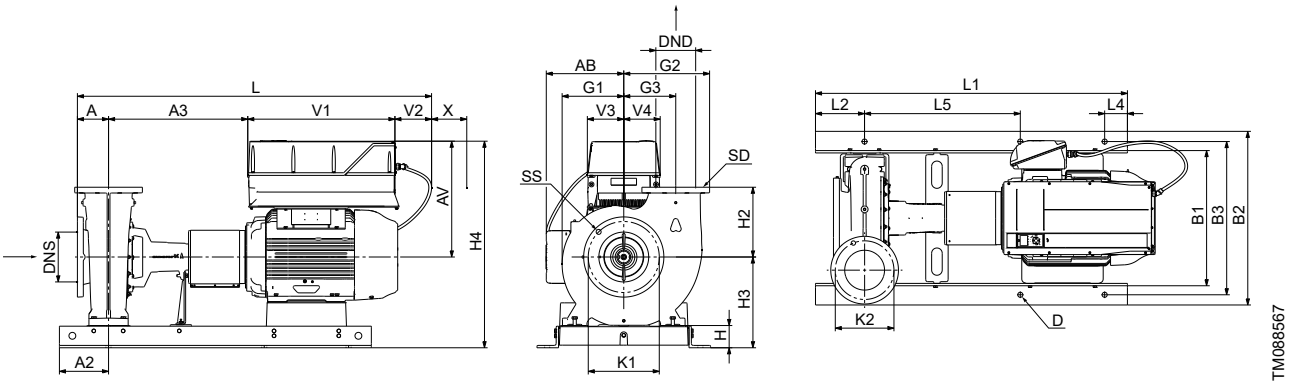
Dimensional drawings, NKE with integrated CUE



NKE, center-line outlet, 4 mounting holes



NKE, center-line outlet, 6 mounting holes



NKE, tangential outlet, 6 mounting holes

Dimension for NKE pumps with WEG motors and CUE (200 V)

For more dimensions, see Section *12.1 NK, center-line outlet*.

Dimensions in inch.

Pump size	Poles	P2 [hp]	SS	SD	L	V1	V2	V3	V4	AV	A3	A	A1	A2	AB	H2	H3	H4
012-070	2	3	4x3/4	4x5/8	32.9	16.5	7.9	4.9	4.9	14.1	5.3	3.1	3.1	6.3	7.5	7.0	7.9	22.0
		5	4x3/4	4x5/8	32.9	18.9	7.9	5.4	5.4	16.3	3.0	3.1	3.1	6.3	7.5	7.0	7.9	24.3
		7.5	4x3/4	4x5/8	36.8	18.9	7.9	5.4	5.4	15.9	6.9	3.1	3.1	6.3	8.3	7.0	8.0	24.0
		10	4x3/4	4x5/8	36.8	18.9	7.9	5.4	5.4	15.9	6.9	3.1	3.1	6.3	8.3	7.0	8.0	24.0
		15	4x3/4	4x5/8	41.6	25.6	7.9	6.3	6.3	17.8	5.0	3.1	3.1	6.9	10.7	7.0	9.0	26.7
		20	4x3/4	4x5/8	43.4	27.0	7.9	7.2	7.2	19.7	5.4	3.1	3.1	6.9	10.7	7.0	9.0	28.7
	4	1.5	4x3/4	4x5/8	29.8	16.5	7.9	4.9	4.9	13.2	2.3	3.1	3.1	5.7	5.8	7.0	7.9	21.1
		2	4x3/4	4x5/8	29.8	16.5	7.9	4.9	4.9	13.2	2.3	3.1	3.1	5.7	5.8	7.0	7.9	21.1
015-070	2	5	4x3/4	4x5/8	33.9	18.9	7.9	5.4	5.4	16.3	4.0	3.1	3.1	6.3	7.5	7.0	7.9	24.3
		7.5	4x3/4	4x5/8	37.8	18.9	7.9	5.4	5.4	15.9	7.9	3.1	3.1	6.3	8.3	7.0	8.0	24.0
		10	4x3/4	4x5/8	37.8	18.9	7.9	5.4	5.4	15.9	7.9	3.1	3.1	6.3	8.3	7.0	8.0	24.0
		15	4x3/4	4x5/8	43.0	25.6	7.9	6.3	6.3	17.8	6.4	3.1	3.1	6.9	10.7	7.0	9.0	26.7
		20	4x3/4	4x5/8	44.7	27.0	7.9	7.2	7.2	19.7	6.8	3.1	3.1	6.9	10.7	7.0	9.0	28.7
	4	1.5	4x3/4	4x5/8	29.8	16.5	7.9	4.9	4.9	13.2	2.3	3.1	3.1	5.7	5.8	7.0	7.9	21.1
		2	4x3/4	4x5/8	29.8	16.5	7.9	4.9	4.9	13.2	2.3	3.1	3.1	5.7	5.8	7.0	7.9	21.1
		3	4x3/4	4x5/8	32.9	16.5	7.9	4.9	4.9	14.1	5.3	3.1	3.1	5.7	7.5	7.0	7.9	22.0
		5	4x3/4	4x5/8	32.9	18.9	7.9	5.4	5.4	16.3	3.0	3.1	3.1	5.7	7.5	7.0	7.9	24.3
015-090	2	15	4x3/4	4x5/8	44.9	25.6	7.9	6.3	6.3	17.8	7.4	4.0	4.0	6.5	10.7	9.0	9.7	27.4
		20	4x3/4	4x5/8	46.6	27.0	7.9	7.2	7.2	19.7	7.8	4.0	4.0	6.5	10.7	9.0	9.7	29.4
		25	4x3/4	4x5/8	46.3	27.0	7.9	7.2	7.2	20.3	7.4	4.0	4.0	7.3	11.3	9.0	10.2	30.5
		30	4x3/4	4x5/8	46.3	27.0	7.9	7.2	7.2	20.3	7.4	4.0	4.0	7.3	11.3	9.0	10.2	30.5
		40	4x3/4	4x5/8	49.3	30.2	7.9	7.3	7.3	21.9	7.2	4.0	4.0	8.1	12.9	9.0	11.8	33.7
		50	4x3/4	4x5/8	49.3	30.2	7.9	7.3	7.3	21.9	7.2	4.0	4.0	8.1	12.9	9.0	11.8	33.7
	4	1.5	4x3/4	4x5/8	32.4	16.5	7.9	4.9	4.9	13.2	4.0	4.0	4.0	5.9	5.8	9.0	9.7	22.9
		2	4x3/4	4x5/8	32.4	16.5	7.9	4.9	4.9	13.2	4.0	4.0	4.0	5.9	5.8	9.0	9.7	22.9
		3	4x3/4	4x5/8	34.8	16.5	7.9	4.9	4.9	14.1	6.4	4.0	4.0	5.9	7.5	9.0	9.7	23.7
		5	4x3/4	4x5/8	34.8	18.9	7.9	5.4	5.4	16.3	4.0	4.0	4.0	5.9	7.5	9.0	9.7	26.0
015-095	2	15	4x3/4	4x5/8	44.9	25.6	7.9	6.3	6.3	17.8	7.4	4.0	4.0	6.5	10.7	9.0	9.7	27.4
		20	4x3/4	4x5/8	46.6	27.0	7.9	7.2	7.2	19.7	7.8	4.0	4.0	6.5	10.7	9.0	9.7	29.4
		25	4x3/4	4x5/8	46.3	27.0	7.9	7.2	7.2	20.3	7.4	4.0	4.0	7.3	11.3	9.0	10.2	30.5
		30	4x3/4	4x5/8	46.3	27.0	7.9	7.2	7.2	20.3	7.4	4.0	4.0	7.3	11.3	9.0	10.2	30.5
		40	4x3/4	4x5/8	49.3	30.2	7.9	7.3	7.3	21.9	7.2	4.0	4.0	8.1	12.9	9.0	11.8	33.7
		50	4x3/4	4x5/8	49.3	30.2	7.9	7.3	7.3	21.9	7.2	4.0	4.0	8.1	12.9	9.0	11.8	33.7
	4	2	4x3/4	4x5/8	32.4	16.5	7.9	4.9	4.9	13.2	4.0	4.0	4.0	5.9	5.8	9.0	9.7	22.9
		3	4x3/4	4x5/8	34.8	16.5	7.9	4.9	4.9	14.1	6.4	4.0	4.0	5.9	7.5	9.0	9.7	23.7
		5	4x3/4	4x5/8	34.8	18.9	7.9	5.4	5.4	16.3	4.0	4.0	4.0	5.9	7.5	9.0	9.7	26.0
		7.5	4x3/4	4x5/8	38.7	18.9	7.9	5.4	5.4	15.9	7.9	4.0	4.0	5.9	8.3	9.0	9.7	25.6
		10	4x3/4	4x5/8	38.7	18.9	7.9	5.4	5.4	15.9	7.9	4.0	4.0	5.9	8.3	9.0	9.7	25.6

Pump size	Poles	P2 [hp]	SS	SD	L	V1	V2	V3	V4	AV	A3	A	A1	A2	AB	H2	H3	H4
020-095	2	15	4x3/4	4x3/4	44.9	25.6	7.9	6.3	6.3	17.8	7.4	4.0	4.0	6.5	10.7	9.0	9.7	27.4
		20	4x3/4	4x3/4	46.6	27.0	7.9	7.2	7.2	19.7	7.8	4.0	4.0	6.5	10.7	9.0	9.7	29.4
		25	4x3/4	4x3/4	46.3	27.0	7.9	7.2	7.2	20.3	7.4	4.0	4.0	7.3	11.3	9.0	10.2	30.5
		30	4x3/4	4x3/4	46.3	27.0	7.9	7.2	7.2	20.3	7.4	4.0	4.0	7.3	11.3	9.0	10.2	30.5
		40	4x3/4	4x3/4	50.1	30.2	7.9	7.3	7.3	21.9	8.0	4.0	4.0	8.1	12.9	9.0	11.8	33.7
		50	4x3/4	4x3/4	50.1	30.2	7.9	7.3	7.3	21.9	8.0	4.0	4.0	8.1	12.9	9.0	11.8	33.7
	4	2	4x3/4	4x3/4	32.4	16.5	7.9	4.9	4.9	13.2	4.0	4.0	4.0	5.9	5.8	9.0	9.7	22.9
		3	4x3/4	4x3/4	34.8	16.5	7.9	4.9	4.9	14.1	6.4	4.0	4.0	5.9	7.5	9.0	9.7	23.7
		5	4x3/4	4x3/4	34.8	18.9	7.9	5.4	5.4	16.3	4.0	4.0	4.0	5.9	7.5	9.0	9.7	26.0
		7.5	4x3/4	4x3/4	38.7	18.9	7.9	5.4	5.4	15.9	7.9	4.0	4.0	5.9	8.3	9.0	9.7	25.6
		10	4x3/4	4x3/4	38.7	18.9	7.9	5.4	5.4	15.9	7.9	4.0	4.0	5.9	8.3	9.0	9.7	25.6
020-110	4	5	4x3/4	4x3/4	34.8	18.9	7.9	5.4	5.4	16.3	4.0	4.0	4.0	5.9	7.5	9.0	9.7	26.0
		7.5	4x3/4	4x3/4	38.7	18.9	7.9	5.4	5.4	15.9	7.9	4.0	4.0	5.9	8.3	9.0	9.7	25.6
		10	4x3/4	4x3/4	38.7	18.9	7.9	5.4	5.4	15.9	7.9	4.0	4.0	5.9	8.3	9.0	9.7	25.6
		15	4x3/4	4x3/4	43.9	25.6	7.9	6.3	6.3	17.8	6.4	4.0	4.0	5.9	10.7	9.0	9.7	27.4
		20	4x3/4	4x3/4	45.6	27.0	7.9	7.2	7.2	19.7	6.8	4.0	4.0	5.9	10.7	9.0	9.7	29.4
020-135	4	7.5	4x3/4	4x3/4	43.7	18.9	7.9	5.4	5.4	15.9	11.9	5.0	5.0	6.5	8.3	11.0	12.0	27.9
		10	4x3/4	4x3/4	43.7	18.9	7.9	5.4	5.4	15.9	11.9	5.0	5.0	6.5	8.3	11.0	12.0	27.9
		15	4x3/4	4x3/4	49.9	25.6	7.9	6.3	6.3	17.8	11.4	5.0	5.0	6.5	10.7	11.0	12.0	29.7
		20	4x3/4	4x3/4	51.6	27.0	7.9	7.2	7.2	19.7	11.8	5.0	5.0	6.5	10.7	11.0	12.0	31.7
		25	4x3/4	4x3/4	52.7	27.0	7.9	7.2	7.2	20.3	12.8	5.0	5.0	6.5	11.3	11.0	12.0	32.2
		30	4x3/4	4x3/4	52.7	27.0	7.9	7.2	7.2	20.3	12.8	5.0	5.0	6.5	11.3	11.0	12.0	32.2
025-070	2	7.5	4x3/4	4x3/4	38.7	18.9	7.9	5.4	5.4	15.9	7.9	4.0	4.0	7.7	8.3	8.0	9.6	25.5
		10	4x3/4	4x3/4	38.7	18.9	7.9	5.4	5.4	15.9	7.9	4.0	4.0	7.7	8.3	8.0	9.6	25.5
		15	4x3/4	4x3/4	43.9	25.6	7.9	6.3	6.3	17.8	6.4	4.0	4.0	7.7	10.7	8.0	9.7	27.4
		20	4x3/4	4x3/4	45.6	27.0	7.9	7.2	7.2	19.7	6.8	4.0	4.0	7.7	10.7	8.0	9.7	29.4
		25	4x3/4	4x3/4	45.3	27.0	7.9	7.2	7.2	20.3	6.4	4.0	4.0	7.5	11.3	8.0	10.4	30.7
		30	4x3/4	4x3/4	45.3	27.0	7.9	7.2	7.2	20.3	6.4	4.0	4.0	7.5	11.3	8.0	10.4	30.7
	4	1.5	4x3/4	4x3/4	30.7	16.5	7.9	4.9	4.9	13.2	2.3	4.0	4.0	7.1	5.8	8.0	9.6	22.8
		2	4x3/4	4x3/4	30.7	16.5	7.9	4.9	4.9	13.2	2.3	4.0	4.0	7.1	5.8	8.0	9.6	22.8
		3	4x3/4	4x3/4	33.7	16.5	7.9	4.9	4.9	14.1	5.3	4.0	4.0	7.1	7.5	8.0	9.6	23.7
		5	4x3/4	4x3/4	33.7	18.9	7.9	5.4	5.4	16.3	3.0	4.0	4.0	7.1	7.5	8.0	9.6	25.9
025-095	2	25	4x3/4	4x3/4	50.9	27.0	7.9	7.2	7.2	20.3	12.0	4.0	4.0	8.9	11.3	10.0	12.5	32.8
		30	4x3/4	4x3/4	50.9	27.0	7.9	7.2	7.2	20.3	12.0	4.0	4.0	8.9	11.3	10.0	12.5	32.8
		40	4x3/4	4x3/4	54.5	30.2	7.9	7.3	7.3	21.9	12.4	4.0	4.0	8.1	12.9	10.0	11.8	33.7
		50	4x3/4	4x3/4	54.5	30.2	7.9	7.3	7.3	21.9	12.4	4.0	4.0	8.1	12.9	10.0	11.8	33.7
	4	3	4x3/4	4x3/4	34.8	16.5	7.9	4.9	4.9	14.1	6.4	4.0	4.0	6.9	7.5	10.0	11.0	25.0
		5	4x3/4	4x3/4	34.8	18.9	7.9	5.4	5.4	16.3	4.0	4.0	4.0	6.9	7.5	10.0	11.0	27.3
		7.5	4x3/4	4x3/4	38.7	18.9	7.9	5.4	5.4	15.9	7.9	4.0	4.0	6.9	8.3	10.0	11.0	26.9
		10	4x3/4	4x3/4	38.7	18.9	7.9	5.4	5.4	15.9	7.9	4.0	4.0	6.9	8.3	10.0	11.0	26.9
025-110	4	7.5	4x3/4	4x3/4	43.7	18.9	7.9	5.4	5.4	15.9	11.9	5.0	5.0	8.1	8.3	11.0	12.1	28.1
		10	4x3/4	4x3/4	43.7	18.9	7.9	5.4	5.4	15.9	11.9	5.0	5.0	8.1	8.3	11.0	12.1	28.1
		15	4x3/4	4x3/4	48.7	25.6	7.9	6.3	6.3	17.8	10.2	5.0	5.0	8.1	10.7	11.0	12.1	29.9
		20	4x3/4	4x3/4	50.4	27.0	7.9	7.2	7.2	19.7	10.6	5.0	5.0	8.1	10.7	11.0	12.1	31.9
030-070	2	15	8x3/4	4x3/4	43.9	25.6	7.9	6.3	6.3	17.8	6.4	4.0	4.0	7.7	10.7	9.0	9.7	27.4
		20	8x3/4	4x3/4	45.6	27.0	7.9	7.2	7.2	19.7	6.8	4.0	4.0	7.7	10.7	9.0	9.7	29.4
		25	8x3/4	4x3/4	45.3	27.0	7.9	7.2	7.2	20.3	6.4	4.0	4.0	7.5	11.3	9.0	10.4	30.7
		30	8x3/4	4x3/4	45.3	27.0	7.9	7.2	7.2	20.3	6.4	4.0	4.0	7.5	11.3	9.0	10.4	30.7
		40	8x3/4	4x3/4	48.8	30.2	7.9	7.3	7.3	21.9	6.8	4.0	4.0	8.9	12.9	9.0	12.2	34.2
		50	8x3/4	4x3/4	48.8	30.2	7.9	7.3	7.3	21.9	6.8	4.0	4.0	8.9	12.9	9.0	12.2	34.2
	4	1.5	8x3/4	4x3/4	30.7	16.5	7.9	4.9	4.9	13.2	2.3	4.0	4.0	7.1	5.8	9.0	9.6	22.8
		2	8x3/4	4x3/4	30.7	16.5	7.9	4.9	4.9	13.2	2.3	4.0	4.0	7.1	5.8	9.0	9.6	22.8
		3	8x3/4	4x3/4	33.7	16.5	7.9	4.9	4.9	14.1	5.3	4.0	4.0	7.1	7.5	9.0	9.6	23.7
		5	8x3/4	4x3/4	33.7	18.9	7.9	5.4	5.4	16.3	3.0	4.0	4.0	7.1	7.5	9.0	9.6	25.9

Pump size	Poles	P2 [hp]	SS	SD	L	V1	V2	V3	V4	AV	A3	A	A1	A2	AB	H2	H3	H4
030-095	2	40	8x3/4	4x3/4	51.9	30.2	7.9	7.3	7.3	21.9	8.8	5.0	5.0	8.1	12.9	11.0	11.8	33.7
		50	8x3/4	4x3/4	51.9	30.2	7.9	7.3	7.3	21.9	8.8	5.0	5.0	8.1	12.9	11.0	11.8	33.7
	4	5	8x3/4	4x3/4	36.6	18.9	7.9	5.4	5.4	16.3	4.8	5.0	5.0	6.9	7.5	11.0	11.0	27.3
		7.5	8x3/4	4x3/4	40.5	18.9	7.9	5.4	5.4	15.9	8.7	5.0	5.0	6.9	8.3	11.0	11.0	26.9
		10	8x3/4	4x3/4	40.5	18.9	7.9	5.4	5.4	15.9	8.7	5.0	5.0	6.9	8.3	11.0	11.0	26.9
		15	8x3/4	4x3/4	45.7	25.6	7.9	6.3	6.3	17.8	7.2	5.0	5.0	7.5	10.7	11.0	11.7	29.5
		20	8x3/4	4x3/4	47.4	27.0	7.9	7.2	7.2	19.7	7.6	5.0	5.0	7.5	10.7	11.0	11.7	31.5
030-110	4	10	8x3/4	4x3/4	43.7	18.9	7.9	5.4	5.4	15.9	11.9	5.0	5.0	6.9	8.3	12.5	11.0	26.9
		15	8x3/4	4x3/4	50.1	25.6	7.9	6.3	6.3	17.8	11.6	5.0	5.0	7.5	10.7	12.5	11.7	29.5
		20	8x3/4	4x3/4	51.8	27.0	7.9	7.2	7.2	19.7	12.0	5.0	5.0	7.5	10.7	12.5	11.7	31.5
030-135	4	15	8x3/4	4x3/4	48.9	25.6	7.9	6.3	6.3	17.8	10.4	5.0	5.0	7.3	10.7	12.5	12.7	30.4
		20	8x3/4	4x3/4	50.6	27.0	7.9	7.2	7.2	19.7	10.8	5.0	5.0	7.3	10.7	12.5	12.7	32.4
		25	8x3/4	4x3/4	51.3	27.0	7.9	7.2	7.2	20.3	11.4	5.0	5.0	7.3	11.3	12.5	12.7	33.0
		30	8x3/4	4x3/4	51.3	27.0	7.9	7.2	7.2	20.3	11.4	5.0	5.0	7.3	11.3	12.5	12.7	33.0
		40	8x3/4	4x3/4	54.1	30.2	7.9	7.3	7.3	21.9	11.0	5.0	5.0	7.3	12.9	12.5	12.7	34.6
		50	8x3/4	4x3/4	54.1	30.2	7.9	7.3	7.3	21.9	11.0	5.0	5.0	7.3	12.9	12.5	12.7	34.6
040-070	2	20	8x7/8	8x3/4	47.6	27.0	7.9	7.2	7.2	19.7	7.8	5.0	5.0	7.5	10.7	10.0	10.2	29.9
		25	8x7/8	8x3/4	47.3	27.0	7.9	7.2	7.2	20.3	7.4	5.0	5.0	7.1	11.3	10.0	10.8	31.1
		30	8x7/8	8x3/4	47.3	27.0	7.9	7.2	7.2	20.3	7.4	5.0	5.0	7.1	11.3	10.0	10.8	31.1
		40	8x7/8	8x3/4	50.8	30.2	7.9	7.3	7.3	21.9	7.8	5.0	5.0	8.9	12.9	10.0	12.2	34.1
		50	8x7/8	8x3/4	50.8	30.2	7.9	7.3	7.3	21.9	7.8	5.0	5.0	8.9	12.9	10.0	12.2	34.1
	4	2	8x7/8	8x3/4	33.2	16.5	7.9	4.9	4.9	13.2	3.8	5.0	5.0	6.3	5.8	10.0	9.7	22.9
		3	8x7/8	8x3/4	35.8	16.5	7.9	4.9	4.9	14.1	6.4	5.0	5.0	6.3	7.5	10.0	9.7	23.7
		5	8x7/8	8x3/4	35.8	18.9	7.9	5.4	5.4	16.3	4.0	5.0	5.0	6.3	7.5	10.0	9.7	26.0
		7.5	8x7/8	8x3/4	39.7	18.9	7.9	5.4	5.4	15.9	7.9	5.0	5.0	6.3	8.3	10.0	9.7	25.6
		10	8x7/8	8x3/4	39.7	18.9	7.9	5.4	5.4	15.9	7.9	5.0	5.0	6.3	8.3	10.0	9.7	25.6
040-095	4	7.5	8x7/8	8x3/4	40.5	18.9	7.9	5.4	5.4	15.9	8.3	5.5	5.5	6.9	8.3	11.0	12.0	27.9
		10	8x7/8	8x3/4	41.0	18.9	7.9	5.4	5.4	15.9	8.7	5.5	5.5	6.9	8.3	11.0	12.0	27.9
		15	8x7/8	8x3/4	46.2	25.6	7.9	6.3	6.3	17.8	7.2	5.5	5.5	6.9	10.7	11.0	12.0	29.7
		20	8x7/8	8x3/4	47.9	27.0	7.9	7.2	7.2	19.7	7.6	5.5	5.5	6.9	10.7	11.0	12.0	31.7
040-110	4	15	8x7/8	8x3/4	49.4	25.6	7.9	6.3	6.3	17.8	10.4	5.5	5.5	6.9	10.7	12.5	12.0	29.7
		20	8x7/8	8x3/4	51.1	27.0	7.9	7.2	7.2	19.7	10.8	5.5	5.5	6.9	10.7	12.5	12.0	31.7
		25	8x7/8	8x3/4	52.0	27.0	7.9	7.2	7.2	20.3	11.6	5.5	5.5	8.1	11.3	12.5	13.1	33.4
		30	8x7/8	8x3/4	52.0	27.0	7.9	7.2	7.2	20.3	11.6	5.5	5.5	8.1	11.3	12.5	13.1	33.4
040-135	4	20	8x7/8	8x3/4	51.1	27.0	7.9	7.2	7.2	19.7	10.8	5.5	5.5	7.3	10.7	12.5	12.7	32.4
		25	8x7/8	8x3/4	51.8	27.0	7.9	7.2	7.2	20.3	11.4	5.5	5.5	7.3	11.3	12.5	12.7	33.0
		30	8x7/8	8x3/4	51.8	27.0	7.9	7.2	7.2	20.3	11.4	5.5	5.5	7.3	11.3	12.5	12.7	33.0
		40	8x7/8	8x3/4	54.6	30.2	7.9	7.3	7.3	21.9	11.0	5.5	5.5	7.3	12.9	12.5	12.7	34.6
		50	8x7/8	8x3/4	54.6	30.2	7.9	7.3	7.3	21.9	11.0	5.5	5.5	7.3	12.9	12.5	12.7	34.6
040-150	4	50	8x7/8	8x3/4	56.6	30.2	7.9	7.3	7.3	21.9	13.0	5.5	5.5	10.8	12.9	14.0	16.1	38.0
050-070	2	30	8x7/8	8x7/8	46.3	27.0	7.9	7.2	7.2	20.3	6.4	5.0	5.0	8.1	11.3	11.0	12.1	32.4
		40	8x7/8	8x7/8	49.8	30.2	7.9	7.3	7.3	21.9	6.8	5.0	5.0	8.9	12.9	11.0	12.2	34.1
		50	8x7/8	8x7/8	49.8	30.2	7.9	7.3	7.3	21.9	6.8	5.0	5.0	8.9	12.9	11.0	12.2	34.1
	4	3	8x7/8	8x7/8	35.8	16.5	7.9	4.9	4.9	14.1	6.4	5.0	5.0	8.1	7.5	11.0	12.1	26.2
		5	8x7/8	8x7/8	35.8	18.9	7.9	5.4	5.4	16.3	4.0	5.0	5.0	8.1	7.5	11.0	12.1	28.5
		7.5	8x7/8	8x7/8	39.7	18.9	7.9	5.4	5.4	15.9	7.9	5.0	5.0	8.1	8.3	11.0	12.1	28.1
		10	8x7/8	8x7/8	39.7	18.9	7.9	5.4	5.4	15.9	7.9	5.0	5.0	8.1	8.3	11.0	12.1	28.1
050-095	4	10	8x7/8	8x7/8	42.2	18.9	7.9	5.4	5.4	15.9	10.0	5.5	5.5	6.7	8.3	14.0	12.7	28.6
		15	8x7/8	8x7/8	47.4	25.6	7.9	6.3	6.3	17.8	8.5	5.5	5.5	6.7	10.7	14.0	12.7	30.4
		20	8x7/8	8x7/8	49.2	27.0	7.9	7.2	7.2	19.7	8.8	5.5	5.5	6.7	10.7	14.0	12.7	32.4
		25	8x7/8	8x7/8	49.6	27.0	7.9	7.2	7.2	20.3	9.2	5.5	5.5	6.7	11.3	14.0	12.7	33.0
		30	8x7/8	8x7/8	49.6	27.0	7.9	7.2	7.2	20.3	9.2	5.5	5.5	6.7	11.3	14.0	12.7	33.0

Pump size	Poles	P2 [hp]	SS	SD	L	V1	V2	V3	V4	AV	A3	A	A1	A2	AB	H2	H3	H4
050-110	4	20	8x7/8	8x7/8	51.1	27.0	7.9	7.2	7.2	19.7	10.8	5.5	5.5	7.3	10.7	14.0	12.7	32.4
		25	8x7/8	8x7/8	51.8	27.0	7.9	7.2	7.2	20.3	11.4	5.5	5.5	7.3	11.3	14.0	12.7	33.0
		30	8x7/8	8x7/8	51.8	27.0	7.9	7.2	7.2	20.3	11.4	5.5	5.5	7.3	11.3	14.0	12.7	33.0
		40	8x7/8	8x7/8	54.6	30.2	7.9	7.3	7.3	21.9	11.0	5.5	5.5	7.3	12.9	14.0	12.7	34.6
		50	8x7/8	8x7/8	54.6	30.2	7.9	7.3	7.3	21.9	11.0	5.5	5.5	7.3	12.9	14.0	12.7	34.6
050-135	4	25	8x7/8	8x7/8	53.9	27.0	7.9	7.2	7.2	20.3	13.6	5.5	5.5	10.8	11.3	14.0	16.1	36.4
		30	8x7/8	8x7/8	53.9	27.0	7.9	7.2	7.2	20.3	13.6	5.5	5.5	10.8	11.3	14.0	16.1	36.4
		40	8x7/8	8x7/8	56.6	30.2	7.9	7.3	7.3	21.9	13.0	5.5	5.5	10.8	12.9	14.0	16.1	38.0
		50	8x7/8	8x7/8	56.6	30.2	7.9	7.3	7.3	21.9	13.0	5.5	5.5	10.8	12.9	14.0	16.1	38.0
060-095	4	20	8x7/8	8x7/8	49.7	27.0	7.9	7.2	7.2	19.7	8.6	6.3	6.3	10.8	10.7	14.8	16.1	35.8
		25	8x7/8	8x7/8	50.7	27.0	7.9	7.2	7.2	20.3	9.7	6.3	6.3	11.8	11.3	14.8	16.1	36.4
		30	8x7/8	8x7/8	50.7	27.0	7.9	7.2	7.2	20.3	9.7	6.3	6.3	11.8	11.3	14.8	16.1	36.4
		40	8x7/8	8x7/8	53.1	30.2	7.9	7.3	7.3	21.9	8.8	6.3	6.3	11.8	12.9	14.8	16.1	38.0
		50	8x7/8	8x7/8	53.1	30.2	7.9	7.3	7.3	21.9	8.8	6.3	6.3	11.8	12.9	14.8	16.1	38.0
060-110	4	30	8x7/8	8x7/8	54.7	27.0	7.9	7.2	7.2	20.3	13.6	6.3	6.3	10.8	11.3	14.8	16.1	36.4
		40	8x7/8	8x7/8	57.3	30.2	7.9	7.3	7.3	21.9	13.0	6.3	6.3	10.8	12.9	14.8	16.1	38.0
		50	8x7/8	8x7/8	57.3	30.2	7.9	7.3	7.3	21.9	13.0	6.3	6.3	10.8	12.9	14.8	16.1	38.0
080-135	4	60	12x1	8x7/8	64.3	30.2	7.9	7.3	7.3	23.1	20.0	6.3	6.3	9.8	15.6	14.0	18.3	41.4

Dimensions in mm.

Pump size	Poles	P2 [hp]	SS	SD	L	V1	V2	V3	V4	AV	A3	A	A1	A2	AB	H2	H3	H4
012-070	2	3	4x19	4x16	834	420	200	124	124	357	135	79	79	160	190	178	201	558
		5	4x19	4x16	834	480	200	137	137	415	75	79	79	160	190	178	201	616
		7.5	4x19	4x16	934	480	200	137	137	405	174	79	79	160	210	178	203	608
		10	4x19	4x16	934	480	200	137	137	405	174	79	79	160	210	178	203	608
		15	4x19	4x16	1057	650	200	159	159	451	128	79	79	175	271	178	228	679
		20	4x19	4x16	1102	685	200	182	182	501	137	79	79	175	271	178	228	729
	4	1.5	4x19	4x16	757	420	200	124	124	335	57	79	79	145	147	178	201	536
		2	4x19	4x16	757	420	200	124	124	335	57	79	79	145	147	178	201	536
015-070	2	5	4x19	4x16	861	480	200	137	137	415	102	79	79	160	190	178	201	616
		7.5	4x19	4x16	961	480	200	137	137	405	201	79	79	160	210	178	203	608
		10	4x19	4x16	961	480	200	137	137	405	201	79	79	160	210	178	203	608
		15	4x19	4x16	1092	650	200	159	159	451	163	79	79	175	271	178	228	679
		20	4x19	4x16	1137	685	200	182	182	501	172	79	79	175	271	178	228	729
	4	1.5	4x19	4x16	757	420	200	124	124	335	57	79	79	145	147	178	201	536
		2	4x19	4x16	757	420	200	124	124	335	57	79	79	145	147	178	201	536
		3	4x19	4x16	834	420	200	124	124	357	135	79	79	145	190	178	201	558
		5	4x19	4x16	834	480	200	137	137	415	75	79	79	145	190	178	201	616
015-090	2	15	4x19	4x16	1139	650	200	159	159	451	188	102	102	165	271	229	246	697
		20	4x19	4x16	1184	685	200	182	182	501	197	102	102	165	271	229	246	747
		25	4x19	4x16	1175	685	200	182	182	515	188	102	102	185	287	229	260	775
		30	4x19	4x16	1175	685	200	182	182	515	188	102	102	185	287	229	260	775
		40	4x19	4x16	1253	767	200	186	186	557	184	102	102	205	327	229	300	857
		50	4x19	4x16	1253	767	200	186	186	557	184	102	102	205	327	229	300	857
	4	1.5	4x19	4x16	823	420	200	124	124	335	101	102	102	150	147	229	246	581
		2	4x19	4x16	823	420	200	124	124	335	101	102	102	150	147	229	246	581
		3	4x19	4x16	884	420	200	124	124	357	162	102	102	150	190	229	246	603
		5	4x19	4x16	884	480	200	137	137	415	102	102	102	150	190	229	246	661

Pump size	Poles	P2 [hp]	SS	SD	L	V1	V2	V3	V4	AV	A3	A	A1	A2	AB	H2	H3	H4
015-095	2	15	4x19	4x16	1139	650	200	159	159	451	188	102	102	165	271	229	246	697
		20	4x19	4x16	1184	685	200	182	182	501	197	102	102	165	271	229	246	747
		25	4x19	4x16	1175	685	200	182	182	515	188	102	102	185	287	229	260	775
		30	4x19	4x16	1175	685	200	182	182	515	188	102	102	185	287	229	260	775
		40	4x19	4x16	1253	767	200	186	186	557	184	102	102	205	327	229	300	857
		50	4x19	4x16	1253	767	200	186	186	557	184	102	102	205	327	229	300	857
	4	2	4x19	4x16	823	420	200	124	124	335	101	102	102	150	147	229	246	581
		3	4x19	4x16	884	420	200	124	124	357	162	102	102	150	190	229	246	603
		5	4x19	4x16	884	480	200	137	137	415	102	102	102	150	190	229	246	661
		7.5	4x19	4x16	983	480	200	137	137	405	201	102	102	150	210	229	246	651
		10	4x19	4x16	983	480	200	137	137	405	201	102	102	150	210	229	246	651
020-095	2	15	4x19	4x19	1139	650	200	159	159	451	188	102	102	165	271	229	246	697
		20	4x19	4x19	1184	685	200	182	182	501	197	102	102	165	271	229	246	747
		25	4x19	4x19	1175	685	200	182	182	515	188	102	102	185	287	229	260	775
		30	4x19	4x19	1175	685	200	182	182	515	188	102	102	185	287	229	260	775
		40	4x19	4x19	1273	767	200	186	186	557	204	102	102	205	327	229	300	857
		50	4x19	4x19	1273	767	200	186	186	557	204	102	102	205	327	229	300	857
	4	2	4x19	4x19	823	420	200	124	124	335	101	102	102	150	147	229	246	581
		3	4x19	4x19	884	420	200	124	124	357	162	102	102	150	190	229	246	603
		5	4x19	4x19	884	480	200	137	137	415	102	102	102	150	190	229	246	661
		7.5	4x19	4x19	983	480	200	137	137	405	201	102	102	150	210	229	246	651
		10	4x19	4x19	983	480	200	137	137	405	201	102	102	150	210	229	246	651
020-110	4	5	4x19	4x19	884	480	200	137	137	415	102	102	102	150	190	229	246	661
		7.5	4x19	4x19	983	480	200	137	137	405	201	102	102	150	210	229	246	651
		10	4x19	4x19	983	480	200	137	137	405	201	102	102	150	210	229	246	651
		15	4x19	4x19	1114	650	200	159	159	451	163	102	102	150	271	229	246	697
		20	4x19	4x19	1159	685	200	182	182	501	172	102	102	150	271	229	246	747
020-135	4	7.5	4x19	4x19	1110	480	200	137	137	405	303	127	127	165	210	279	304	709
		10	4x19	4x19	1110	480	200	137	137	405	303	127	127	165	210	279	304	709
		15	4x19	4x19	1267	650	200	159	159	451	290	127	127	165	271	279	304	755
		20	4x19	4x19	1312	685	200	182	182	501	300	127	127	165	271	279	304	805
		25	4x19	4x19	1337	685	200	182	182	515	325	127	127	165	287	279	304	819
		30	4x19	4x19	1337	685	200	182	182	515	325	127	127	165	287	279	304	819
025-070	2	7.5	4x19	4x19	983	480	200	137	137	405	201	102	102	195	210	203	244	649
		10	4x19	4x19	983	480	200	137	137	405	201	102	102	195	210	203	244	649
		15	4x19	4x19	1115	650	200	159	159	451	163	102	102	195	271	203	246	697
		20	4x19	4x19	1159	685	200	182	182	501	172	102	102	195	271	203	246	747
		25	4x19	4x19	1150	685	200	182	182	515	164	102	102	190	287	203	265	780
		30	4x19	4x19	1150	685	200	182	182	515	164	102	102	190	287	203	265	780
	4	1.5	4x19	4x19	779	420	200	124	124	335	57	102	102	180	147	203	244	579
		2	4x19	4x19	779	420	200	124	124	335	57	102	102	180	147	203	244	579
		3	4x19	4x19	857	420	200	124	124	357	135	102	102	180	190	203	244	601
		5	4x19	4x19	857	480	200	137	137	415	75	102	102	180	190	203	244	659
025-095	2	25	4x19	4x19	1292	685	200	182	182	515	306	102	102	225	287	254	318	833
		30	4x19	4x19	1292	685	200	182	182	515	306	102	102	225	287	254	318	833
		40	4x19	4x19	1383	767	200	186	186	557	315	102	102	205	327	254	300	857
		50	4x19	4x19	1383	767	200	186	186	557	315	102	102	205	327	254	300	857
	4	3	4x19	4x19	884	420	200	124	124	357	162	102	102	175	190	254	278	635
		5	4x19	4x19	884	480	200	137	137	415	102	102	102	175	190	254	278	693
		7.5	4x19	4x19	983	480	200	137	137	405	201	102	102	175	210	254	278	683
		10	4x19	4x19	983	480	200	137	137	405	201	102	102	175	210	254	278	683
025-110	4	7.5	4x19	4x19	1110	480	200	137	137	405	303	127	127	205	210	279	308	713
		10	4x19	4x19	1110	480	200	137	137	405	303	127	127	205	210	279	308	713
		15	4x19	4x19	1237	650	200	159	159	451	260	127	127	205	271	279	308	759
		20	4x19	4x19	1281	685	200	182	182	501	269	127	127	205	271	279	308	809

Pump size	Poles	P2 [hp]	SS	SD	L	V1	V2	V3	V4	AV	A3	A	A1	A2	AB	H2	H3	H4
030-070	2	15	8x19	4x19	1114	650	200	159	159	451	163	102	102	195	271	229	246	697
		20	8x19	4x19	1159	685	200	182	182	501	172	102	102	195	271	229	246	747
		25	8x19	4x19	1150	685	200	182	182	515	163	102	102	190	287	229	265	780
		30	8x19	4x19	1150	685	200	182	182	515	163	102	102	190	287	229	265	780
		40	8x19	4x19	1241	767	200	186	186	557	172	102	102	225	327	229	311	868
		50	8x19	4x19	1241	767	200	186	186	557	172	102	102	225	327	229	311	868
	4	1.5	8x19	4x19	779	420	200	124	124	335	57	102	102	180	147	229	244	579
		2	8x19	4x19	779	420	200	124	124	335	57	102	102	180	147	229	244	579
		3	8x19	4x19	857	420	200	124	124	357	135	102	102	180	190	229	244	601
		5	8x19	4x19	857	480	200	137	137	415	75	102	102	180	190	229	244	659
030-095	2	40	8x19	4x19	1318	767	200	186	186	557	224	127	127	205	327	279	300	857
		50	8x19	4x19	1318	767	200	186	186	557	224	127	127	205	327	279	300	857
	4	5	8x19	4x19	929	480	200	137	137	415	122	127	127	175	190	279	278	693
		7.5	8x19	4x19	1028	480	200	137	137	405	221	127	127	175	210	279	278	683
		10	8x19	4x19	1028	480	200	137	137	405	221	127	127	175	210	279	278	683
		15	8x19	4x19	1160	650	200	159	159	451	183	127	127	190	271	279	298	749
		20	8x19	4x19	1204	685	200	182	182	501	192	127	127	190	271	279	298	799
030-110	4	10	8x19	4x19	1110	480	200	137	137	405	303	127	127	175	210	318	278	683
		15	8x19	4x19	1272	650	200	159	159	451	295	127	127	190	271	318	298	749
		20	8x19	4x19	1317	685	200	182	182	501	305	127	127	190	271	318	298	799
030-135	4	15	8x19	4x19	1242	650	200	159	159	451	265	127	127	185	271	318	322	773
		20	8x19	4x19	1286	685	200	182	182	501	274	127	127	185	271	318	322	823
		25	8x19	4x19	1302	685	200	182	182	515	290	127	127	185	287	318	322	837
		30	8x19	4x19	1302	685	200	182	182	515	290	127	127	185	287	318	322	837
		40	8x19	4x19	1374	767	200	186	186	557	280	127	127	185	327	318	322	879
		50	8x19	4x19	1374	767	200	186	186	557	280	127	127	185	327	318	322	879
040-070	2	20	8x22.3	8x19	1209	685	200	182	182	501	197	127	127	190	271	254	259	760
		25	8x22.3	8x19	1200	685	200	182	182	515	188	127	127	180	287	254	275	790
		30	8x22.3	8x19	1200	685	200	182	182	515	188	127	127	180	287	254	275	790
		40	8x22.3	8x19	1291	767	200	186	186	557	197	127	127	225	327	254	310	867
		50	8x22.3	8x19	1291	767	200	186	186	557	197	127	127	225	327	254	310	867
	4	2	8x22.3	8x19	843	420	200	124	124	335	96	127	127	160	147	254	246	581
		3	8x22.3	8x19	909	420	200	124	124	357	162	127	127	160	190	254	246	603
		5	8x22.3	8x19	909	480	200	137	137	415	102	127	127	160	190	254	246	661
		7.5	8x22.3	8x19	1008	480	200	137	137	405	201	127	127	160	210	254	246	651
		10	8x22.3	8x19	1008	480	200	137	137	405	201	127	127	160	210	254	246	651
040-095	4	7.5	8x22.3	8x19	1030	480	200	137	137	405	210	140	140	175	210	279	304	709
		10	8x22.3	8x19	1041	480	200	137	137	405	221	140	140	175	210	279	304	709
		15	8x22.3	8x19	1173	650	200	159	159	451	183	140	140	175	271	279	304	755
		20	8x22.3	8x19	1217	685	200	182	182	501	192	140	140	175	271	279	304	805
040-110	4	15	8x22.3	8x19	1255	650	200	159	159	451	265	140	140	175	271	318	304	755
		20	8x22.3	8x19	1299	685	200	182	182	501	274	140	140	175	271	318	304	805
		25	8x22.3	8x19	1320	685	200	182	182	515	295	140	140	205	287	318	334	849
		30	8x22.3	8x19	1320	685	200	182	182	515	295	140	140	205	287	318	334	849
040-135	4	20	8x22.3	8x19	1299	685	200	182	182	501	274	140	140	185	271	318	322	823
		25	8x22.3	8x19	1315	685	200	182	182	515	290	140	140	185	287	318	322	837
		30	8x22.3	8x19	1315	685	200	182	182	515	290	140	140	185	287	318	322	837
		40	8x22.3	8x19	1387	767	200	186	186	557	280	140	140	185	327	318	322	879
		50	8x22.3	8x19	1387	767	200	186	186	557	280	140	140	185	327	318	322	879
040-150	4	50	8x22.3	8x19	1437	767	200	186	186	557	330	140	140	275	327	356	409	966

Pump size	Poles	P2 [hp]	SS	SD	L	V1	V2	V3	V4	AV	A3	A	A1	A2	AB	H2	H3	H4
050-070	2	30	8x22.3	8x22.3	1175	685	200	182	182	515	163	127	127	205	287	279	308	823
		40	8x22.3	8x22.3	1266	767	200	186	186	557	172	127	127	225	327	279	310	867
		50	8x22.3	8x22.3	1266	767	200	186	186	557	172	127	127	225	327	279	310	867
	4	3	8x22.3	8x22.3	909	420	200	124	124	357	162	127	127	205	190	279	308	665
		5	8x22.3	8x22.3	909	480	200	137	137	415	102	127	127	205	190	279	308	723
		7.5	8x22.3	8x22.3	1008	480	200	137	137	405	201	127	127	205	210	279	308	713
		10	8x22.3	8x22.3	1008	480	200	137	137	405	201	127	127	205	210	279	308	713
050-095	4	10	8x22.3	8x22.3	1073	480	200	137	137	405	253	140	140	170	210	356	322	727
		15	8x22.3	8x22.3	1205	650	200	159	159	451	215	140	140	170	271	356	322	773
		20	8x22.3	8x22.3	1249	685	200	182	182	501	224	140	140	170	271	356	322	823
		25	8x22.3	8x22.3	1259	685	200	182	182	515	234	140	140	170	287	356	322	837
		30	8x22.3	8x22.3	1259	685	200	182	182	515	234	140	140	170	287	356	322	837
050-110	4	20	8x22.3	8x22.3	1299	685	200	182	182	501	274	140	140	185	271	356	322	823
		25	8x22.3	8x22.3	1315	685	200	182	182	515	290	140	140	185	287	356	322	837
		30	8x22.3	8x22.3	1315	685	200	182	182	515	290	140	140	185	287	356	322	837
		40	8x22.3	8x22.3	1387	767	200	186	186	557	280	140	140	185	327	356	322	879
		50	8x22.3	8x22.3	1387	767	200	186	186	557	280	140	140	185	327	356	322	879
050-135	4	25	8x22.3	8x22.3	1370	685	200	182	182	515	345	140	140	275	287	356	409	924
		30	8x22.3	8x22.3	1370	685	200	182	182	515	345	140	140	275	287	356	409	924
		40	8x22.3	8x22.3	1437	767	200	186	186	557	330	140	140	275	327	356	409	966
		50	8x22.3	8x22.3	1437	767	200	186	186	557	330	140	140	275	327	356	409	966
060-095	4	20	8x22.3	8x22.3	1263	685	200	182	182	501	219	159	159	275	271	375	409	910
		25	8x22.3	8x22.3	1289	685	200	182	182	515	245	159	159	300	287	375	409	924
		30	8x22.3	8x22.3	1289	685	200	182	182	515	245	159	159	300	287	375	409	924
		40	8x22.3	8x22.3	1350	767	200	186	186	557	224	159	159	300	327	375	409	966
		50	8x22.3	8x22.3	1350	767	200	186	186	557	224	159	159	300	327	375	409	966
060-110	4	30	8x22.3	8x22.3	1389	685	200	182	182	515	345	159	159	275	287	375	409	924
		40	8x22.3	8x22.3	1456	767	200	186	186	557	330	159	159	275	327	375	409	966
		50	8x22.3	8x22.3	1456	767	200	186	186	557	330	159	159	275	327	375	409	966
080-135	4	60	12x25.4	8x22.3	1633	767	200	186	186	587	508	159	159	250	395	356	465	1052

Dimension for NKE pumps with WEG motors and CUE (460 V)

For more dimensions, see Section *12.1 NK, center-line outlet*.

Dimensions in inch.

Pump size	Poles	P2 [hp]	SS	SD	L	V1	V2	V3	V4	AV	A3	A	A1	A2	AB	H2	H3	H4
015-090	2	40	4x3/4	4x5/8	49.3	27.0	7.9	7.2	7.2	20.9	10.5	4.0	4.0	8.1	12.9	9.0	11.8	32.7
		50	4x3/4	4x5/8	49.3	27.0	7.9	7.2	7.2	20.9	10.5	4.0	4.0	8.1	12.9	9.0	11.8	32.7
015-095	2	40	4x3/4	4x5/8	49.3	27.0	7.9	7.2	7.2	20.9	10.5	4.0	4.0	8.1	12.9	9.0	11.8	32.7
		50	4x3/4	4x5/8	49.3	27.0	7.9	7.2	7.2	20.9	10.5	4.0	4.0	8.1	12.9	9.0	11.8	32.7
020-095	2	40	4x3/4	4x3/4	50.1	27.0	7.9	7.2	7.2	20.9	11.3	4.0	4.0	8.1	12.9	9.0	11.8	32.7
		50	4x3/4	4x3/4	50.1	27.0	7.9	7.2	7.2	20.9	11.3	4.0	4.0	8.1	12.9	9.0	11.8	32.7
		60	4x3/4	4x3/4	54.8	27.0	7.9	7.2	7.2	22.1	15.9	4.0	4.0	11.6	15.6	9.0	15.6	37.7
		75	4x3/4	4x3/4	54.8	27.0	7.9	7.2	7.2	22.1	15.9	4.0	4.0	11.6	15.6	9.0	15.6	37.7
025-095	2	40	4x3/4	4x3/4	54.5	27.0	7.9	7.2	7.2	20.9	15.6	4.0	4.0	8.1	12.9	10.0	11.8	32.8
		50	4x3/4	4x3/4	54.5	27.0	7.9	7.2	7.2	20.9	15.6	4.0	4.0	8.1	12.9	10.0	11.8	32.8
		60	4x3/4	4x3/4	59.4	27.0	7.9	7.2	7.2	22.1	20.6	4.0	4.0	11.6	15.6	10.0	15.6	37.7
		75	4x3/4	4x3/4	59.4	27.0	7.9	7.2	7.2	22.1	20.6	4.0	4.0	11.6	15.6	10.0	15.6	37.7
030-070	2	40	8x3/4	4x3/4	48.8	27.0	7.9	7.2	7.2	20.9	10.0	4.0	4.0	8.9	12.9	9.0	12.2	33.2
		50	8x3/4	4x3/4	48.8	27.0	7.9	7.2	7.2	20.9	10.0	4.0	4.0	8.9	12.9	9.0	12.2	33.2
030-095	2	40	8x3/4	4x3/4	51.9	27.0	7.9	7.2	7.2	20.9	12.0	5.0	5.0	8.1	12.9	11.0	11.8	32.8
		50	8x3/4	4x3/4	51.9	27.0	7.9	7.2	7.2	20.9	12.0	5.0	5.0	8.1	12.9	11.0	11.8	32.8
		60	8x3/4	4x3/4	56.9	27.0	7.9	7.2	7.2	22.1	17.0	5.0	5.0	11.6	15.6	11.0	15.6	37.7
		75	8x3/4	4x3/4	56.9	27.0	7.9	7.2	7.2	22.1	17.0	5.0	5.0	11.6	15.6	11.0	15.6	37.7
030-135	4	40	8x3/4	4x3/4	54.1	27.0	7.9	7.2	7.2	20.9	14.3	5.0	5.0	7.3	12.9	12.5	12.7	33.6
		50	8x3/4	4x3/4	54.1	27.0	7.9	7.2	7.2	20.9	14.3	5.0	5.0	7.3	12.9	12.5	12.7	33.6
040-070	2	40	8x7/8	8x3/4	50.8	27.0	7.9	7.2	7.2	20.9	11.0	5.0	5.0	8.9	12.9	10.0	12.2	33.1
		50	8x7/8	8x3/4	50.8	27.0	7.9	7.2	7.2	20.9	11.0	5.0	5.0	8.9	12.9	10.0	12.2	33.1
040-095	2	75	8x7/8	8x3/4	57.4	27.0	7.9	7.2	7.2	22.1	17.0	5.5	5.5	11.6	15.6	11.0	16.6	38.7
040-135	4	40	8x7/8	8x3/4	54.6	27.0	7.9	7.2	7.2	20.9	14.3	5.5	5.5	7.3	12.9	12.5	12.7	33.6
		50	8x7/8	8x3/4	54.6	27.0	7.9	7.2	7.2	20.9	14.3	5.5	5.5	7.3	12.9	12.5	12.7	33.6
040-150	4	50	8x7/8	8x3/4	56.6	27.0	7.9	7.2	7.2	20.9	16.2	5.5	5.5	10.8	12.9	14.0	16.1	37.1
		60	8x7/8	8x3/4	63.2	27.0	7.9	7.2	7.2	22.1	22.9	5.5	5.5	10.8	15.6	14.0	16.1	38.2
		75	8x7/8	8x3/4	64.2	30.2	7.9	7.3	7.3	23.1	20.6	5.5	5.5	10.8	15.6	14.0	16.1	39.2
050-070	2	40	8x7/8	8x7/8	49.8	27.0	7.9	7.2	7.2	20.9	10.0	5.0	5.0	8.9	12.9	11.0	12.2	33.2
		50	8x7/8	8x7/8	49.8	27.0	7.9	7.2	7.2	20.9	10.0	5.0	5.0	8.9	12.9	11.0	12.2	33.2
		60	8x7/8	8x7/8	54.8	27.0	7.9	7.2	7.2	22.1	15.0	5.0	5.0	11.6	15.6	11.0	15.6	37.7
		75	8x7/8	8x7/8	54.8	27.0	7.9	7.2	7.2	22.1	15.0	5.0	5.0	11.6	15.6	11.0	15.6	37.7
050-110	4	40	8x7/8	8x7/8	54.6	27.0	7.9	7.2	7.2	20.9	14.3	5.5	5.5	7.3	12.9	14.0	12.7	33.6
		50	8x7/8	8x7/8	54.6	27.0	7.9	7.2	7.2	20.9	14.3	5.5	5.5	7.3	12.9	14.0	12.7	33.6
050-135	4	40	8x7/8	8x7/8	56.6	27.0	7.9	7.2	7.2	20.9	16.2	5.5	5.5	10.8	12.9	14.0	16.1	37.1
		50	8x7/8	8x7/8	56.6	27.0	7.9	7.2	7.2	20.9	16.2	5.5	5.5	10.8	12.9	14.0	16.1	37.1
		60	8x7/8	8x7/8	63.2	27.0	7.9	7.2	7.2	22.1	22.9	5.5	5.5	10.8	15.6	14.0	16.1	38.2
		75	8x7/8	8x7/8	64.2	30.2	7.9	7.3	7.3	23.1	20.6	5.5	5.5	10.8	15.6	14.0	16.1	39.2
060-095	4	40	8x7/8	8x7/8	53.1	27.0	7.9	7.2	7.2	20.9	12.0	6.3	6.3	11.8	12.9	14.8	16.1	37.1
		50	8x7/8	8x7/8	53.1	27.0	7.9	7.2	7.2	20.9	12.0	6.3	6.3	11.8	12.9	14.8	16.1	37.1
060-110	4	40	8x7/8	8x7/8	57.3	27.0	7.9	7.2	7.2	20.9	16.2	6.3	6.3	10.8	12.9	14.8	16.1	37.1
		50	8x7/8	8x7/8	57.3	27.0	7.9	7.2	7.2	20.9	16.2	6.3	6.3	10.8	12.9	14.8	16.1	37.1
		60	8x7/8	8x7/8	64.0	27.0	7.9	7.2	7.2	22.1	22.9	6.3	6.3	10.8	15.6	14.8	16.1	38.2
		75	8x7/8	8x7/8	64.0	30.2	7.9	7.3	7.3	23.1	19.6	6.3	6.3	10.8	15.6	14.8	16.1	39.2
080-135	4	60	12x1	8x7/8	64.3	27.0	7.9	7.2	7.2	22.1	23.2	6.3	6.3	9.8	15.6	14.0	18.3	40.4
		75	12x1	8x7/8	64.3	30.2	7.9	7.3	7.3	23.1	20.0	6.3	6.3	9.8	15.6	14.0	18.3	41.4

Dimensions in mm.

Pump size	Poles	P2 [hp]	SS	SD	L	V1	V2	V3	V4	AV	A3	A	A1	A2	AB	H2	H3	H4
015-090	2	40	4x19	4x16	1253	685	200	182	182	532	266	102	102	205	327	229	300	832
		50	4x19	4x16	1253	685	200	182	182	532	266	102	102	205	327	229	300	832
015-095	2	40	4x19	4x16	1253	685	200	182	182	532	266	102	102	205	327	229	300	832
		50	4x19	4x16	1253	685	200	182	182	532	266	102	102	205	327	229	300	832
020-095	2	40	4x19	4x19	1273	685	200	182	182	532	286	102	102	205	327	229	300	832
		50	4x19	4x19	1273	685	200	182	182	532	286	102	102	205	327	229	300	832
		60	4x19	4x19	1391	685	200	182	182	562	405	102	102	295	395	229	396	958
		75	4x19	4x19	1391	685	200	182	182	562	405	102	102	295	395	229	396	958
025-095	2	40	4x19	4x19	1383	685	200	182	182	532	397	102	102	205	327	254	300	832
		50	4x19	4x19	1383	685	200	182	182	532	397	102	102	205	327	254	300	832
		60	4x19	4x19	1510	685	200	182	182	562	523	102	102	295	395	254	395	957
		75	4x19	4x19	1510	685	200	182	182	562	523	102	102	295	395	254	395	957
030-070	2	40	8x19	4x19	1241	685	200	182	182	532	254	102	102	225	327	229	311	843
		50	8x19	4x19	1241	685	200	182	182	532	254	102	102	225	327	229	311	843
030-095	2	40	8x19	4x19	1318	685	200	182	182	532	306	127	127	205	327	279	300	832
		50	8x19	4x19	1318	685	200	182	182	532	306	127	127	205	327	279	300	832
		60	8x19	4x19	1445	685	200	182	182	562	433	127	127	295	395	279	395	957
		75	8x19	4x19	1445	685	200	182	182	562	433	127	127	295	395	279	395	957
030-135	4	40	8x19	4x19	1374	685	200	182	182	532	362	127	127	185	327	318	322	854
		50	8x19	4x19	1374	685	200	182	182	532	362	127	127	185	327	318	322	854
040-070	2	40	8x22	8x19	1291	685	200	182	182	532	279	127	127	225	327	254	310	842
		50	8x22	8x19	1291	685	200	182	182	532	279	127	127	225	327	254	310	842
040-095	2	75	8x22	8x19	1457	685	200	182	182	562	433	140	140	295	395	279	421	983
040-135	4	40	8x22	8x19	1387	685	200	182	182	532	362	140	140	185	327	318	322	854
		50	8x22	8x19	1387	685	200	182	182	532	362	140	140	185	327	318	322	854
040-150	4	50	8x22	8x19	1437	685	200	182	182	532	412	140	140	275	327	356	409	941
		60	8x22	8x19	1605	685	200	182	182	562	581	140	140	275	395	356	409	971
		75	8x22	8x19	1630	767	200	186	186	587	524	140	140	275	395	356	409	996
050-070	2	40	8x22	8x22	1266	685	200	182	182	532	254	127	127	225	327	279	310	842
		50	8x22	8x22	1266	685	200	182	182	532	254	127	127	225	327	279	310	842
		60	8x22	8x22	1393	685	200	182	182	562	381	127	127	295	395	279	395	957
		75	8x22	8x22	1393	685	200	182	182	562	381	127	127	295	395	279	395	957
050-110	4	40	8x22	8x22	1387	685	200	182	182	532	362	140	140	185	327	356	322	854
		50	8x22	8x22	1387	685	200	182	182	532	362	140	140	185	327	356	322	854
050-135	4	40	8x22	8x22	1437	685	200	182	182	532	412	140	140	275	327	356	409	941
		50	8x22	8x22	1437	685	200	182	182	532	412	140	140	275	327	356	409	941
		60	8x22	8x22	1605	685	200	182	182	562	581	140	140	275	395	356	409	971
		75	8x22	8x22	1630	767	200	186	186	587	524	140	140	275	395	356	409	996
060-095	4	40	8x22	8x22	1350	685	200	182	182	532	306	159	159	300	327	375	409	941
		50	8x22	8x22	1350	685	200	182	182	532	306	159	159	300	327	375	409	941
060-110	4	40	8x22	8x22	1456	685	200	182	182	532	412	159	159	275	327	375	409	941
		50	8x22	8x22	1456	685	200	182	182	532	412	159	159	275	327	375	409	941
		60	8x22	8x22	1624	685	200	182	182	562	581	159	159	275	395	375	409	971
		75	8x22.3	8x22.3	1624	767	200	186	186	587	499	159	159	275	395	375	409	996
080-135	4	60	12x25.4	8x22.3	1633	685	200	182	182	562	590	159	159	250	395	356	465	1027
		75	12x25.4	8x22.3	1633	767	200	186	186	587	508	159	159	250	395	356	465	1052

Dimension for NKE pumps with WEG motors and CUE (575 V)

For more dimensions, see Section *12.1 NK, center-line outlet*.

Dimensions in inch.

Pump size	Poles	P2 [hp]	SS	SD	L	V1	V2	V3	V4	AV	A3	A	A1	A2	AB	H2	H3	H4
012-070	2.0	3.0	4x3/4	4x5/8	32.9	16.5	7.9	4.9	4.9	14.1	5.3	3.1	3.1	6.3	7.5	7.0	7.9	22.0
		5.0	4x3/4	4x5/8	32.9	16.5	7.9	4.9	4.9	14.1	5.3	3.1	3.1	6.3	7.5	7.0	7.9	22.0
		7.5	4x3/4	4x5/8	36.8	16.5	7.9	4.9	4.9	13.7	9.2	3.1	3.1	6.3	8.3	7.0	8.0	21.7
		10.0	4x3/4	4x5/8	36.8	16.5	7.9	4.9	4.9	13.7	9.2	3.1	3.1	6.3	8.3	7.0	8.0	21.7
		15.0	4x3/4	4x5/8	41.6	25.6	7.9	6.3	6.3	17.8	5.0	3.1	3.1	6.9	10.7	7.0	9.0	26.7
		20.0	4x3/4	4x5/8	43.4	25.6	7.9	6.3	6.3	17.8	6.8	3.1	3.1	6.9	10.7	7.0	9.0	26.7
	4.0	1.5	4x3/4	4x5/8	29.8	16.5	7.9	4.9	4.9	13.2	2.3	3.1	3.1	5.7	5.8	7.0	7.9	21.1
		2.0	4x3/4	4x5/8	29.8	16.5	7.9	4.9	4.9	13.2	2.3	3.1	3.1	5.7	5.8	7.0	7.9	21.1
015-070	2.0	5.0	4x3/4	4x5/8	33.9	16.5	7.9	4.9	4.9	14.1	6.4	3.1	3.1	6.3	7.5	7.0	7.9	22.0
		7.5	4x3/4	4x5/8	37.8	16.5	7.9	4.9	4.9	13.7	10.3	3.1	3.1	6.3	8.3	7.0	8.0	21.7
		10.0	4x3/4	4x5/8	37.8	16.5	7.9	4.9	4.9	13.7	10.3	3.1	3.1	6.3	8.3	7.0	8.0	21.7
		15.0	4x3/4	4x5/8	43.0	25.6	7.9	6.3	6.3	17.8	6.4	3.1	3.1	6.9	10.7	7.0	9.0	26.7
		20.0	4x3/4	4x5/8	44.7	25.6	7.9	6.3	6.3	17.8	8.2	3.1	3.1	6.9	10.7	7.0	9.0	26.7
	4.0	1.5	4x3/4	4x5/8	29.8	16.5	7.9	4.9	4.9	13.2	2.3	3.1	3.1	5.7	5.8	7.0	7.9	21.1
		2.0	4x3/4	4x5/8	29.8	16.5	7.9	4.9	4.9	13.2	2.3	3.1	3.1	5.7	5.8	7.0	7.9	21.1
		3.0	4x3/4	4x5/8	32.9	16.5	7.9	4.9	4.9	14.1	5.3	3.1	3.1	5.7	7.5	7.0	7.9	22.0
		5.0	4x3/4	4x5/8	32.9	16.5	7.9	4.9	4.9	14.1	5.3	3.1	3.1	5.7	7.5	7.0	7.9	22.0
015-090	2.0	15.0	4x3/4	4x5/8	44.9	25.6	7.9	6.3	6.3	17.8	7.4	4.0	4.0	6.5	10.7	9.0	9.7	27.4
		20.0	4x3/4	4x5/8	46.6	25.6	7.9	6.3	6.3	17.8	9.1	4.0	4.0	6.5	10.7	9.0	9.7	27.4
		25.0	4x3/4	4x5/8	46.3	25.6	7.9	6.3	6.3	18.3	8.8	4.0	4.0	7.3	11.3	9.0	10.2	28.5
		30.0	4x3/4	4x5/8	46.3	25.6	7.9	6.3	6.3	18.3	8.8	4.0	4.0	7.3	11.3	9.0	10.2	28.5
		40.0	4x3/4	4x5/8	49.3	30.2	7.9	7.3	7.3	21.9	7.2	4.0	4.0	8.1	12.9	9.0	11.8	33.7
		50.0	4x3/4	4x5/8	49.3	30.2	7.9	7.3	7.3	21.9	7.2	4.0	4.0	8.1	12.9	9.0	11.8	33.7
	4.0	1.5	4x3/4	4x5/8	32.4	16.5	7.9	4.9	4.9	13.2	4.0	4.0	4.0	5.9	5.8	9.0	9.7	22.9
		2.0	4x3/4	4x5/8	32.4	16.5	7.9	4.9	4.9	13.2	4.0	4.0	4.0	5.9	5.8	9.0	9.7	22.9
		3.0	4x3/4	4x5/8	34.8	16.5	7.9	4.9	4.9	14.1	6.4	4.0	4.0	5.9	7.5	9.0	9.7	23.7
		5.0	4x3/4	4x5/8	34.8	16.5	7.9	4.9	4.9	14.1	6.4	4.0	4.0	5.9	7.5	9.0	9.7	23.7
015-095	2.0	15.0	4x3/4	4x5/8	44.9	25.6	7.9	6.3	6.3	17.8	7.4	4.0	4.0	6.5	10.7	9.0	9.7	27.4
		20.0	4x3/4	4x5/8	46.6	25.6	7.9	6.3	6.3	17.8	9.1	4.0	4.0	6.5	10.7	9.0	9.7	27.4
		25.0	4x3/4	4x5/8	46.3	25.6	7.9	6.3	6.3	18.3	8.8	4.0	4.0	7.3	11.3	9.0	10.2	28.5
		30.0	4x3/4	4x5/8	46.3	25.6	7.9	6.3	6.3	18.3	8.8	4.0	4.0	7.3	11.3	9.0	10.2	28.5
		40.0	4x3/4	4x5/8	49.3	30.2	7.9	7.3	7.3	21.9	7.2	4.0	4.0	8.1	12.9	9.0	11.8	33.7
		50.0	4x3/4	4x5/8	49.3	30.2	7.9	7.3	7.3	21.9	7.2	4.0	4.0	8.1	12.9	9.0	11.8	33.7
	4.0	2.0	4x3/4	4x5/8	32.4	16.5	7.9	4.9	4.9	13.2	4.0	4.0	4.0	5.9	5.8	9.0	9.7	22.9
		3.0	4x3/4	4x5/8	34.8	16.5	7.9	4.9	4.9	14.1	6.4	4.0	4.0	5.9	7.5	9.0	9.7	23.7
		5.0	4x3/4	4x5/8	34.8	16.5	7.9	4.9	4.9	14.1	6.4	4.0	4.0	5.9	7.5	9.0	9.7	23.7
		7.5	4x3/4	4x5/8	38.7	16.5	7.9	4.9	4.9	13.7	10.3	4.0	4.0	5.9	8.3	9.0	9.7	23.3
		10.0	4x3/4	4x5/8	38.7	16.5	7.9	4.9	4.9	13.7	10.3	4.0	4.0	5.9	8.3	9.0	9.7	23.3

Pump size	Poles	P2 [hp]	SS	SD	L	V1	V2	V3	V4	AV	A3	A	A1	A2	AB	H2	H3	H4
020-095	2.0	15.0	4x3/4	4x3/4	44.9	25.6	7.9	6.3	6.3	17.8	7.4	4.0	4.0	6.5	10.7	9.0	9.7	27.4
		20.0	4x3/4	4x3/4	46.6	25.6	7.9	6.3	6.3	17.8	9.1	4.0	4.0	6.5	10.7	9.0	9.7	27.4
		25.0	4x3/4	4x3/4	46.3	25.6	7.9	6.3	6.3	18.3	8.8	4.0	4.0	7.3	11.3	9.0	10.2	28.5
		30.0	4x3/4	4x3/4	46.3	25.6	7.9	6.3	6.3	18.3	8.8	4.0	4.0	7.3	11.3	9.0	10.2	28.5
		40.0	4x3/4	4x3/4	50.1	30.2	7.9	7.3	7.3	21.9	8.0	4.0	4.0	8.1	12.9	9.0	11.8	33.7
		50.0	4x3/4	4x3/4	50.1	30.2	7.9	7.3	7.3	21.9	8.0	4.0	4.0	8.1	12.9	9.0	11.8	33.7
		60.0	4x3/4	4x3/4	54.8	30.2	7.9	7.3	7.3	23.1	12.7	4.0	4.0	11.6	15.6	9.0	15.6	38.7
		75.0	4x3/4	4x3/4	54.8	30.2	7.9	7.3	7.3	23.1	12.7	4.0	4.0	11.6	15.6	9.0	15.6	38.7
	4.0	2.0	4x3/4	4x3/4	32.4	16.5	7.9	4.9	4.9	13.2	4.0	4.0	4.0	5.9	5.8	9.0	9.7	22.9
		3.0	4x3/4	4x3/4	34.8	16.5	7.9	4.9	4.9	14.1	6.4	4.0	4.0	5.9	7.5	9.0	9.7	23.7
		5.0	4x3/4	4x3/4	34.8	16.5	7.9	4.9	4.9	14.1	6.4	4.0	4.0	5.9	7.5	9.0	9.7	23.7
		7.5	4x3/4	4x3/4	38.7	16.5	7.9	4.9	4.9	13.7	10.3	4.0	4.0	5.9	8.3	9.0	9.7	23.3
		10.0	4x3/4	4x3/4	38.7	16.5	7.9	4.9	4.9	13.7	10.3	4.0	4.0	5.9	8.3	9.0	9.7	23.3
020-110	4.0	5.0	4x3/4	4x3/4	34.8	16.5	7.9	4.9	4.9	14.1	6.4	4.0	4.0	5.9	7.5	9.0	9.7	23.7
		7.5	4x3/4	4x3/4	38.7	16.5	7.9	4.9	4.9	13.7	10.3	4.0	4.0	5.9	8.3	9.0	9.7	23.3
		10.0	4x3/4	4x3/4	38.7	16.5	7.9	4.9	4.9	13.7	10.3	4.0	4.0	5.9	8.3	9.0	9.7	23.3
		15.0	4x3/4	4x3/4	43.9	25.6	7.9	6.3	6.3	17.8	6.4	4.0	4.0	5.9	10.7	9.0	9.7	27.4
		20.0	4x3/4	4x3/4	45.6	25.6	7.9	6.3	6.3	17.8	8.2	4.0	4.0	5.9	10.7	9.0	9.7	27.4
020-135	4.0	7.5	4x3/4	4x3/4	43.7	16.5	7.9	4.9	4.9	13.7	14.3	5.0	5.0	6.5	8.3	11.0	12.0	25.6
		10.0	4x3/4	4x3/4	43.7	16.5	7.9	4.9	4.9	13.7	14.3	5.0	5.0	6.5	8.3	11.0	12.0	25.6
		15.0	4x3/4	4x3/4	49.9	25.6	7.9	6.3	6.3	17.8	11.4	5.0	5.0	6.5	10.7	11.0	12.0	29.7
		20.0	4x3/4	4x3/4	51.6	25.6	7.9	6.3	6.3	17.8	13.2	5.0	5.0	6.5	10.7	11.0	12.0	29.7
		25.0	4x3/4	4x3/4	52.7	25.6	7.9	6.3	6.3	18.3	14.2	5.0	5.0	6.5	11.3	11.0	12.0	30.3
		30.0	4x3/4	4x3/4	52.7	25.6	7.9	6.3	6.3	18.3	14.2	5.0	5.0	6.5	11.3	11.0	12.0	30.3
025-070	2.0	7.5	4x3/4	4x3/4	38.7	16.5	7.9	4.9	4.9	13.7	10.3	4.0	4.0	7.7	8.3	8.0	9.6	23.3
		10.0	4x3/4	4x3/4	38.7	16.5	7.9	4.9	4.9	13.7	10.3	4.0	4.0	7.7	8.3	8.0	9.6	23.3
		15.0	4x3/4	4x3/4	43.9	25.6	7.9	6.3	6.3	17.8	6.4	4.0	4.0	7.7	10.7	8.0	9.7	27.4
		20.0	4x3/4	4x3/4	45.6	25.6	7.9	6.3	6.3	17.8	8.2	4.0	4.0	7.7	10.7	8.0	9.7	27.4
		25.0	4x3/4	4x3/4	45.3	25.6	7.9	6.3	6.3	18.3	7.8	4.0	4.0	7.5	11.3	8.0	10.4	28.7
		30.0	4x3/4	4x3/4	45.3	25.6	7.9	6.3	6.3	18.3	7.8	4.0	4.0	7.5	11.3	8.0	10.4	28.7
	4.0	1.5	4x3/4	4x3/4	30.7	16.5	7.9	4.9	4.9	13.2	2.3	4.0	4.0	7.1	5.8	8.0	9.6	22.8
		2.0	4x3/4	4x3/4	30.7	16.5	7.9	4.9	4.9	13.2	2.3	4.0	4.0	7.1	5.8	8.0	9.6	22.8
		3.0	4x3/4	4x3/4	33.7	16.5	7.9	4.9	4.9	14.1	5.3	4.0	4.0	7.1	7.5	8.0	9.6	23.7
		5.0	4x3/4	4x3/4	33.7	16.5	7.9	4.9	4.9	14.1	5.3	4.0	4.0	7.1	7.5	8.0	9.6	23.7
025-095	2.0	25.0	4x3/4	4x3/4	50.9	25.6	7.9	6.3	6.3	18.3	13.4	4.0	4.0	8.9	11.3	10.0	12.5	30.8
		30.0	4x3/4	4x3/4	50.9	25.6	7.9	6.3	6.3	18.3	13.4	4.0	4.0	8.9	11.3	10.0	12.5	30.8
		40.0	4x3/4	4x3/4	54.5	30.2	7.9	7.3	7.3	21.9	12.4	4.0	4.0	8.1	12.9	10.0	11.8	33.7
		50.0	4x3/4	4x3/4	54.5	30.2	7.9	7.3	7.3	21.9	12.4	4.0	4.0	8.1	12.9	10.0	11.8	33.7
		60.0	4x3/4	4x3/4	59.4	30.2	7.9	7.3	7.3	23.1	17.4	4.0	4.0	11.6	15.6	10.0	15.6	38.7
		75.0	4x3/4	4x3/4	59.4	30.2	7.9	7.3	7.3	23.1	17.4	4.0	4.0	11.6	15.6	10.0	15.6	38.7
	4.0	3.0	4x3/4	4x3/4	34.8	16.5	7.9	4.9	4.9	14.1	6.4	4.0	4.0	6.9	7.5	10.0	11.0	25.0
		5.0	4x3/4	4x3/4	34.8	16.5	7.9	4.9	4.9	14.1	6.4	4.0	4.0	6.9	7.5	10.0	11.0	25.0
		7.5	4x3/4	4x3/4	38.7	16.5	7.9	4.9	4.9	13.7	10.3	4.0	4.0	6.9	8.3	10.0	11.0	24.6
		10.0	4x3/4	4x3/4	38.7	16.5	7.9	4.9	4.9	13.7	10.3	4.0	4.0	6.9	8.3	10.0	11.0	24.6
025-110	4.0	7.5	4x3/4	4x3/4	43.7	16.5	7.9	4.9	4.9	13.7	14.3	5.0	5.0	8.1	8.3	11.0	12.1	25.8
		10.0	4x3/4	4x3/4	43.7	16.5	7.9	4.9	4.9	13.7	14.3	5.0	5.0	8.1	8.3	11.0	12.1	25.8
		15.0	4x3/4	4x3/4	48.7	25.6	7.9	6.3	6.3	17.8	10.2	5.0	5.0	8.1	10.7	11.0	12.1	29.9
		20.0	4x3/4	4x3/4	50.4	25.6	7.9	6.3	6.3	17.8	12.0	5.0	5.0	8.1	10.7	11.0	12.1	29.9

Pump size	Poles	P2 [hp]	SS	SD	L	V1	V2	V3	V4	AV	A3	A	A1	A2	AB	H2	H3	H4
030-070	2.0	15.0	8x3/4	4x3/4	43.9	25.6	7.9	6.3	6.3	17.8	6.4	4.0	4.0	7.7	10.7	9.0	9.7	27.4
		20.0	8x3/4	4x3/4	45.6	25.6	7.9	6.3	6.3	17.8	8.2	4.0	4.0	7.7	10.7	9.0	9.7	27.4
		25.0	8x3/4	4x3/4	45.3	25.6	7.9	6.3	6.3	18.3	7.8	4.0	4.0	7.5	11.3	9.0	10.4	28.7
		30.0	8x3/4	4x3/4	45.3	25.6	7.9	6.3	6.3	18.3	7.8	4.0	4.0	7.5	11.3	9.0	10.4	28.7
		40.0	8x3/4	4x3/4	48.8	30.2	7.9	7.3	7.3	21.9	6.8	4.0	4.0	8.9	12.9	9.0	12.2	34.2
		50.0	8x3/4	4x3/4	48.8	30.2	7.9	7.3	7.3	21.9	6.8	4.0	4.0	8.9	12.9	9.0	12.2	34.2
	4.0	1.5	8x3/4	4x3/4	30.7	16.5	7.9	4.9	4.9	13.2	2.3	4.0	4.0	7.1	5.8	9.0	9.6	22.8
		2.0	8x3/4	4x3/4	30.7	16.5	7.9	4.9	4.9	13.2	2.3	4.0	4.0	7.1	5.8	9.0	9.6	22.8
		3.0	8x3/4	4x3/4	33.7	16.5	7.9	4.9	4.9	14.1	5.3	4.0	4.0	7.1	7.5	9.0	9.6	23.7
		5.0	8x3/4	4x3/4	33.7	16.5	7.9	4.9	4.9	14.1	5.3	4.0	4.0	7.1	7.5	9.0	9.6	23.7
030-095	2.0	40.0	8x3/4	4x3/4	51.9	30.2	7.9	7.3	7.3	21.9	8.8	5.0	5.0	8.1	12.9	11.0	11.8	33.7
		50.0	8x3/4	4x3/4	51.9	30.2	7.9	7.3	7.3	21.9	8.8	5.0	5.0	8.1	12.9	11.0	11.8	33.7
		60.0	8x3/4	4x3/4	56.9	30.2	7.9	7.3	7.3	23.1	13.8	5.0	5.0	11.6	15.6	11.0	15.6	38.7
		75.0	8x3/4	4x3/4	56.9	30.2	7.9	7.3	7.3	23.1	13.8	5.0	5.0	11.6	15.6	11.0	15.6	38.7
	4.0	5.0	8x3/4	4x3/4	36.6	16.5	7.9	4.9	4.9	14.1	7.2	5.0	5.0	6.9	7.5	11.0	11.0	25.0
		7.5	8x3/4	4x3/4	40.5	16.5	7.9	4.9	4.9	13.7	11.1	5.0	5.0	6.9	8.3	11.0	11.0	24.6
		10.0	8x3/4	4x3/4	40.5	16.5	7.9	4.9	4.9	13.7	11.1	5.0	5.0	6.9	8.3	11.0	11.0	24.6
		15.0	8x3/4	4x3/4	45.7	25.6	7.9	6.3	6.3	17.8	7.2	5.0	5.0	7.5	10.7	11.0	11.7	29.5
		20.0	8x3/4	4x3/4	47.4	25.6	7.9	6.3	6.3	17.8	8.9	5.0	5.0	7.5	10.7	11.0	11.7	29.5
030-110	4.0	10.0	8x3/4	4x3/4	43.7	16.5	7.9	4.9	4.9	13.7	14.3	5.0	5.0	6.9	8.3	12.5	11.0	24.6
		15.0	8x3/4	4x3/4	50.1	25.6	7.9	6.3	6.3	17.8	11.6	5.0	5.0	7.5	10.7	12.5	11.7	29.5
		20.0	8x3/4	4x3/4	51.8	25.6	7.9	6.3	6.3	17.8	13.4	5.0	5.0	7.5	10.7	12.5	11.7	29.5
030-135	4.0	15.0	8x3/4	4x3/4	48.9	25.6	7.9	6.3	6.3	17.8	10.4	5.0	5.0	7.3	10.7	12.5	12.7	30.4
		20.0	8x3/4	4x3/4	50.6	25.6	7.9	6.3	6.3	17.8	12.2	5.0	5.0	7.3	10.7	12.5	12.7	30.4
		25.0	8x3/4	4x3/4	51.3	25.6	7.9	6.3	6.3	18.3	12.8	5.0	5.0	7.3	11.3	12.5	12.7	31.0
		30.0	8x3/4	4x3/4	51.3	25.6	7.9	6.3	6.3	18.3	12.8	5.0	5.0	7.3	11.3	12.5	12.7	31.0
		40.0	8x3/4	4x3/4	54.1	30.2	7.9	7.3	7.3	21.9	11.0	5.0	5.0	7.3	12.9	12.5	12.7	34.6
		50.0	8x3/4	4x3/4	54.1	30.2	7.9	7.3	7.3	21.9	11.0	5.0	5.0	7.3	12.9	12.5	12.7	34.6
040-070	2.0	20.0	8x7/8	8x3/4	47.6	25.6	7.9	6.3	6.3	17.8	9.1	5.0	5.0	7.5	10.7	10.0	10.2	27.9
		25.0	8x7/8	8x3/4	47.3	25.6	7.9	6.3	6.3	18.3	8.8	5.0	5.0	7.1	11.3	10.0	10.8	29.1
		30.0	8x7/8	8x3/4	47.3	25.6	7.9	6.3	6.3	18.3	8.8	5.0	5.0	7.1	11.3	10.0	10.8	29.1
		40.0	8x7/8	8x3/4	50.8	30.2	7.9	7.3	7.3	21.9	7.8	5.0	5.0	8.9	12.9	10.0	12.2	34.1
		50.0	8x7/8	8x3/4	50.8	30.2	7.9	7.3	7.3	21.9	7.8	5.0	5.0	8.9	12.9	10.0	12.2	34.1
	4.0	2.0	8x7/8	8x3/4	33.2	16.5	7.9	4.9	4.9	13.2	3.8	5.0	5.0	6.3	5.8	10.0	9.7	22.9
		3.0	8x7/8	8x3/4	35.8	16.5	7.9	4.9	4.9	14.1	6.4	5.0	5.0	6.3	7.5	10.0	9.7	23.7
		5.0	8x7/8	8x3/4	35.8	16.5	7.9	4.9	4.9	14.1	6.4	5.0	5.0	6.3	7.5	10.0	9.7	23.7
		7.5	8x7/8	8x3/4	39.7	16.5	7.9	4.9	4.9	13.7	10.3	5.0	5.0	6.3	8.3	10.0	9.7	23.3
		10.0	8x7/8	8x3/4	39.7	16.5	7.9	4.9	4.9	13.7	10.3	5.0	5.0	6.3	8.3	10.0	9.7	23.3
040-095	2.0	75.0	8x7/8	8x3/4	57.4	30.2	7.9	7.3	7.3	23.1	13.8	5.5	5.5	11.6	15.6	11.0	16.6	39.7
	4.0	7.5	8x7/8	8x3/4	40.5	16.5	7.9	4.9	4.9	13.7	10.6	5.5	5.5	6.9	8.3	11.0	12.0	25.6
		10.0	8x7/8	8x3/4	41.0	16.5	7.9	4.9	4.9	13.7	11.1	5.5	5.5	6.9	8.3	11.0	12.0	25.6
		15.0	8x7/8	8x3/4	46.2	25.6	7.9	6.3	6.3	17.8	7.2	5.5	5.5	6.9	10.7	11.0	12.0	29.7
		20.0	8x7/8	8x3/4	47.9	25.6	7.9	6.3	6.3	17.8	8.9	5.5	5.5	6.9	10.7	11.0	12.0	29.7
040-110	4.0	15.0	8x7/8	8x3/4	49.4	25.6	7.9	6.3	6.3	17.8	10.4	5.5	5.5	6.9	10.7	12.5	12.0	29.7
		20.0	8x7/8	8x3/4	51.1	25.6	7.9	6.3	6.3	17.8	12.2	5.5	5.5	6.9	10.7	12.5	12.0	29.7
		25.0	8x7/8	8x3/4	52.0	25.6	7.9	6.3	6.3	18.3	13.0	5.5	5.5	8.1	11.3	12.5	13.1	31.4
		30.0	8x7/8	8x3/4	52.0	25.6	7.9	6.3	6.3	18.3	13.0	5.5	5.5	8.1	11.3	12.5	13.1	31.4
040-135	4.0	20.0	8x7/8	8x3/4	51.1	25.6	7.9	6.3	6.3	17.8	12.2	5.5	5.5	7.3	10.7	12.5	12.7	30.4
		25.0	8x7/8	8x3/4	51.8	25.6	7.9	6.3	6.3	18.3	12.8	5.5	5.5	7.3	11.3	12.5	12.7	31.0
		30.0	8x7/8	8x3/4	51.8	25.6	7.9	6.3	6.3	18.3	12.8	5.5	5.5	7.3	11.3	12.5	12.7	31.0
		40.0	8x7/8	8x3/4	54.6	30.2	7.9	7.3	7.3	21.9	11.0	5.5	5.5	7.3	12.9	12.5	12.7	34.6
		50.0	8x7/8	8x3/4	54.6	30.2	7.9	7.3	7.3	21.9	11.0	5.5	5.5	7.3	12.9	12.5	12.7	34.6
040-150	4.0	50.0	8x7/8	8x3/4	56.6	30.2	7.9	7.3	7.3	21.9	13.0	5.5	5.5	10.8	12.9	14.0	16.1	38.0
		60.0	8x7/8	8x3/4	63.2	30.2	7.9	7.3	7.3	23.1	19.6	5.5	5.5	10.8	15.6	14.0	16.1	39.2
		75.0	8x7/8	8x3/4	64.2	30.2	7.9	7.3	7.3	23.1	20.6	5.5	5.5	10.8	15.6	14.0	16.1	39.2

Pump size	Poles	P2 [hp]	SS	SD	L	V1	V2	V3	V4	AV	A3	A	A1	A2	AB	H2	H3	H4
050-070	2.0	30.0	8x7/8	8x7/8	46.3	25.6	7.9	6.3	6.3	18.3	7.8	5.0	5.0	8.1	11.3	11.0	12.1	30.4
		40.0	8x7/8	8x7/8	49.8	30.2	7.9	7.3	7.3	21.9	6.8	5.0	5.0	8.9	12.9	11.0	12.2	34.1
		50.0	8x7/8	8x7/8	49.8	30.2	7.9	7.3	7.3	21.9	6.8	5.0	5.0	8.9	12.9	11.0	12.2	34.1
		60.0	8x7/8	8x7/8	54.8	30.2	7.9	7.3	7.3	23.1	11.8	5.0	5.0	11.6	15.6	11.0	15.6	38.7
		75.0	8x7/8	8x7/8	54.8	30.2	7.9	7.3	7.3	23.1	11.8	5.0	5.0	11.6	15.6	11.0	15.6	38.7
	4.0	3.0	8x7/8	8x7/8	35.8	16.5	7.9	4.9	4.9	14.1	6.4	5.0	5.0	8.1	7.5	11.0	12.1	26.2
		5.0	8x7/8	8x7/8	35.8	16.5	7.9	4.9	4.9	14.1	6.4	5.0	5.0	8.1	7.5	11.0	12.1	26.2
		7.5	8x7/8	8x7/8	39.7	16.5	7.9	4.9	4.9	13.7	10.3	5.0	5.0	8.1	8.3	11.0	12.1	25.8
		10.0	8x7/8	8x7/8	39.7	16.5	7.9	4.9	4.9	13.7	10.3	5.0	5.0	8.1	8.3	11.0	12.1	25.8
050-095	4.0	10.0	8x7/8	8x7/8	42.2	16.5	7.9	4.9	4.9	13.7	12.3	5.5	5.5	6.7	8.3	14.0	12.7	26.3
		15.0	8x7/8	8x7/8	47.4	25.6	7.9	6.3	6.3	17.8	8.5	5.5	5.5	6.7	10.7	14.0	12.7	30.4
		20.0	8x7/8	8x7/8	49.2	25.6	7.9	6.3	6.3	17.8	10.2	5.5	5.5	6.7	10.7	14.0	12.7	30.4
		25.0	8x7/8	8x7/8	49.6	25.6	7.9	6.3	6.3	18.3	10.6	5.5	5.5	6.7	11.3	14.0	12.7	31.0
		30.0	8x7/8	8x7/8	49.6	25.6	7.9	6.3	6.3	18.3	10.6	5.5	5.5	6.7	11.3	14.0	12.7	31.0
050-110	4.0	20.0	8x7/8	8x7/8	51.1	25.6	7.9	6.3	6.3	17.8	12.2	5.5	5.5	7.3	10.7	14.0	12.7	30.4
		25.0	8x7/8	8x7/8	51.8	25.6	7.9	6.3	6.3	18.3	12.8	5.5	5.5	7.3	11.3	14.0	12.7	31.0
		30.0	8x7/8	8x7/8	51.8	25.6	7.9	6.3	6.3	18.3	12.8	5.5	5.5	7.3	11.3	14.0	12.7	31.0
		40.0	8x7/8	8x7/8	54.6	30.2	7.9	7.3	7.3	21.9	11.0	5.5	5.5	7.3	12.9	14.0	12.7	34.6
		50.0	8x7/8	8x7/8	54.6	30.2	7.9	7.3	7.3	21.9	11.0	5.5	5.5	7.3	12.9	14.0	12.7	34.6
050-135	4.0	25.0	8x7/8	8x7/8	53.9	25.6	7.9	6.3	6.3	18.3	15.0	5.5	5.5	10.8	11.3	14.0	16.1	34.4
		30.0	8x7/8	8x7/8	53.9	25.6	7.9	6.3	6.3	18.3	15.0	5.5	5.5	10.8	11.3	14.0	16.1	34.4
		40.0	8x7/8	8x7/8	56.6	30.2	7.9	7.3	7.3	21.9	13.0	5.5	5.5	10.8	12.9	14.0	16.1	38.0
		50.0	8x7/8	8x7/8	56.6	30.2	7.9	7.3	7.3	21.9	13.0	5.5	5.5	10.8	12.9	14.0	16.1	38.0
		60.0	8x7/8	8x7/8	63.2	30.2	7.9	7.3	7.3	23.1	19.6	5.5	5.5	10.8	15.6	14.0	16.1	39.2
		75.0	8x7/8	8x7/8	64.2	30.2	7.9	7.3	7.3	23.1	20.6	5.5	5.5	10.8	15.6	14.0	16.1	39.2
060-095	4.0	20.0	8x7/8	8x7/8	49.7	25.6	7.9	6.3	6.3	17.8	10.0	6.3	6.3	10.8	10.7	14.8	16.1	33.9
		25.0	8x7/8	8x7/8	50.7	25.6	7.9	6.3	6.3	18.3	11.0	6.3	6.3	11.8	11.3	14.8	16.1	34.4
		30.0	8x7/8	8x7/8	50.7	25.6	7.9	6.3	6.3	18.3	11.0	6.3	6.3	11.8	11.3	14.8	16.1	34.4
		40.0	8x7/8	8x7/8	53.1	30.2	7.9	7.3	7.3	21.9	8.8	6.3	6.3	11.8	12.9	14.8	16.1	38.0
		50.0	8x7/8	8x7/8	53.1	30.2	7.9	7.3	7.3	21.9	8.8	6.3	6.3	11.8	12.9	14.8	16.1	38.0
060-110	4.0	30.0	8x7/8	8x7/8	54.7	25.6	7.9	6.3	6.3	18.3	15.0	6.3	6.3	10.8	11.3	14.8	16.1	34.4
		40.0	8x7/8	8x7/8	57.3	30.2	7.9	7.3	7.3	21.9	13.0	6.3	6.3	10.8	12.9	14.8	16.1	38.0
		50.0	8x7/8	8x7/8	57.3	30.2	7.9	7.3	7.3	21.9	13.0	6.3	6.3	10.8	12.9	14.8	16.1	38.0
		60.0	8x7/8	8x7/8	64.0	30.2	7.9	7.3	7.3	23.1	19.6	6.3	6.3	10.8	15.6	14.8	16.1	39.2
		75.0	8x7/8	8x7/8	64.0	30.2	7.9	7.3	7.3	23.1	19.6	6.3	6.3	10.8	15.6	14.8	16.1	39.2
080-135	4.0	60.0	12x1	8x7/8	64.3	30.2	7.9	7.3	7.3	23.1	20.0	6.3	6.3	9.8	15.6	14.0	18.3	41.4
		75.0	12x1	8x7/8	64.3	30.2	7.9	7.3	7.3	23.1	20.0	6.3	6.3	9.8	15.6	14.0	18.3	41.4

Dimensions in mm.

Pump size	Poles	P2 [hp]	SS	SD	L	V1	V2	V3	V4	AV	A3	A	A1	A2	AB	H2	H3	H4
012-070	2	3	4x19	4x16	834	420	200	124	124	357	135	79	79	160	190	178	201	558
		5	4x19	4x16	834	420	200	124	124	357	135	79	79	160	190	178	201	558
		7.5	4x19	4x16	934	420	200	124	124	347	234	79	79	160	210	178	203	550
		10	4x19	4x16	934	420	200	124	124	347	234	79	79	160	210	178	203	550
		15	4x19	4x16	1057	650	200	159	159	451	128	79	79	175	271	178	228	679
		20	4x19	4x16	1102	650	200	159	159	451	172	79	79	175	271	178	228	679
	4	1.5	4x19	4x16	757	420	200	124	124	335	57	79	79	145	147	178	201	536
		2	4x19	4x16	757	420	200	124	124	335	57	79	79	145	147	178	201	536

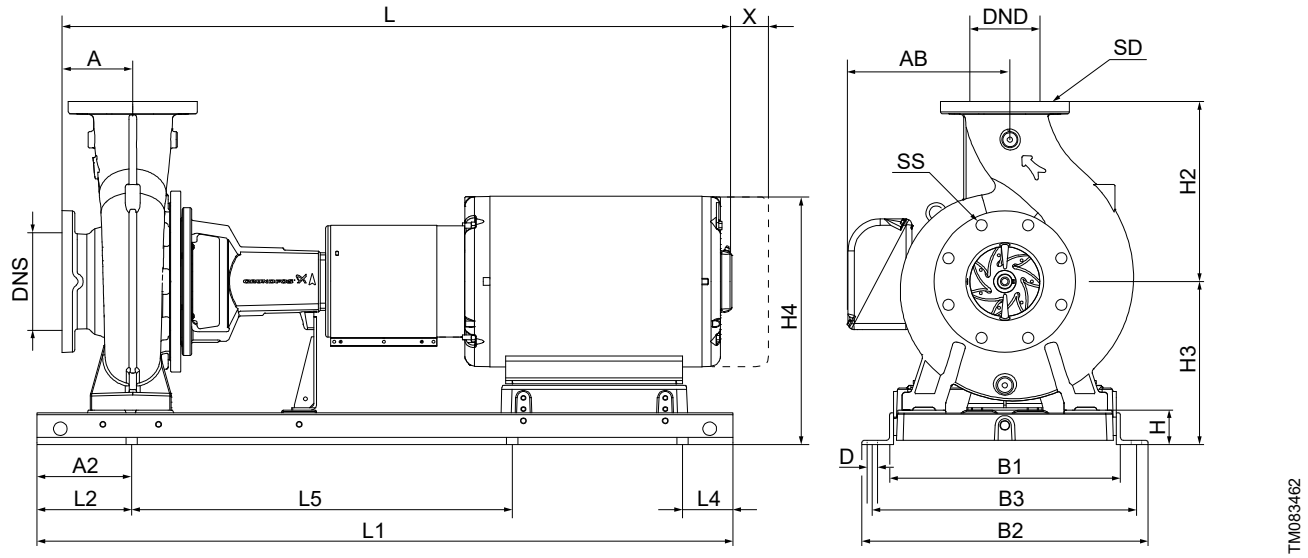
Pump size	Poles	P2 [hp]	SS	SD	L	V1	V2	V3	V4	AV	A3	A	A1	A2	AB	H2	H3	H4
015-070	2	5	4x19	4x16	861	420	200	124	124	357	162	79	79	160	190	178	201	558
		7.5	4x19	4x16	961	420	200	124	124	347	261	79	79	160	210	178	203	550
		10	4x19	4x16	961	420	200	124	124	347	261	79	79	160	210	178	203	550
		15	4x19	4x16	1092	650	200	159	159	451	163	79	79	175	271	178	228	679
		20	4x19	4x16	1137	650	200	159	159	451	207	79	79	175	271	178	228	679
	4	1.5	4x19	4x16	757	420	200	124	124	335	57	79	79	145	147	178	201	536
		2	4x19	4x16	757	420	200	124	124	335	57	79	79	145	147	178	201	536
		3	4x19	4x16	834	420	200	124	124	357	135	79	79	145	190	178	201	558
		5	4x19	4x16	834	420	200	124	124	357	135	79	79	145	190	178	201	558
015-090	2	15	4x19	4x16	1139	650	200	159	159	451	188	102	102	165	271	229	246	697
		20	4x19	4x16	1184	650	200	159	159	451	232	102	102	165	271	229	246	697
		25	4x19	4x16	1175	650	200	159	159	465	223	102	102	185	287	229	260	725
		30	4x19	4x16	1175	650	200	159	159	465	223	102	102	185	287	229	260	725
		40	4x19	4x16	1253	767	200	186	186	557	184	102	102	205	327	229	300	857
		50	4x19	4x16	1253	767	200	186	186	557	184	102	102	205	327	229	300	857
	4	1.5	4x19	4x16	823	420	200	124	124	335	101	102	102	150	147	229	246	581
		2	4x19	4x16	823	420	200	124	124	335	101	102	102	150	147	229	246	581
		3	4x19	4x16	884	420	200	124	124	357	162	102	102	150	190	229	246	603
		5	4x19	4x16	884	420	200	124	124	357	162	102	102	150	190	229	246	603
015-095	2	15	4x19	4x16	1139	650	200	159	159	451	188	102	102	165	271	229	246	697
		20	4x19	4x16	1184	650	200	159	159	451	232	102	102	165	271	229	246	697
		25	4x19	4x16	1175	650	200	159	159	465	223	102	102	185	287	229	260	725
		30	4x19	4x16	1175	650	200	159	159	465	223	102	102	185	287	229	260	725
		40	4x19	4x16	1253	767	200	186	186	557	184	102	102	205	327	229	300	857
		50	4x19	4x16	1253	767	200	186	186	557	184	102	102	205	327	229	300	857
	4	2	4x19	4x16	823	420	200	124	124	335	101	102	102	150	147	229	246	581
		3	4x19	4x16	884	420	200	124	124	357	162	102	102	150	190	229	246	603
		5	4x19	4x16	884	420	200	124	124	357	162	102	102	150	190	229	246	603
		7.5	4x19	4x16	983	420	200	124	124	347	261	102	102	150	210	229	246	593
		10	4x19	4x16	983	420	200	124	124	347	261	102	102	150	210	229	246	593
020-095	2	15	4x19	4x19	1139	650	200	159	159	451	188	102	102	165	271	229	246	697
		20	4x19	4x19	1184	650	200	159	159	451	232	102	102	165	271	229	246	697
		25	4x19	4x19	1175	650	200	159	159	465	223	102	102	185	287	229	260	725
		30	4x19	4x19	1175	650	200	159	159	465	223	102	102	185	287	229	260	725
		40	4x19	4x19	1273	767	200	186	186	557	204	102	102	205	327	229	300	857
		50	4x19	4x19	1273	767	200	186	186	557	204	102	102	205	327	229	300	857
		60	4x19	4x19	1391	767	200	186	186	587	323	102	102	295	395	229	396	983
		75	4x19	4x19	1391	767	200	186	186	587	323	102	102	295	395	229	396	983
	4	2	4x19	4x19	823	420	200	124	124	335	101	102	102	150	147	229	246	581
		3	4x19	4x19	884	420	200	124	124	357	162	102	102	150	190	229	246	603
		5	4x19	4x19	884	420	200	124	124	357	162	102	102	150	190	229	246	603
		7.5	4x19	4x19	983	420	200	124	124	347	261	102	102	150	210	229	246	593
		10	4x19	4x19	983	420	200	124	124	347	261	102	102	150	210	229	246	593
020-110	4	5	4x19	4x19	884	420	200	124	124	357	162	102	102	150	190	229	246	603
		7.5	4x19	4x19	983	420	200	124	124	347	261	102	102	150	210	229	246	593
		10	4x19	4x19	983	420	200	124	124	347	261	102	102	150	210	229	246	593
		15	4x19	4x19	1114	650	200	159	159	451	163	102	102	150	271	229	246	697
		20	4x19	4x19	1159	650	200	159	159	451	207	102	102	150	271	229	246	697
020-135	4	7.5	4x19	4x19	1110	420	200	124	124	347	363	127	127	165	210	279	304	651
		10	4x19	4x19	1110	420	200	124	124	347	363	127	127	165	210	279	304	651
		15	4x19	4x19	1267	650	200	159	159	451	290	127	127	165	271	279	304	755
		20	4x19	4x19	1312	650	200	159	159	451	335	127	127	165	271	279	304	755
		25	4x19	4x19	1337	650	200	159	159	465	360	127	127	165	287	279	304	769
		30	4x19	4x19	1337	650	200	159	159	465	360	127	127	165	287	279	304	769

Pump size	Poles	P2 [hp]	SS	SD	L	V1	V2	V3	V4	AV	A3	A	A1	A2	AB	H2	H3	H4
025-070	2	7.5	4x19	4x19	983	420	200	124	124	347	261	102	102	195	210	203	244	591
		10	4x19	4x19	983	420	200	124	124	347	261	102	102	195	210	203	244	591
		15	4x19	4x19	1115	650	200	159	159	451	163	102	102	195	271	203	246	697
		20	4x19	4x19	1159	650	200	159	159	451	207	102	102	195	271	203	246	697
		25	4x19	4x19	1150	650	200	159	159	465	199	102	102	190	287	203	265	730
		30	4x19	4x19	1150	650	200	159	159	465	199	102	102	190	287	203	265	730
	4	1.5	4x19	4x19	779	420	200	124	124	335	57	102	102	180	147	203	244	579
		2	4x19	4x19	779	420	200	124	124	335	57	102	102	180	147	203	244	579
		3	4x19	4x19	857	420	200	124	124	357	135	102	102	180	190	203	244	601
		5	4x19	4x19	857	420	200	124	124	357	135	102	102	180	190	203	244	601
025-095	2	25	4x19	4x19	1292	650	200	159	159	465	341	102	102	225	287	254	318	783
		30	4x19	4x19	1292	650	200	159	159	465	341	102	102	225	287	254	318	783
		40	4x19	4x19	1383	767	200	186	186	557	315	102	102	205	327	254	300	857
		50	4x19	4x19	1383	767	200	186	186	557	315	102	102	205	327	254	300	857
		60	4x19	4x19	1510	767	200	186	186	587	441	102	102	295	395	254	395	982
		75	4x19	4x19	1510	767	200	186	186	587	441	102	102	295	395	254	395	982
	4	3	4x19	4x19	884	420	200	124	124	357	162	102	102	175	190	254	278	635
		5	4x19	4x19	884	420	200	124	124	357	162	102	102	175	190	254	278	635
		7.5	4x19	4x19	983	420	200	124	124	347	261	102	102	175	210	254	278	625
		10	4x19	4x19	983	420	200	124	124	347	261	102	102	175	210	254	278	625
025-110	4	7.5	4x19	4x19	1110	420	200	124	124	347	363	127	127	205	210	279	308	655
		10	4x19	4x19	1110	420	200	124	124	347	363	127	127	205	210	279	308	655
		15	4x19	4x19	1237	650	200	159	159	451	260	127	127	205	271	279	308	759
		20	4x19	4x19	1281	650	200	159	159	451	304	127	127	205	271	279	308	759
030-070	2	15	8x19	4x19	1114	650	200	159	159	451	163	102	102	195	271	229	246	697
		20	8x19	4x19	1159	650	200	159	159	451	207	102	102	195	271	229	246	697
		25	8x19	4x19	1150	650	200	159	159	465	198	102	102	190	287	229	265	730
		30	8x19	4x19	1150	650	200	159	159	465	198	102	102	190	287	229	265	730
		40	8x19	4x19	1241	767	200	186	186	557	172	102	102	225	327	229	311	868
		50	8x19	4x19	1241	767	200	186	186	557	172	102	102	225	327	229	311	868
	4	1.5	8x19	4x19	779	420	200	124	124	335	57	102	102	180	147	229	244	579
		2	8x19	4x19	779	420	200	124	124	335	57	102	102	180	147	229	244	579
		3	8x19	4x19	857	420	200	124	124	357	135	102	102	180	190	229	244	601
		5	8x19	4x19	857	420	200	124	124	357	135	102	102	180	190	229	244	601
030-095	2	40	8x19	4x19	1318	767	200	186	186	557	224	127	127	205	327	279	300	857
		50	8x19	4x19	1318	767	200	186	186	557	224	127	127	205	327	279	300	857
		60	8x19	4x19	1445	767	200	186	186	587	351	127	127	295	395	279	395	982
		75	8x19	4x19	1445	767	200	186	186	587	351	127	127	295	395	279	395	982
	4	5	8x19	4x19	929	420	200	124	124	357	182	127	127	175	190	279	278	635
		7.5	8x19	4x19	1028	420	200	124	124	347	281	127	127	175	210	279	278	625
		10	8x19	4x19	1028	420	200	124	124	347	281	127	127	175	210	279	278	625
		15	8x19	4x19	1160	650	200	159	159	451	183	127	127	190	271	279	298	749
		20	8x19	4x19	1204	650	200	159	159	451	227	127	127	190	271	279	298	749
030-110	4	10	8x19	4x19	1110	420	200	124	124	347	363	127	127	175	210	318	278	625
		15	8x19	4x19	1272	650	200	159	159	451	295	127	127	190	271	318	298	749
		20	8x19	4x19	1317	650	200	159	159	451	340	127	127	190	271	318	298	749
030-135	4	15	8x19	4x19	1242	650	200	159	159	451	265	127	127	185	271	318	322	773
		20	8x19	4x19	1286	650	200	159	159	451	309	127	127	185	271	318	322	773
		25	8x19	4x19	1302	650	200	159	159	465	325	127	127	185	287	318	322	787
		30	8x19	4x19	1302	650	200	159	159	465	325	127	127	185	287	318	322	787
		40	8x19	4x19	1374	767	200	186	186	557	280	127	127	185	327	318	322	879
		50	8x19	4x19	1374	767	200	186	186	557	280	127	127	185	327	318	322	879

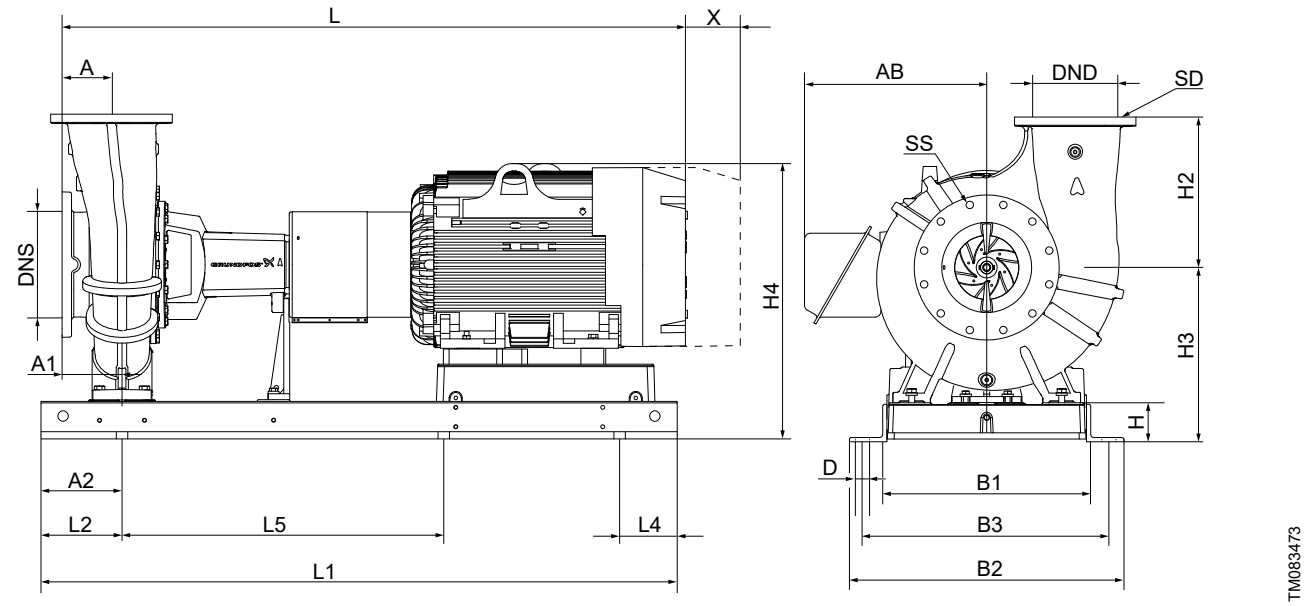
Pump size	Poles	P2 [hp]	SS	SD	L	V1	V2	V3	V4	AV	A3	A	A1	A2	AB	H2	H3	H4
040-070	2	20	8x22.3	8x19	1209	650	200	159	159	451	232	127	127	190	271	254	259	710
		25	8x22.3	8x19	1200	650	200	159	159	465	223	127	127	180	287	254	275	740
		30	8x22.3	8x19	1200	650	200	159	159	465	223	127	127	180	287	254	275	740
		40	8x22.3	8x19	1291	767	200	186	186	557	197	127	127	225	327	254	310	867
		50	8x22.3	8x19	1291	767	200	186	186	557	197	127	127	225	327	254	310	867
	4	2	8x22.3	8x19	843	420	200	124	124	335	96	127	127	160	147	254	246	581
		3	8x22.3	8x19	909	420	200	124	124	357	162	127	127	160	190	254	246	603
		5	8x22.3	8x19	909	420	200	124	124	357	162	127	127	160	190	254	246	603
		7.5	8x22.3	8x19	1008	420	200	124	124	347	261	127	127	160	210	254	246	593
		10	8x22.3	8x19	1008	420	200	124	124	347	261	127	127	160	210	254	246	593
040-095	2	75	8x22.3	8x19	1457	767	200	186	186	587	351	140	140	295	395	279	421	1008
	4	7.5	8x22.3	8x19	1030	420	200	124	124	347	270	140	140	175	210	279	304	651
		10	8x22.3	8x19	1041	420	200	124	124	347	281	140	140	175	210	279	304	651
		15	8x22.3	8x19	1173	650	200	159	159	451	183	140	140	175	271	279	304	755
		20	8x22.3	8x19	1217	650	200	159	159	451	227	140	140	175	271	279	304	755
040-110	4	15	8x22.3	8x19	1255	650	200	159	159	451	265	140	140	175	271	318	304	755
		20	8x22.3	8x19	1299	650	200	159	159	451	309	140	140	175	271	318	304	755
		25	8x22.3	8x19	1320	650	200	159	159	465	330	140	140	205	287	318	334	799
		30	8x22.3	8x19	1320	650	200	159	159	465	330	140	140	205	287	318	334	799
040-135	4	20	8x22.3	8x19	1299	650	200	159	159	451	309	140	140	185	271	318	322	773
		25	8x22.3	8x19	1315	650	200	159	159	465	325	140	140	185	287	318	322	787
		30	8x22.3	8x19	1315	650	200	159	159	465	325	140	140	185	287	318	322	787
		40	8x22.3	8x19	1387	767	200	186	186	557	280	140	140	185	327	318	322	879
		50	8x22.3	8x19	1387	767	200	186	186	557	280	140	140	185	327	318	322	879
040-150	4	50	8x22.3	8x19	1437	767	200	186	186	557	330	140	140	275	327	356	409	966
		60	8x22.3	8x19	1605	767	200	186	186	587	499	140	140	275	395	356	409	996
		75	8x22.3	8x19	1630	767	200	186	186	587	524	140	140	275	395	356	409	996
050-070	2	30	8x22.3	8x22.3	1175	650	200	159	159	465	198	127	127	205	287	279	308	773
		40	8x22.3	8x22.3	1266	767	200	186	186	557	172	127	127	225	327	279	310	867
		50	8x22.3	8x22.3	1266	767	200	186	186	557	172	127	127	225	327	279	310	867
		60	8x22.3	8x22.3	1393	767	200	186	186	587	299	127	127	295	395	279	395	982
		75	8x22.3	8x22.3	1393	767	200	186	186	587	299	127	127	295	395	279	395	982
	4	3	8x22.3	8x22.3	909	420	200	124	124	357	162	127	127	205	190	279	308	665
		5	8x22.3	8x22.3	909	420	200	124	124	357	162	127	127	205	190	279	308	665
		7.5	8x22.3	8x22.3	1008	420	200	124	124	347	261	127	127	205	210	279	308	655
		10	8x22.3	8x22.3	1008	420	200	124	124	347	261	127	127	205	210	279	308	655
050-095	4	10	8x22.3	8x22.3	1073	420	200	124	124	347	313	140	140	170	210	356	322	669
		15	8x22.3	8x22.3	1205	650	200	159	159	451	215	140	140	170	271	356	322	773
		20	8x22.3	8x22.3	1249	650	200	159	159	451	259	140	140	170	271	356	322	773
		25	8x22.3	8x22.3	1259	650	200	159	159	465	269	140	140	170	287	356	322	787
		30	8x22.3	8x22.3	1259	650	200	159	159	465	269	140	140	170	287	356	322	787
050-110	4	20	8x22.3	8x22.3	1299	650	200	159	159	451	309	140	140	185	271	356	322	773
		25	8x22.3	8x22.3	1315	650	200	159	159	465	325	140	140	185	287	356	322	787
		30	8x22.3	8x22.3	1315	650	200	159	159	465	325	140	140	185	287	356	322	787
		40	8x22.3	8x22.3	1387	767	200	186	186	557	280	140	140	185	327	356	322	879
		50	8x22.3	8x22.3	1387	767	200	186	186	557	280	140	140	185	327	356	322	879
050-135	4	25	8x22.3	8x22.3	1370	650	200	159	159	465	380	140	140	275	287	356	409	874
		30	8x22.3	8x22.3	1370	650	200	159	159	465	380	140	140	275	287	356	409	874
		40	8x22.3	8x22.3	1437	767	200	186	186	557	330	140	140	275	327	356	409	966
		50	8x22.3	8x22.3	1437	767	200	186	186	557	330	140	140	275	327	356	409	966
		60	8x22.3	8x22.3	1605	767	200	186	186	587	499	140	140	275	395	356	409	996
		75	8x22.3	8x22.3	1630	767	200	186	186	587	524	140	140	275	395	356	409	996

Pump size	Poles	P2 [hp]	SS	SD	L	V1	V2	V3	V4	AV	A3	A	A1	A2	AB	H2	H3	H4
060-095	4	20	8x22.3	8x22.3	1263	650	200	159	159	451	254	159	159	275	271	375	409	860
		25	8x22.3	8x22.3	1289	650	200	159	159	465	280	159	159	300	287	375	409	874
		30	8x22.3	8x22.3	1289	650	200	159	159	465	280	159	159	300	287	375	409	874
		40	8x22.3	8x22.3	1350	767	200	186	186	557	224	159	159	300	327	375	409	966
		50	8x22.3	8x22.3	1350	767	200	186	186	557	224	159	159	300	327	375	409	966
060-110	4	30	8x22.3	8x22.3	1389	650	200	159	159	465	380	159	159	275	287	375	409	874
		40	8x22.3	8x22.3	1456	767	200	186	186	557	330	159	159	275	327	375	409	966
		50	8x22.3	8x22.3	1456	767	200	186	186	557	330	159	159	275	327	375	409	966
		60	8x22.3	8x22.3	1624	767	200	186	186	587	499	159	159	275	395	375	409	996
		75	8x22.3	8x22.3	1624	767	200	186	186	587	499	159	159	275	395	375	409	996
080-135	4	60	12x25.4	8x22.3	1633	767	200	186	186	587	508	159	159	250	395	356	465	1052
		75	12x25.4	8x22.3	1633	767	200	186	186	587	508	159	159	250	395	356	465	1052

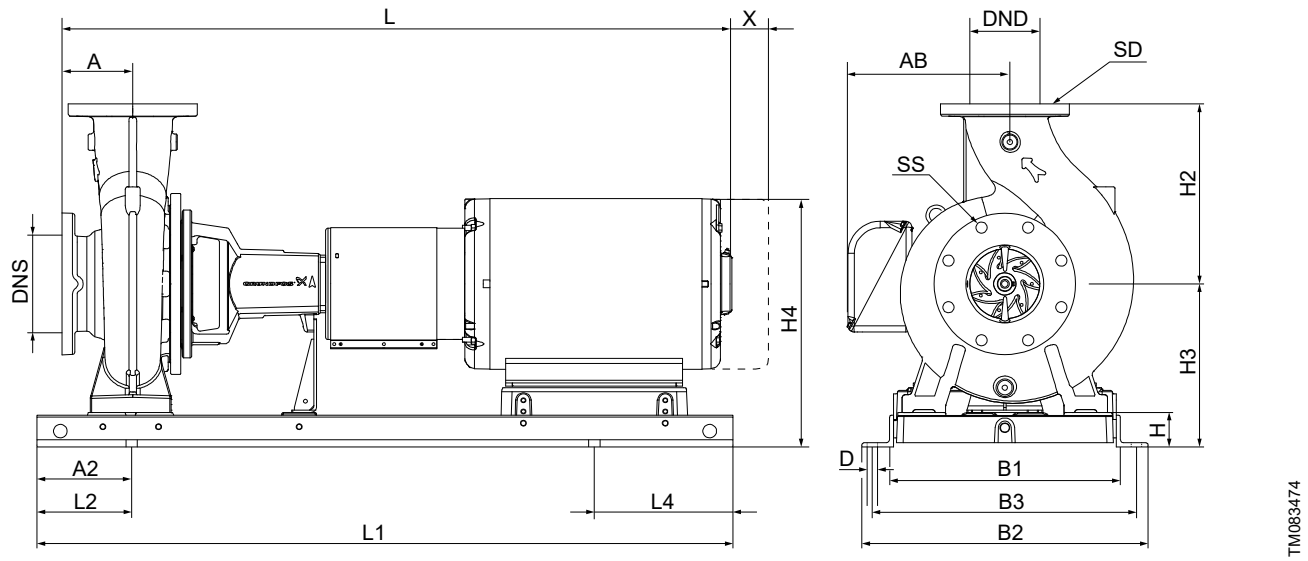
NK, dimensional drawings



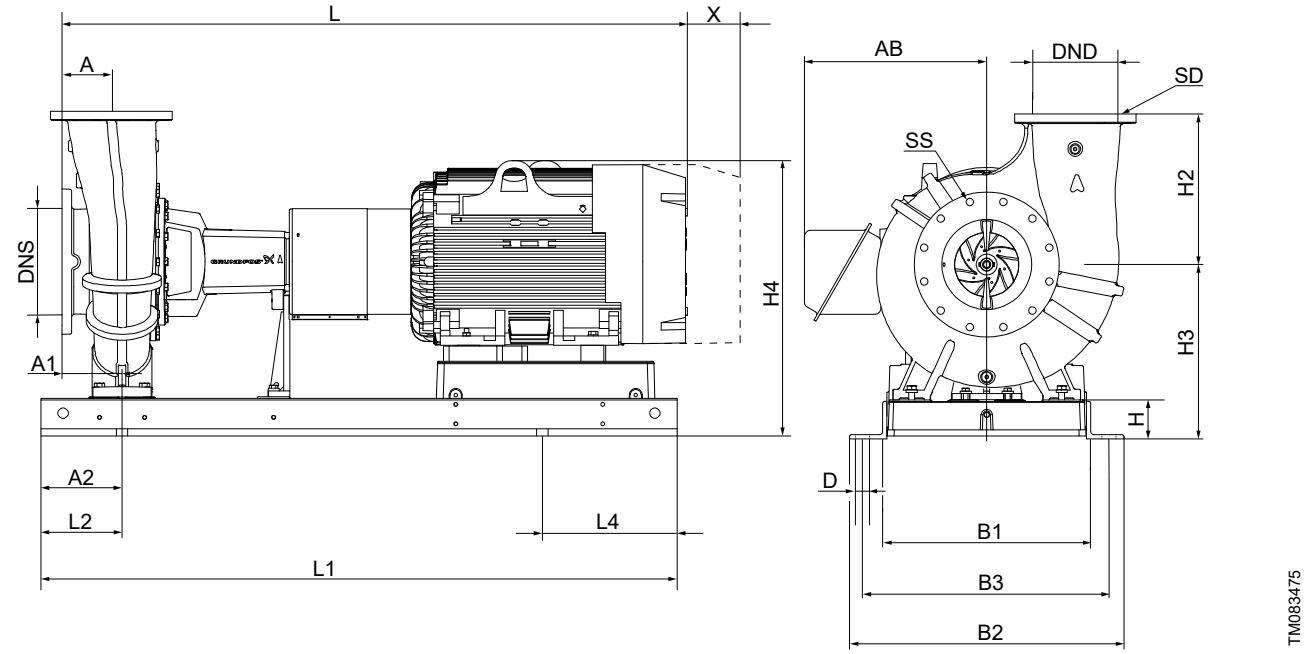
NK, center-line outlet, 6 mounting holes



NK, tangential outlet, 6 mounting holes



NK, center-line outlet, 4 mounting holes



NK, tangential outlet, 4 mounting holes

Dimensions for NK pumps with TEFC motors and standard coupling

For more dimensions, see Section *12.1 NK, center-line outlet*.

Dimensions in inch.

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [inch]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
012-070	2	3	150/300	2.0	1.3	4x3/4	8x3/4	4x5/8	4x3/4	3.1	3.1	6.3	6.9	7.0	7.9	11.5	33.5	579
		5	150/300	2.0	1.3	4x3/4	8x3/4	4x5/8	4x3/4	3.1	3.1	6.3	6.9	7.0	7.9	12.2	35.0	579
		7.5	150/300	2.0	1.3	4x3/4	8x3/4	4x5/8	4x3/4	3.1	3.1	6.3	8.0	7.0	8.0	13.2	36.4	580
		7.5	150/300	2.0	1.3	4x3/4	8x3/4	4x5/8	4x3/4	3.1	3.1	6.3	8.0	7.0	8.0	13.2	36.4	580
		10	150/300	2.0	1.3	4x3/4	8x3/4	4x5/8	4x3/4	3.1	3.1	6.3	8.0	7.0	8.0	13.2	37.9	580
		15	150/300	2.0	1.3	4x3/4	8x3/4	4x5/8	4x3/4	3.1	3.1	6.9	10.2	7.0	9.0	15.6	40.6	584
		15	150/300	2.0	1.3	4x3/4	8x3/4	4x5/8	4x3/4	3.1	3.1	6.9	10.2	7.0	9.0	15.6	40.6	584
	4	0.5	150/300	2.0	1.3	4x3/4	8x3/4	4x5/8	4x3/4	3.1	3.1	5.7	5.7	7.0	7.9	11.5	28.7	576
		0.75	150/300	2.0	1.3	4x3/4	8x3/4	4x5/8	4x3/4	3.1	3.1	5.7	5.7	7.0	7.9	11.5	28.7	576
		1	150/300	2.0	1.3	4x3/4	8x3/4	4x5/8	4x3/4	3.1	3.1	5.7	5.7	7.0	7.9	11.5	28.7	576
		1.5	150/300	2.0	1.3	4x3/4	8x3/4	4x5/8	4x3/4	3.1	3.1	5.7	5.7	7.0	7.9	11.5	29.7	576
015-070	2	5	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	3.1	3.1	6.3	6.9	7.0	7.9	12.2	36.1	579
		7.5	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	3.1	3.1	6.3	8.0	7.0	8.0	13.2	37.5	580
		10	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	3.1	3.1	6.3	8.0	7.0	8.0	13.2	39.0	580
		15	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	3.1	3.1	6.9	10.2	7.0	9.0	15.6	42.0	585
		20	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	3.1	3.1	6.9	10.2	7.0	9.0	15.6	42.0	585
	4	0.75	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	3.1	3.1	5.7	5.7	7.0	7.9	11.5	28.7	576
		1	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	3.1	3.1	5.7	5.7	7.0	7.9	11.5	28.7	576
		1.5	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	3.1	3.1	5.7	5.7	7.0	7.9	11.5	29.7	576
		2	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	3.1	3.1	5.7	5.7	7.0	7.9	11.5	29.7	576
		3	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	3.1	3.1	5.7	6.9	7.0	7.9	11.5	33.5	577
015-090	2	15	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	6.5	10.2	9.0	9.7	16.3	42.9	592
		20	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	6.5	10.2	9.0	9.7	16.3	42.9	592
		25	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	7.3	12.2	9.0	10.2	16.9	44.3	593
		30	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	7.3	12.2	9.0	10.2	16.9	44.3	593
		40	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	8.1	13.8	9.0	11.8	19.2	47.7	608
	4	1.5	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	5.9	5.7	9.0	9.7	13.3	32.3	588
		2	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	5.9	5.7	9.0	9.7	13.3	32.3	588
		3	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	5.9	6.9	9.0	9.7	13.3	35.4	589
		5	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	5.9	6.9	9.0	9.7	14.0	36.9	589
015-095	2	15	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	6.5	10.2	9.0	9.7	16.3	42.9	592
		20	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	6.5	10.2	9.0	9.7	16.3	42.9	592
		25	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	7.3	12.2	9.0	10.2	16.9	44.3	593
		30	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	7.3	12.2	9.0	10.2	16.9	44.3	593
		40	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	8.1	13.8	9.0	11.8	19.2	47.7	608
		50	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	8.1	14.7	9.0	11.8	20.0	47.6	608
	4	2	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	5.9	5.7	9.0	9.7	13.3	32.3	588
		3	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	5.9	6.9	9.0	9.7	13.3	35.4	589
		5	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	5.9	6.9	9.0	9.7	14.0	36.9	589
		7.5	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	5.9	8.0	9.0	9.7	14.8	38.3	590

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [inch]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
020-095	2	15	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	6.5	10.2	9.0	9.7	16.3	43.9	592
		20	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	6.5	10.2	9.0	9.7	16.3	43.9	592
		25	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	7.3	12.2	9.0	10.2	16.9	45.3	593
		30	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	7.3	12.2	9.0	10.2	16.9	45.3	593
		40	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	8.1	13.8	9.0	11.8	19.2	49.5	608
		50	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	8.1	14.7	9.0	11.8	20.0	49.4	608
		60	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	11.6	18.1	9.0	15.6	25.7	52.1	642
		60	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	11.6	18.1	9.0	15.6	25.7	52.1	642
	4	2	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	5.9	5.7	9.0	9.7	13.3	32.3	588
		3	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	5.9	6.9	9.0	9.7	13.3	35.4	589
		5	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	5.9	6.9	9.0	9.7	14.0	36.9	589
		7.5	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	5.9	8.0	9.0	9.7	14.8	38.3	590
020-110	4	5	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	5.9	6.9	9.0	9.7	14.0	36.9	589
		7.5	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	5.9	8.0	9.0	9.7	14.8	38.3	590
		10	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	5.9	8.0	9.0	9.7	14.8	39.8	590
		15	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	5.9	10.2	9.0	9.7	16.3	42.9	594
020-135	4	7.5	150/300	3.2	2.0	4x3/4	8x7/8	4x3/4	8x3/4	5.0	5.0	6.5	8.0	11.0	12.0	17.1	43.4	599
		10	150/300	3.2	2.0	4x3/4	8x7/8	4x3/4	8x3/4	5.0	5.0	6.5	8.0	11.0	12.0	17.1	44.9	599
		15	150/300	3.2	2.0	4x3/4	8x7/8	4x3/4	8x3/4	5.0	5.0	6.5	10.2	11.0	12.0	18.6	47.7	600
		20	150/300	3.2	2.0	4x3/4	8x7/8	4x3/4	8x3/4	5.0	5.0	6.5	10.2	11.0	12.0	18.6	47.7	600
		25	150/300	3.2	2.0	4x3/4	8x7/8	4x3/4	8x3/4	5.0	5.0	6.5	13.1	11.0	12.0	19.4	52.1	601
025-070	2	7.5	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.7	8.0	8.0	9.6	14.7	38.3	583
		10	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.7	8.0	8.0	9.6	14.7	39.8	583
		15	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.7	10.2	8.0	9.7	16.3	42.9	586
		20	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.7	10.2	8.0	9.7	16.3	42.9	586
		25	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.5	12.2	8.0	10.4	17.1	44.3	587
		30	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.5	12.2	8.0	10.4	17.1	44.3	587
	4	1	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.1	5.7	8.0	9.6	13.2	29.6	581
		1.5	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.1	5.7	8.0	9.6	13.2	30.6	581
		2	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.1	5.7	8.0	9.6	13.2	30.6	581
		3	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.1	6.9	8.0	9.6	13.2	34.4	582
		5	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.1	6.9	8.0	9.6	13.9	35.9	582
025-095	2	25	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	8.9	12.2	10.0	12.5	19.2	45.5	624
		30	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	8.9	12.2	10.0	12.5	19.2	45.5	624
		40	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	8.1	13.8	10.0	11.8	19.3	49.5	625
		50	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	8.1	14.7	10.0	11.8	20.1	49.4	625
		60	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	11.6	18.1	10.0	15.6	25.7	52.4	643
		75	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	11.6	18.1	10.0	15.6	25.7	52.4	643
		75	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	11.6	18.1	10.0	15.6	25.7	52.4	643
	4	3	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	6.9	6.9	10.0	11.0	14.6	35.4	612
		5	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	6.9	6.9	10.0	11.0	15.3	37.9	612
		7.5	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	6.9	8.0	10.0	11.0	16.1	39.3	613
		10	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	6.9	8.0	10.0	11.0	16.1	40.8	613
	6	1	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	6.7	5.7	10.0	10.7	14.3	32.3	611
		1.5	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	6.9	6.9	10.0	11.0	14.6	35.4	612
		2	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	6.9	6.9	10.0	11.0	15.3	37.9	612
		3	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	6.9	8.0	10.0	11.0	16.1	39.3	613

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [inch]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
025-110	4	7.5	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	8.1	8.0	11.0	12.1	17.3	43.4	609
		10	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	8.1	8.0	11.0	12.1	17.3	44.9	609
		15	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	8.1	10.2	11.0	12.1	18.8	47.7	610
	6	2	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	8.1	6.9	11.0	12.1	16.4	42.0	609
		3	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	8.1	8.0	11.0	12.1	17.3	43.4	609
		5	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	8.1	8.0	11.0	12.1	17.3	44.9	609
030-070	2	15	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.7	10.2	9.0	9.7	16.3	42.9	586
		20	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.7	10.2	9.0	9.7	16.3	42.9	586
		25	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.5	12.2	9.0	10.4	17.1	44.3	587
		30	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.5	12.2	9.0	10.4	17.1	44.3	587
		40	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	8.9	13.8	9.0	12.2	19.7	48.3	604
	4	1.5	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.1	5.7	9.0	9.6	13.2	30.6	581
		2	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.1	5.7	9.0	9.6	13.2	30.6	581
		3	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.1	6.9	9.0	9.6	13.2	34.4	582
		5	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.1	6.9	9.0	9.6	13.9	35.9	582
030-095	2	40	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	8.1	13.8	11.0	11.8	19.3	51.3	627
		50	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	8.1	14.7	11.0	11.8	20.1	51.2	627
		60	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	11.6	18.1	11.0	15.6	25.7	54.2	644
		75	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	11.6	18.1	11.0	15.6	25.7	54.2	644
		100	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	10.8	19.4	11.0	15.2	27.1	58.4	645
		125	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	11.4	22.7	11.0	16.8	30.0	64.7	653
	4	5	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	6.9	6.9	11.0	11.0	15.3	39.7	614
		7.5	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	6.9	8.0	11.0	11.0	16.1	41.1	615
		10	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	6.9	8.0	11.0	11.0	16.1	41.6	615
		15	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.5	10.2	11.0	11.7	18.4	44.7	616
	6	1.5	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	6.9	6.9	11.0	11.0	14.6	38.2	614
		2	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	6.9	6.9	11.0	11.0	15.3	39.7	614
		3	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	6.9	8.0	11.0	11.0	16.1	41.1	615
		5	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	6.9	8.0	11.0	11.0	16.1	41.6	615
030-110	4	10	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	6.9	8.0	12.5	11.0	16.1	46.0	629
		15	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.5	10.2	12.5	11.7	18.4	49.1	630
		20	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.5	10.2	12.5	11.7	18.4	49.1	630
	6	3	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	6.9	8.0	12.5	11.0	16.1	43.4	629
		5	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	6.9	8.0	12.5	11.0	16.1	46.0	629
		7.5	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.5	10.2	12.5	11.7	18.4	49.1	630
030-135	4	15	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.3	10.2	12.5	12.7	19.3	47.9	635
		20	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.3	10.2	12.5	12.7	19.3	49.1	635
		25	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.3	13.1	12.5	12.7	20.1	53.1	635
		30	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.3	13.1	12.5	12.7	20.1	53.1	635
		40	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.3	14.6	12.5	12.7	20.9	56.0	636
	6	5	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	6.9	8.0	12.5	13.0	18.1	44.9	634
		7.5	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.3	10.2	12.5	12.7	19.3	49.1	635
		10	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.3	10.2	12.5	12.7	19.3	49.1	635
		15	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.3	13.1	12.5	12.7	20.1	53.1	635

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [inch]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
040-070	2	20	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	7.5	10.2	10.0	10.2	16.8	43.9	597
		25	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	7.1	12.2	10.0	10.8	17.5	45.3	598
		30	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	7.1	12.2	10.0	10.8	17.5	45.3	598
		40	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	8.9	13.8	10.0	12.2	19.6	49.3	605
		50	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	8.9	14.7	10.0	12.2	20.4	49.2	605
	4	2	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	6.3	5.7	10.0	9.7	13.3	33.1	595
		3	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	6.3	6.9	10.0	9.7	13.3	36.4	596
		5	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	6.3	6.9	10.0	9.7	14.0	37.9	596
		7.5	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	6.3	8.0	10.0	9.7	14.8	39.3	596
	6	0.75	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	6.3	5.7	10.0	9.7	13.3	32.1	595
		1	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	6.3	5.7	10.0	9.7	13.3	33.1	595
		1.5	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	6.3	6.9	10.0	9.7	13.3	36.4	596
		2	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	6.3	6.9	10.0	9.7	14.0	37.9	596
040-095	2	60	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	11.6	18.1	11.0	15.6	25.7	54.7	644
		75	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	11.6	18.1	11.0	15.6	25.7	54.7	644
		100	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	10.8	19.4	11.0	15.2	27.1	58.9	645
		125	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	11.4	22.7	11.0	16.8	30.0	65.2	653
		150	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	11.4	22.7	11.0	16.8	30.0	65.2	653
	4	7.5	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	8.0	11.0	12.0	17.1	40.2	618
		10	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	8.0	11.0	12.0	17.1	42.1	619
		15	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	10.2	11.0	12.0	18.6	45.2	620
		20	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	10.2	11.0	12.0	18.6	45.2	620
	6	2	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	6.9	11.0	12.0	16.3	39.2	617
		3	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	8.0	11.0	12.0	17.1	40.2	618
		5	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	8.0	11.0	12.0	17.1	42.1	619
		7.5	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	10.2	11.0	12.0	18.6	45.2	620
040-110	4	15	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	10.2	12.5	12.0	18.6	49.6	632
		20	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	10.2	12.5	12.0	18.6	49.6	632
		25	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	8.1	13.1	12.5	13.1	20.6	53.8	633
		30	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	8.1	13.1	12.5	13.1	20.6	53.8	633
	6	3	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	8.0	12.5	12.0	17.1	45.0	631
		5	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	8.0	12.5	12.0	17.1	46.5	631
		7.5	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	10.2	12.5	12.0	18.6	49.6	632
		10	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	10.2	12.5	12.0	18.6	49.6	632
040-135	4	20	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	7.3	10.2	12.5	12.7	19.3	49.6	635
		25	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	7.3	13.1	12.5	12.7	20.1	53.6	635
		30	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	7.3	13.1	12.5	12.7	20.1	52.4	635
		40	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	7.3	14.6	12.5	12.7	20.9	55.4	636
		50	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	7.3	14.6	12.5	12.7	20.9	55.4	636
	6	5	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	8.0	12.5	13.0	18.1	46.5	634
		7.5	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	7.3	10.2	12.5	12.7	19.3	49.6	635
		10	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	7.3	10.2	12.5	12.7	19.3	49.6	635
		15	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	7.3	13.1	12.5	12.7	20.1	52.4	635

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [inch]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
040-150	4	50	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	10.8	14.6	14.0	16.1	24.4	57.3	648
		60	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	10.8	18.1	14.0	16.1	26.2	60.8	649
		75	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	10.8	18.1	14.0	17.1	27.2	61.8	649
		100	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	10.8	19.4	14.0	16.1	27.6	67.1	650
		125	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	11.4	23.8	14.0	16.8	30.0	73.4	660
		150	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	11.4	23.8	14.0	16.8	30.0	73.4	660
	6	15	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	10.8	13.1	14.0	16.1	23.6	54.6	647
		20	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	10.8	13.1	14.0	16.1	23.6	54.6	647
		25	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	10.8	14.6	14.0	16.1	24.4	57.3	648
		30	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	10.8	14.6	14.0	16.1	24.4	57.3	648
		40	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	10.8	18.1	14.0	16.1	26.2	60.8	649
050-070	2	25	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	12.2	11.0	12.1	18.8	45.3	606
		30	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	12.2	11.0	12.1	18.8	45.3	606
		40	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.9	13.8	11.0	12.2	19.7	49.3	607
		50	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.9	14.7	11.0	12.2	20.4	49.2	607
		60	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	11.6	18.1	11.0	15.6	25.7	52.2	637
		75	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	11.6	18.1	11.0	15.6	25.7	52.2	637
	4	3	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	6.9	11.0	12.1	15.7	36.4	603
		5	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	6.9	11.0	12.1	16.4	37.9	603
		7.5	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	8.0	11.0	12.1	17.3	39.3	603
		10	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	8.0	11.0	12.1	17.3	40.8	603
	6	0.75	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	5.7	11.0	12.1	15.7	32.1	602
		1	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	5.7	11.0	12.1	15.7	33.1	602
		1.5	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	6.9	11.0	12.1	15.7	36.4	603
		2	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	6.9	11.0	12.1	16.4	37.9	603
		3	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	8.0	11.0	12.1	17.3	39.3	603
050-095	4	10	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	6.7	8.0	14.0	12.7	17.8	43.4	621
		15	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	6.7	10.2	14.0	12.7	19.3	46.4	622
		20	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	6.7	10.2	14.0	12.7	19.3	46.4	622
		25	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	6.7	13.1	14.0	12.7	20.1	50.2	622
		30	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	6.7	13.1	14.0	12.7	20.1	50.2	622
	6	3	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	6.7	8.0	14.0	12.7	17.8	41.9	621
		5	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	6.7	8.0	14.0	12.7	17.8	43.4	621
		7.5	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	6.7	10.2	14.0	12.7	19.3	46.4	622
		10	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	6.7	10.2	14.0	12.7	19.3	46.4	622
050-110	4	20	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	7.3	10.2	14.0	12.7	19.3	49.6	635
		25	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	7.3	13.1	14.0	12.7	20.1	53.6	635
		30	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	7.3	13.1	14.0	12.7	20.1	53.6	635
		40	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	7.3	14.6	14.0	12.7	20.9	56.5	636
	6	5	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	6.9	8.0	14.0	13.0	18.1	46.5	634
		7.5	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	7.3	10.2	14.0	12.7	19.3	49.6	635
		10	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	7.3	10.2	14.0	12.7	19.3	49.6	635
		15	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	7.3	13.1	14.0	12.7	20.1	53.6	635
050-135	4	25	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	13.1	14.0	16.1	23.6	54.6	647
		30	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	13.1	14.0	16.1	23.6	54.6	647
		40	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	14.6	14.0	16.1	24.4	57.3	648
		50	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	14.6	14.0	16.1	24.4	57.3	648
		60	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	18.1	14.0	16.1	26.2	60.8	649
		75	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	18.1	14.0	17.1	27.2	61.8	649
	6	10	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	11.8	10.2	14.0	16.1	22.8	50.4	646
		15	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	13.1	14.0	16.1	23.6	54.6	647
		20	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	13.1	14.0	16.1	23.6	54.6	647

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [inch]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
050-150	4	75	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	18.1	15.8	17.6	27.4	61.8	652
		100	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	19.4	15.8	17.6	29.1	67.1	650
		125	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	9.8	23.8	15.8	17.1	30.3	73.4	661
		150	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	9.8	23.8	15.8	17.1	30.3	73.4	661
		200	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	9.8	23.8	15.8	17.1	30.3	76.7	661
	6	25	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	14.6	15.8	17.6	25.9	57.1	651
		30	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	14.6	15.8	17.6	25.9	57.1	651
		40	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	18.1	15.8	17.6	27.7	61.8	652
		50	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	18.1	15.8	17.6	27.7	61.8	652
		60	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	19.4	15.8	17.6	29.1	67.1	650
060-095	4	15	150/300	7.9	5.9	8x7/8	12x1	8x7/8	12x7/8	6.3	6.3	10.8	10.2	14.8	16.1	22.8	47.0	639
		20	150/300	7.9	5.9	8x7/8	12x1	8x7/8	12x7/8	6.3	6.3	10.8	10.2	14.8	16.1	22.8	47.0	639
		25	150/300	7.9	5.9	8x7/8	12x1	8x7/8	12x7/8	6.3	6.3	11.8	13.1	14.8	16.1	23.6	51.4	640
		30	150/300	7.9	5.9	8x7/8	12x1	8x7/8	12x7/8	6.3	6.3	11.8	13.1	14.8	16.1	23.6	51.4	640
		40	150/300	7.9	5.9	8x7/8	12x1	8x7/8	12x7/8	6.3	6.3	11.8	14.6	14.8	16.1	24.4	53.9	641
	6	5	150/300	7.9	5.9	8x7/8	12x1	8x7/8	12x7/8	6.3	6.3	10.8	8.0	14.8	16.1	21.3	44.1	638
		7.5	150/300	7.9	5.9	8x7/8	12x1	8x7/8	12x7/8	6.3	6.3	10.8	10.2	14.8	16.1	22.8	47.0	639
		10	150/300	7.9	5.9	8x7/8	12x1	8x7/8	12x7/8	6.3	6.3	10.8	10.2	14.8	16.1	22.8	47.0	639
		15	150/300	7.9	5.9	8x7/8	12x1	8x7/8	12x7/8	6.3	6.3	11.8	13.1	14.8	16.1	23.6	51.4	640
060-110	4	30	150/300	7.9	5.9	8x7/8	12x1	8x7/8	12x7/8	6.3	6.3	10.8	13.1	14.8	16.1	23.6	55.3	647
		40	150/300	7.9	5.9	8x7/8	12x1	8x7/8	12x7/8	6.3	6.3	10.8	14.6	14.8	16.1	24.4	58.1	648
		50	150/300	7.9	5.9	8x7/8	12x1	8x7/8	12x7/8	6.3	6.3	10.8	14.6	14.8	16.1	24.4	58.1	648
		60	150/300	7.9	5.9	8x7/8	12x1	8x7/8	12x7/8	6.3	6.3	10.8	18.1	14.8	16.1	26.2	61.6	649
	6	7.5	150/300	7.9	5.9	8x7/8	12x1	8x7/8	12x7/8	6.3	6.3	11.8	10.2	14.8	16.1	22.8	51.5	646
		10	150/300	7.9	5.9	8x7/8	12x1	8x7/8	12x7/8	6.3	6.3	11.8	10.2	14.8	16.1	22.8	51.1	646
		15	150/300	7.9	5.9	8x7/8	12x1	8x7/8	12x7/8	6.3	6.3	10.8	13.1	14.8	16.1	23.6	55.3	647
		20	150/300	7.9	5.9	8x7/8	12x1	8x7/8	12x7/8	6.3	6.3	10.8	13.1	14.8	16.1	23.6	55.3	647
060-135	4	40	150/300	7.9	5.9	8x7/8	12x1	8x7/8	12x7/8	6.3	6.3	9.1	14.6	15.8	14.2	22.4	58.1	656
		50	150/300	7.9	5.9	8x7/8	12x1	8x7/8	12x7/8	6.3	6.3	9.1	14.6	15.8	14.2	22.4	58.1	656
		60	150/300	7.9	5.9	8x7/8	12x1	8x7/8	12x7/8	6.3	6.3	9.3	18.1	15.8	14.4	24.5	61.9	657
		75	150/300	7.9	5.9	8x7/8	12x1	8x7/8	12x7/8	6.3	6.3	9.3	18.1	15.8	14.4	24.5	61.9	657
		100	150/300	7.9	5.9	8x7/8	12x1	8x7/8	12x7/8	6.3	6.3	9.8	19.4	15.8	15.5	27.0	67.9	659
		125	150/300	7.9	5.9	8x7/8	12x1	8x7/8	12x7/8	6.3	6.3	11.4	23.8	15.8	16.8	30.0	74.2	660
	6	10	150/300	7.9	5.9	8x7/8	12x1	8x7/8	12x7/8	6.3	6.3	9.1	10.2	15.8	14.2	20.8	50.9	654
		15	150/300	7.9	5.9	8x7/8	12x1	8x7/8	12x7/8	6.3	6.3	9.1	13.1	15.8	14.2	21.6	55.3	655
		20	150/300	7.9	5.9	8x7/8	12x1	8x7/8	12x7/8	6.3	6.3	9.1	13.1	15.8	14.2	21.6	55.3	655
		25	150/300	7.9	5.9	8x7/8	12x1	8x7/8	12x7/8	6.3	6.3	9.1	14.6	15.8	14.2	22.4	58.1	656
		30	150/300	7.9	5.9	8x7/8	12x1	8x7/8	12x7/8	6.3	6.3	9.1	14.6	15.8	14.2	22.4	58.1	656
060-150	4	125	150/300	7.9	5.9	8x7/8	12x1	8x7/8	12x7/8	6.3	6.3	9.8	23.8	17.8	17.1	30.3	80.2	664
		150	150/300	7.9	5.9	8x7/8	12x1	8x7/8	12x7/8	6.3	6.3	9.8	23.8	17.8	17.1	30.3	80.2	664
		200	150/300	7.9	5.9	8x7/8	12x1	8x7/8	12x7/8	6.3	6.3	9.8	23.8	17.8	17.1	30.3	83.5	665
		250	150/300	7.9	5.9	8x7/8	12x1	8x7/8	12x7/8	6.3	6.3	9.8	23.8	17.8	17.1	30.3	83.5	665
	6	40	150/300	7.9	5.9	8x7/8	12x1	8x7/8	12x7/8	6.3	6.3	9.1	18.1	17.8	15.7	25.8	67.8	662
		50	150/300	7.9	5.9	8x7/8	12x1	8x7/8	12x7/8	6.3	6.3	9.1	18.1	17.8	15.7	25.8	67.8	662
		60	150/300	7.9	5.9	8x7/8	12x1	8x7/8	12x7/8	6.3	6.3	9.1	19.4	17.8	15.7	27.1	73.1	663
		75	150/300	7.9	5.9	8x7/8	12x1	8x7/8	12x7/8	6.3	6.3	9.1	19.4	17.8	15.7	27.1	73.1	663
		100	150/300	7.9	5.9	8x7/8	12x1	8x7/8	12x7/8	6.3	6.3	9.8	23.8	17.8	17.1	30.3	80.2	664

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [inch]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
080-135	4	60	150/300	9.8	7.9	12x1	16x1 1/8	8x7/8	12x1	6.3	6.3	9.8	18.1	14.0	18.3	28.4	61.9	668
		75	150/300	9.8	7.9	12x1	16x1 1/8	8x7/8	12x1	6.3	6.3	9.8	18.1	14.0	18.3	28.4	61.9	668
		100	150/300	9.8	7.9	12x1	16x1 1/8	8x7/8	12x1	6.3	6.3	9.8	19.4	14.0	18.3	29.8	67.9	670
		125	150/300	9.8	7.9	12x1	16x1 1/8	8x7/8	12x1	6.3	6.3	12.0	23.8	14.0	21.0	34.3	74.2	671
		150	150/300	9.8	7.9	12x1	16x1 1/8	8x7/8	12x1	6.3	6.3	12.0	23.8	14.0	21.0	34.3	74.2	671
		200	150/300	9.8	7.9	12x1	16x1 1/8	8x7/8	12x1	6.3	6.3	12.0	23.8	14.0	21.0	34.3	77.4	671
	6	15	150/300	9.8	7.9	12x1	16x1 1/8	8x7/8	12x1	6.3	6.3	9.3	13.1	14.0	18.3	25.7	55.3	666
		20	150/300	9.8	7.9	12x1	16x1 1/8	8x7/8	12x1	6.3	6.3	9.3	13.1	14.0	18.3	25.7	55.3	666
		25	150/300	9.8	7.9	12x1	16x1 1/8	8x7/8	12x1	6.3	6.3	9.3	14.6	14.0	18.3	26.5	58.7	667
		30	150/300	9.8	7.9	12x1	16x1 1/8	8x7/8	12x1	6.3	6.3	9.3	14.6	14.0	18.3	26.5	58.7	667
		40	150/300	9.8	7.9	12x1	16x1 1/8	8x7/8	12x1	6.3	6.3	9.8	18.1	14.0	18.3	28.4	61.9	668
		50	150/300	9.8	7.9	12x1	16x1 1/8	8x7/8	12x1	6.3	6.3	9.8	18.1	14.0	18.3	28.4	61.9	668
080-150	4	125	150/300	9.8	7.9	12x1	16x1 1/8	8x7/8	12x1	7.3	7.3	10.6	23.8	15.8	20.9	34.1	81.2	675
		150	150/300	9.8	7.9	12x1	16x1 1/8	8x7/8	12x1	7.3	7.3	10.6	23.8	15.8	20.9	34.1	81.2	675
		200	150/300	9.8	7.9	12x1	16x1 1/8	8x7/8	12x1	7.3	7.3	10.6	23.8	15.8	20.9	34.1	84.5	679
		250	150/300	9.8	7.9	12x1	16x1 1/8	8x7/8	12x1	7.3	7.3	10.6	23.8	15.8	20.9	34.1	84.5	679
	6	40	150/300	9.8	7.9	12x1	16x1 1/8	8x7/8	12x1	7.3	7.3	9.8	18.1	15.8	20.3	30.4	68.8	672
		50	150/300	9.8	7.9	12x1	16x1 1/8	8x7/8	12x1	7.3	7.3	9.8	18.1	15.8	20.3	30.4	68.8	673
		60	150/300	9.8	7.9	12x1	16x1 1/8	8x7/8	12x1	7.3	7.3	9.8	19.4	15.8	20.3	31.8	74.1	674
		75	150/300	9.8	7.9	12x1	16x1 1/8	8x7/8	12x1	7.3	7.3	9.8	19.4	15.8	20.3	31.8	74.1	674
100-150	4	150	150/300	11.8	9.8	12x1	16x1 1/4	12x1	16x1 1/8	6.5	7.9	10.6	23.8	19.8	22.9	36.1	82.2	678
		200	150/300	11.8	9.8	12x1	16x1 1/4	12x1	16x1 1/8	6.5	7.9	10.6	23.8	19.8	22.9	36.1	85.4	680
		250	150/300	11.8	9.8	12x1	16x1 1/4	12x1	16x1 1/8	6.5	7.9	10.6	23.8	19.8	22.9	36.1	85.4	680
	6	50	150/300	11.8	9.8	12x1	16x1 1/4	12x1	16x1 1/8	6.5	7.9	11.4	18.1	19.8	24.3	34.4	69.8	676
		60	150/300	11.8	9.8	12x1	16x1 1/4	12x1	16x1 1/8	6.5	7.9	10.6	19.4	19.8	22.9	34.4	75.1	677
		75	150/300	11.8	9.8	12x1	16x1 1/4	12x1	16x1 1/8	6.5	7.9	10.6	19.4	19.8	22.9	34.4	75.1	677
		100	150/300	11.8	9.8	12x1	16x1 1/4	12x1	16x1 1/8	6.5	7.9	10.6	23.8	19.8	22.9	36.1	82.2	678

Dimensions in mm.

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [mm]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
012-070	2	3	150/300	50	32	4x19	8x19	4x16	4x19	79	79	160	174	178	201	293	851	579
		5	150/300	50	32	4x19	8x19	4x16	4x19	79	79	160	175	178	201	311	889	579
		7.5	150/300	50	32	4x19	8x19	4x16	4x19	79	79	160	203	178	203	334	924	580
		7.5	150/300	50	32	4x19	8x19	4x16	4x19	79	79	160	203	178	203	334	924	580
		10	150/300	50	32	4x19	8x19	4x16	4x19	79	79	160	203	178	203	334	963	580
		15	150/300	50	32	4x19	8x19	4x16	4x19	79	79	175	259	178	228	397	1032	584
		15	150/300	50	32	4x19	8x19	4x16	4x19	79	79	175	259	178	228	397	1032	584
	4	0.5	150/300	50	32	4x19	8x19	4x16	4x19	79	79	145	146	178	201	293	730	576
		0.75	150/300	50	32	4x19	8x19	4x16	4x19	79	79	145	146	178	201	293	730	576
		1	150/300	50	32	4x19	8x19	4x16	4x19	79	79	145	146	178	201	293	730	576
		1.5	150/300	50	32	4x19	8x19	4x16	4x19	79	79	145	146	178	201	293	755	576
015-070	2	5	150/300	65	40	4x19	8x22.3	4x16	4x22.3	79	79	160	175	178	201	311	916	579
		7.5	150/300	65	40	4x19	8x22.3	4x16	4x22.3	79	79	160	203	178	203	334	951	580
		10	150/300	65	40	4x19	8x22.3	4x16	4x22.3	79	79	160	203	178	203	334	990	580
		15	150/300	65	40	4x19	8x22.3	4x16	4x22.3	79	79	175	259	178	228	397	1067	585
		20	150/300	65	40	4x19	8x22.3	4x16	4x22.3	79	79	175	259	178	228	397	1067	585
	4	0.75	150/300	65	40	4x19	8x22.3	4x16	4x22.3	79	79	145	146	178	201	293	730	576
		1	150/300	65	40	4x19	8x22.3	4x16	4x22.3	79	79	145	146	178	201	293	730	576
		1.5	150/300	65	40	4x19	8x22.3	4x16	4x22.3	79	79	145	146	178	201	293	755	576
		2	150/300	65	40	4x19	8x22.3	4x16	4x22.3	79	79	145	146	178	201	293	755	576
		3	150/300	65	40	4x19	8x22.3	4x16	4x22.3	79	79	145	174	178	201	293	851	577
015-090	2	15	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	165	259	229	246	414	1089	592
		20	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	165	259	229	246	414	1089	592
		25	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	185	310	229	260	428	1125	593
		30	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	185	310	229	260	428	1125	593
		40	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	205	351	229	300	489	1213	608
	4	1.5	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	150	146	229	246	337	821	588
		2	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	150	146	229	246	337	821	588
		3	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	150	174	229	246	337	900	589
		5	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	150	174	229	246	355	938	589
015-095	2	15	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	165	259	229	246	414	1089	592
		20	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	165	259	229	246	414	1089	592
		25	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	185	310	229	260	428	1125	593
		30	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	185	310	229	260	428	1125	593
		40	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	205	351	229	300	489	1213	608
		50	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	205	374	229	300	509	1210	608
	4	2	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	150	146	229	246	337	821	588
		3	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	150	174	229	246	337	900	589
		5	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	150	175	229	246	355	938	589
		7.5	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	150	203	229	246	376	974	590
020-095	2	15	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	165	259	229	246	414	1114	592
		20	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	165	259	229	246	414	1114	592
		25	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	185	310	229	260	428	1150	593
		30	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	185	310	229	260	428	1150	593
		40	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	205	351	229	300	489	1258	608
		50	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	205	374	229	300	509	1255	608
		60	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	295	460	229	396	653	1323	642
		60	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	295	460	229	396	653	1323	642
	4	2	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	150	146	229	246	337	821	588
		3	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	150	174	229	246	337	900	589
		5	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	150	175	229	246	355	938	589
		7.5	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	150	203	229	246	376	974	590

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [mm]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
020-110	4	5	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	150	175	229	246	355	938	589
		7.5	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	150	203	229	246	376	974	590
		10	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	150	203	229	246	376	1012	590
		15	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	150	259	229	246	414	1089	594
020-135	4	7.5	150/300	80	50	4x19	8x22.3	4x19	8x19	127	127	165	203	279	304	434	1101	599
		10	150/300	80	50	4x19	8x22.3	4x19	8x19	127	127	165	203	279	304	434	1139	599
		15	150/300	80	50	4x19	8x22.3	4x19	8x19	127	127	165	259	279	304	472	1211	600
		20	150/300	80	50	4x19	8x22.3	4x19	8x19	127	127	165	259	279	304	472	1211	600
		25	150/300	80	50	4x19	8x22.3	4x19	8x19	127	127	165	333	279	304	493	1323	601
025-070	2	7.5	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	195	203	203	244	374	974	583
		10	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	195	203	203	244	374	1012	583
		15	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	195	259	203	246	414	1089	586
		20	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	195	259	203	246	414	1089	586
		25	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	190	310	203	265	433	1125	587
		30	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	190	310	203	265	433	1125	587
	4	1	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	180	146	203	244	335	752	581
		1.5	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	180	146	203	244	335	777	581
		2	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	180	146	203	244	335	777	581
		3	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	180	174	203	244	335	873	582
		5	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	180	175	203	244	353	911	582
025-095	2	25	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	225	310	254	318	487	1157	624
		30	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	225	310	254	318	487	1157	624
		40	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	205	351	254	300	489	1258	625
		50	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	205	374	254	300	509	1255	625
		60	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	295	460	254	395	652	1331	643
		75	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	295	460	254	395	652	1331	643
		75	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	295	460	254	395	652	1331	643
	4	3	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	175	174	254	278	370	900	612
		5	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	175	175	254	278	387	963	612
		7.5	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	175	203	254	278	409	999	613
		10	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	175	203	254	278	409	1037	613
	6	1	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	170	146	254	271	363	821	611
		1.5	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	175	174	254	278	370	900	612
		2	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	175	175	254	278	387	963	612
		3	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	175	203	254	278	409	999	613
025-110	4	7.5	150/300	80	65	4x19	8x22.3	4x19	8x22.3	127	127	205	203	279	308	439	1101	609
		10	150/300	80	65	4x19	8x22.3	4x19	8x22.3	127	127	205	203	279	308	439	1139	609
		15	150/300	80	65	4x19	8x22.3	4x19	8x22.3	127	127	205	259	279	308	477	1211	610
	6	2	150/300	80	65	4x19	8x22.3	4x19	8x22.3	127	127	205	175	279	308	417	1067	609
		3	150/300	80	65	4x19	8x22.3	4x19	8x22.3	127	127	205	203	279	308	439	1101	609
		5	150/300	80	65	4x19	8x22.3	4x19	8x22.3	127	127	205	203	279	308	439	1139	609
030-070	2	15	150/300	100	80	8x19	8x22.3	4x19	8x22.3	102	102	195	259	229	246	414	1089	586
		20	150/300	100	80	8x19	8x22.3	4x19	8x22.3	102	102	195	259	229	246	414	1089	586
		25	150/300	100	80	8x19	8x22.3	4x19	8x22.3	102	102	190	310	229	265	433	1125	587
		30	150/300	100	80	8x19	8x22.3	4x19	8x22.3	102	102	190	310	229	265	433	1125	587
		40	150/300	100	80	8x19	8x22.3	4x19	8x22.3	102	102	225	351	229	311	500	1226	604
	4	1.5	150/300	100	80	8x19	8x22.3	4x19	8x22.3	102	102	180	146	229	244	335	777	581
		2	150/300	100	80	8x19	8x22.3	4x19	8x22.3	102	102	180	146	229	244	335	777	581
		3	150/300	100	80	8x19	8x22.3	4x19	8x22.3	102	102	180	174	229	244	335	873	582
		5	150/300	100	80	8x19	8x22.3	4x19	8x22.3	102	102	180	175	229	244	353	911	582

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [mm]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
030-095	2	40	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	205	351	279	300	489	1303	627
		50	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	205	374	279	300	509	1301	627
		60	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	295	460	279	395	652	1377	644
		75	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	295	460	279	395	652	1377	644
		100	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	275	491	279	386	688	1483	645
		125	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	290	576	279	426	762	1642	653
	4	5	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	175	175	279	278	387	1008	614
		7.5	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	175	203	279	278	409	1044	615
		10	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	175	203	279	278	409	1057	615
		15	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	190	259	279	298	467	1134	616
	6	1.5	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	175	174	279	278	370	970	614
		2	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	175	175	279	278	387	1008	614
		3	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	175	203	279	278	409	1044	615
		5	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	175	203	279	278	409	1057	615
030-110	4	10	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	175	203	318	278	409	1169	629
		15	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	190	259	318	298	467	1246	630
		20	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	190	259	318	298	467	1246	630
	6	3	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	175	203	318	278	409	1101	629
		5	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	175	203	318	278	409	1169	629
		7.5	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	190	259	318	298	467	1246	630
030-135	4	15	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	185	259	318	322	490	1216	635
		20	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	185	259	318	322	490	1246	635
		25	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	185	333	318	322	511	1348	635
		30	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	185	333	318	322	511	1348	635
		40	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	185	371	318	322	531	1423	636
	6	5	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	175	203	318	329	460	1139	634
		7.5	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	185	259	318	322	490	1246	635
		10	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	185	259	318	322	490	1246	635
		15	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	185	333	318	322	511	1348	635
040-070	2	20	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	190	259	254	259	427	1114	597
		25	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	180	310	254	275	443	1150	598
		30	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	180	310	254	275	443	1150	598
		40	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	225	351	254	310	499	1251	605
		50	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	225	374	254	310	519	1249	605
	4	2	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	160	146	254	246	337	842	595
		3	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	160	174	254	246	337	925	596
		5	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	160	175	254	246	355	963	596
		7.5	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	160	203	254	246	376	999	596
	6	0.75	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	160	146	254	246	337	816	595
		1	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	160	146	254	246	337	842	595
		1.5	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	160	174	254	246	337	925	596
		2	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	160	175	254	246	355	963	596

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [mm]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
040-095	2	60	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	295	460	279	396	652	1389	644
		75	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	295	460	279	396	652	1389	644
		100	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	275	491	279	386	687	1496	645
		125	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	290	576	279	427	763	1655	653
		150	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	290	576	279	427	763	1655	653
	4	7.5	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	203	279	304	434	1021	618
		10	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	203	279	304	434	1070	619
		15	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	259	279	304	472	1147	620
		20	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	259	279	304	472	1147	620
	6	2	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	175	279	304	413	996	617
		3	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	203	279	304	434	1021	618
		5	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	203	279	304	434	1070	619
		7.5	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	259	279	304	472	1147	620
040-110	4	15	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	259	318	304	472	1259	632
		20	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	259	318	304	472	1259	632
		25	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	205	333	318	334	523	1366	633
		30	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	205	333	318	334	523	1366	633
	6	3	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	203	318	304	434	1144	631
		5	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	203	318	304	434	1182	631
		7.5	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	259	318	304	472	1259	632
		10	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	259	318	304	472	1259	632
040-135	4	20	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	185	259	318	322	490	1259	635
		25	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	185	333	318	322	511	1361	635
		30	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	185	333	318	322	511	1331	635
		40	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	185	371	318	322	531	1406	636
		50	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	185	371	318	322	531	1406	636
	6	5	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	203	318	329	460	1182	634
		7.5	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	185	259	318	322	490	1259	635
		10	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	185	259	318	322	490	1259	635
		15	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	185	333	318	322	511	1331	635
040-150	4	50	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	275	371	356	409	618	1456	648
		60	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	275	460	356	409	666	1545	649
		75	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	275	460	356	434	691	1570	649
		100	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	275	492	356	409	701	1705	650
		125	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	290	605	356	426	763	1865	660
		150	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	290	605	356	426	763	1865	660
	6	15	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	275	333	356	409	598	1386	647
		20	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	275	333	356	409	598	1386	647
		25	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	275	371	356	409	618	1456	648
		30	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	275	371	356	409	618	1456	648
		40	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	275	460	356	409	666	1545	649

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [mm]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
050-070	2	25	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	310	279	308	477	1150	606
		30	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	310	279	308	477	1150	606
		40	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	225	351	279	310	499	1251	607
		50	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	225	374	279	310	519	1249	607
		60	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	295	460	279	395	652	1325	637
		75	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	295	460	279	395	652	1325	637
	4	3	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	174	279	308	400	925	603
		5	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	175	279	308	417	963	603
		7.5	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	203	279	308	439	999	603
		10	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	203	279	308	439	1037	603
	6	0.75	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	146	279	308	400	816	602
		1	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	146	279	308	400	842	602
		1.5	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	174	279	308	400	925	603
		2	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	175	279	308	417	963	603
		3	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	203	279	308	439	999	603
050-095	4	10	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	170	203	356	322	453	1102	621
		15	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	170	259	356	322	490	1179	622
		20	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	170	259	356	322	490	1179	622
		25	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	170	333	356	322	511	1275	622
		30	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	170	333	356	322	511	1275	622
	6	3	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	170	203	356	322	453	1064	621
		5	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	170	203	356	322	453	1102	621
		7.5	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	170	259	356	322	490	1179	622
		10	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	170	259	356	322	490	1179	622
050-110	4	20	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	185	259	356	322	490	1259	635
		25	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	185	333	356	322	511	1361	635
		30	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	185	333	356	322	511	1361	635
		40	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	185	371	356	322	531	1436	636
	6	5	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	175	203	356	329	460	1182	634
		7.5	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	185	259	356	322	490	1259	635
		10	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	185	259	356	322	490	1259	635
		15	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	185	333	356	322	511	1361	635
050-135	4	25	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	333	356	409	598	1386	647
		30	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	333	356	409	598	1386	647
		40	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	371	356	409	618	1456	648
		50	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	371	356	409	618	1456	648
		60	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	460	356	409	666	1545	649
		75	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	460	356	434	691	1570	649
	6	10	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	300	259	356	409	578	1279	646
		15	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	333	356	409	598	1386	647
		20	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	333	356	409	598	1386	647
050-150	4	75	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	460	400	448	704	1570	652
		100	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	492	400	448	739	1705	650
		125	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	250	605	400	434	770	1865	661
		150	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	250	605	400	434	770	1865	661
		200	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	250	605	400	434	770	1947	661
	6	25	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	371	400	448	657	1450	651
		30	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	371	400	448	657	1450	651
		40	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	460	400	448	704	1570	652
		50	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	460	400	448	704	1570	652
		60	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	492	400	448	739	1705	650

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [mm]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
060-095	4	15	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	259	375	409	578	1193	639
		20	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	259	375	409	578	1193	639
		25	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	300	333	375	409	598	1305	640
		30	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	300	333	375	409	598	1305	640
		40	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	300	371	375	409	618	1369	641
	6	5	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	203	375	409	540	1121	638
		7.5	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	259	375	409	578	1193	639
		10	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	259	375	409	578	1193	639
		15	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	300	333	375	409	598	1305	640
060-110	4	30	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	333	375	409	598	1405	647
		40	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	371	375	409	618	1475	648
		50	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	371	375	409	618	1475	648
		60	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	460	375	409	666	1564	649
	6	7.5	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	300	259	375	409	578	1308	646
		10	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	300	259	375	409	578	1298	646
		15	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	333	375	409	598	1405	647
		20	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	333	375	409	598	1405	647
060-135	4	40	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	230	371	400	359	568	1475	656
		50	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	230	371	400	359	568	1475	656
		60	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	235	460	400	364	621	1573	657
		75	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	235	460	400	364	621	1573	657
		100	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	250	492	400	394	686	1724	659
		125	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	290	605	400	426	763	1884	660
	6	10	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	230	259	400	359	528	1293	654
		15	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	230	333	400	359	548	1405	655
		20	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	230	333	400	359	548	1405	655
		25	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	230	371	400	359	568	1475	656
		30	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	230	371	400	359	568	1475	656
060-150	4	125	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	250	605	451	434	770	2037	664
		150	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	250	605	451	434	770	2037	664
		200	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	250	605	451	434	770	2120	665
		250	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	250	605	451	434	770	2120	665
	6	40	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	230	460	451	398	654	1723	662
		50	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	230	460	451	398	654	1723	662
		60	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	230	492	451	398	689	1858	663
		75	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	230	492	451	398	689	1858	663
		100	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	250	605	451	434	770	2037	664
080-135	4	60	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	159	159	250	460	356	465	722	1573	668
		75	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	159	159	250	460	356	465	722	1573	668
		100	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	159	159	250	492	356	464	756	1724	670
		125	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	159	159	305	605	356	534	871	1884	671
		150	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	159	159	305	605	356	534	871	1884	671
		200	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	159	159	305	605	356	534	871	1967	671
	6	15	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	159	159	235	333	356	464	653	1405	666
		20	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	159	159	235	333	356	464	653	1405	666
		25	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	159	159	235	371	356	464	673	1490	667
		30	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	159	159	235	371	356	464	673	1490	667
		40	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	159	159	250	460	356	465	722	1573	668
		50	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	159	159	250	460	356	465	722	1573	668

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [mm]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
080-150	4	125	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	184	184	270	605	400	530	866	2062	675
		150	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	184	184	270	605	400	530	866	2062	675
		200	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	184	184	270	605	400	530	866	2145	679
		250	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	184	184	270	605	400	530	866	2145	679
	6	40	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	184	184	250	460	400	515	772	1748	672
		50	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	184	184	250	460	400	515	772	1748	673
		60	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	184	184	250	492	400	515	807	1883	674
		75	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	184	184	250	492	400	515	807	1883	674
100-150	4	150	150/300	300	250	12x25.4	16x31.75	12x25.4	16x28.4	165	200	270	605	502	581	917	2087	678
		200	150/300	300	250	12x25.4	16x31.75	12x25.4	16x28.4	165	200	270	605	502	581	917	2170	680
		250	150/300	300	250	12x25.4	16x31.75	12x25.4	16x28.4	165	200	270	605	502	581	917	2170	680
	6	50	150/300	300	250	12x25.4	16x31.75	12x25.4	16x28.4	165	200	290	460	502	616	873	1773	676
		60	150/300	300	250	12x25.4	16x31.75	12x25.4	16x28.4	165	200	270	492	502	581	872	1908	677
		75	150/300	300	250	12x25.4	16x31.75	12x25.4	16x28.4	165	200	270	492	502	581	872	1908	677
		100	150/300	300	250	12x25.4	16x31.75	12x25.4	16x28.4	165	200	270	605	502	581	917	2087	678

Dimensions for NK pumps with TEFC motors and spacer couplings

For more dimensions, see Section *12.1 NK, center-line outlet*.

Dimensions in inch.

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [inch]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
012-070	2	3	150/300	2.0	1.3	4x3/4	8x3/4	4x5/8	4x3/4	3.1	3.1	6.3	6.9	7.0	7.9	11.5	37.4	684
		5	150/300	2.0	1.3	4x3/4	8x3/4	4x5/8	4x3/4	3.1	3.1	6.3	6.9	7.0	7.9	12.2	38.9	684
		7.5	150/300	2.0	1.3	4x3/4	8x3/4	4x5/8	4x3/4	3.1	3.1	6.3	8.0	7.0	8.0	13.2	39.6	685
		7.5	150/300	2.0	1.3	4x3/4	8x3/4	4x5/8	4x3/4	3.1	3.1	6.3	8.0	7.0	8.0	13.2	39.6	685
		10	150/300	2.0	1.3	4x3/4	8x3/4	4x5/8	4x3/4	3.1	3.1	6.3	8.0	7.0	8.0	13.2	41.1	685
		15	150/300	2.0	1.3	4x3/4	8x3/4	4x5/8	4x3/4	3.1	3.1	6.9	10.2	7.0	9.0	15.6	44.2	690
		15	150/300	2.0	1.3	4x3/4	8x3/4	4x5/8	4x3/4	3.1	3.1	6.9	10.2	7.0	9.0	15.6	44.2	690
	4	0.5	150/300	2.0	1.3	4x3/4	8x3/4	4x5/8	4x3/4	3.1	3.1	5.7	5.7	7.0	7.9	11.5	33.4	681
		0.75	150/300	2.0	1.3	4x3/4	8x3/4	4x5/8	4x3/4	3.1	3.1	5.7	5.7	7.0	7.9	11.5	33.4	681
		1	150/300	2.0	1.3	4x3/4	8x3/4	4x5/8	4x3/4	3.1	3.1	5.7	5.7	7.0	7.9	11.5	33.4	681
		1.5	150/300	2.0	1.3	4x3/4	8x3/4	4x5/8	4x3/4	3.1	3.1	5.7	5.7	7.0	7.9	11.5	34.4	681
015-070	2	5	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	3.1	3.1	6.3	6.9	7.0	7.9	12.2	40.0	686
		7.5	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	3.1	3.1	6.3	8.0	7.0	8.0	13.2	40.7	685
		10	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	3.1	3.1	6.3	8.0	7.0	8.0	13.2	42.2	685
		15	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	3.1	3.1	6.9	10.2	7.0	9.0	15.6	44.8	691
		20	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	3.1	3.1	6.9	10.2	7.0	9.0	15.6	44.8	691
	4	0.75	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	3.1	3.1	5.7	5.7	7.0	7.9	11.5	33.4	681
		1	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	3.1	3.1	5.7	5.7	7.0	7.9	11.5	33.4	681
		1.5	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	3.1	3.1	5.7	5.7	7.0	7.9	11.5	34.4	681
		2	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	3.1	3.1	5.7	5.7	7.0	7.9	11.5	34.4	681
		3	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	3.1	3.1	5.7	6.9	7.0	7.9	11.5	37.4	682
015-090	2	15	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	6.5	10.2	9.0	9.7	16.3	45.7	699
		20	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	6.5	10.2	9.0	9.7	16.3	45.7	699
		25	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	7.3	12.2	9.0	10.2	16.9	47.1	700
		30	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	7.3	12.2	9.0	10.2	16.9	47.1	700
		40	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	8.1	13.8	9.0	11.8	19.2	52.3	716
	4	1.5	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	5.9	5.7	9.0	9.7	13.3	36.4	695
		2	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	5.9	5.7	9.0	9.7	13.3	36.4	695
		3	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	5.9	6.9	9.0	9.7	13.3	39.4	696
		5	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	5.9	6.9	9.0	9.7	14.0	40.9	696
015-095	2	15	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	6.5	10.2	9.0	9.7	16.3	45.7	699
		20	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	6.5	10.2	9.0	9.7	16.3	45.7	699
		25	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	7.3	12.2	9.0	10.2	16.9	47.1	700
		30	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	7.3	12.2	9.0	10.2	16.9	47.1	700
		40	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	8.1	13.8	9.0	11.8	19.2	52.3	716
		50	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	8.1	14.7	9.0	11.8	20.0	52.2	716
	4	2	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	5.9	5.7	9.0	9.7	13.3	36.4	695
		3	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	5.9	6.9	9.0	9.7	13.3	39.4	696
		5	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	5.9	6.9	9.0	9.7	14.0	40.9	696
		7.5	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	5.9	8.0	9.0	9.7	14.8	41.6	697

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [inch]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
020-095	2	15	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	6.5	10.2	9.0	9.7	16.3	46.7	699
		20	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	6.5	10.2	9.0	9.7	16.3	46.7	699
		25	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	7.3	12.2	9.0	10.2	16.9	48.4	703
		30	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	7.3	12.2	9.0	10.2	16.9	48.4	703
		40	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	8.1	13.8	9.0	11.8	19.2	53.3	716
		50	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	8.1	14.7	9.0	11.8	20.0	53.2	716
		60	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	11.6	18.1	9.0	15.6	25.7	55.7	754
		60	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	11.6	18.1	9.0	15.6	25.7	55.7	754
	4	2	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	5.9	5.7	9.0	9.7	13.3	36.4	695
		3	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	5.9	6.9	9.0	9.7	13.3	39.4	696
		5	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	5.9	6.9	9.0	9.7	14.0	40.9	696
		7.5	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	5.9	8.0	9.0	9.7	14.8	41.6	697
020-110	4	5	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	5.9	6.9	9.0	9.7	14.0	40.9	696
		7.5	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	5.9	8.0	9.0	9.7	14.8	41.6	697
		10	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	5.9	8.0	9.0	9.7	14.8	43.1	697
		15	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	5.9	10.2	9.0	9.7	16.3	45.7	701
020-135	4	7.5	150/300	3.2	2.0	4x3/4	8x7/8	4x3/4	8x3/4	5.0	5.0	6.5	8.0	11.0	12.0	17.1	48.2	708
		10	150/300	3.2	2.0	4x3/4	8x7/8	4x3/4	8x3/4	5.0	5.0	6.5	8.0	11.0	12.0	17.1	49.7	708
		15	150/300	3.2	2.0	4x3/4	8x7/8	4x3/4	8x3/4	5.0	5.0	6.5	10.2	11.0	12.0	18.6	52.2	709
		20	150/300	3.2	2.0	4x3/4	8x7/8	4x3/4	8x3/4	5.0	5.0	6.5	10.2	11.0	12.0	18.6	52.2	709
		25	150/300	3.2	2.0	4x3/4	8x7/8	4x3/4	8x3/4	5.0	5.0	6.5	13.1	11.0	12.0	19.4	56.6	710
025-070	2	7.5	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.7	8.0	8.0	9.6	14.7	42.4	689
		10	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.7	8.0	8.0	9.6	14.7	43.9	689
		15	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.7	10.2	8.0	9.7	16.3	46.0	692
		20	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.7	10.2	8.0	9.7	16.3	46.0	692
		25	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.5	12.2	8.0	10.4	17.1	48.0	694
		30	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.5	12.2	8.0	10.4	17.1	48.0	694
	4	1	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.1	5.7	8.0	9.6	13.2	34.3	687
		1.5	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.1	5.7	8.0	9.6	13.2	35.3	687
		2	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.1	5.7	8.0	9.6	13.2	35.3	687
		3	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.1	6.9	8.0	9.6	13.2	38.3	688
		5	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.1	6.9	8.0	9.6	13.9	39.8	688
025-095	2	25	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	8.9	12.2	10.0	12.5	19.2	48.4	733
		30	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	8.9	12.2	10.0	12.5	19.2	48.4	733
		40	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	8.1	13.8	10.0	11.8	19.3	52.9	734
		50	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	8.1	14.7	10.0	11.8	20.1	52.8	734
		60	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	11.6	18.1	10.0	15.6	25.7	55.7	755
		75	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	11.6	18.1	10.0	15.6	25.7	55.7	755
		75	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	11.6	18.1	10.0	15.6	25.7	55.7	755
	4	3	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	6.9	6.9	10.0	11.0	14.6	39.4	721
		5	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	6.9	6.9	10.0	11.0	15.3	41.8	721
		7.5	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	6.9	8.0	10.0	11.0	16.1	42.6	722
		10	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	6.9	8.0	10.0	11.0	16.1	44.1	722
	6	1	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	6.7	5.7	10.0	10.7	14.3	36.4	720
		1.5	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	6.9	6.9	10.0	11.0	14.6	39.4	721
		2	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	6.9	6.9	10.0	11.0	15.3	41.8	721
		3	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	6.9	8.0	10.0	11.0	16.1	42.6	722

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [inch]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
025-110	4	7.5	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	8.1	8.0	11.0	12.1	17.3	48.2	717
		10	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	8.1	8.0	11.0	12.1	17.3	49.7	717
		15	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	8.1	10.2	11.0	12.1	18.8	52.2	718
	6	2	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	8.1	6.9	11.0	12.1	16.4	47.5	717
		3	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	8.1	8.0	11.0	12.1	17.3	48.2	717
		5	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	8.1	8.0	11.0	12.1	17.3	49.7	717
030-070	2	15	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.7	10.2	9.0	9.7	16.3	46.0	692
		20	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.7	10.2	9.0	9.7	16.3	46.0	692
		25	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.5	12.2	9.0	10.4	17.1	47.2	694
		30	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.5	12.2	9.0	10.4	17.1	47.2	694
		40	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	8.9	13.8	9.0	12.2	19.7	52.5	713
	4	1.5	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.1	5.7	9.0	9.6	13.2	35.3	693
		2	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.1	5.7	9.0	9.6	13.2	35.3	693
		3	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.1	6.9	9.0	9.6	13.2	38.3	688
		5	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.1	6.9	9.0	9.6	13.9	39.8	688
030-095	2	40	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	8.1	13.8	11.0	11.8	19.3	56.8	736
		50	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	8.1	14.7	11.0	11.8	20.1	56.7	736
		60	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	11.6	18.1	11.0	15.6	25.7	59.2	756
		75	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	11.6	18.1	11.0	15.6	25.7	59.2	756
		100	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	10.8	19.4	11.0	15.2	27.1	62.8	757
		125	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	11.4	22.7	11.0	16.8	30.0	68.8	767
	4	5	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	6.9	6.9	11.0	11.0	15.3	44.9	723
		7.5	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	6.9	8.0	11.0	11.0	16.1	45.9	724
		10	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	6.9	8.0	11.0	11.0	16.1	46.4	724
		15	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.5	10.2	11.0	11.7	18.4	49.0	725
	6	1.5	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	6.9	6.9	11.0	11.0	14.6	43.4	723
		2	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	6.9	6.9	11.0	11.0	15.3	44.9	723
		3	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	6.9	8.0	11.0	11.0	16.1	45.9	724
		5	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	6.9	8.0	11.0	11.0	16.1	46.4	724
030-110	4	10	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	6.9	8.0	12.5	11.0	16.1	50.8	738
		15	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.5	10.2	12.5	11.7	18.4	53.4	739
		20	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.5	10.2	12.5	11.7	18.4	53.4	739
	6	3	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	6.9	8.0	12.5	11.0	16.1	48.2	738
		5	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	6.9	8.0	12.5	11.0	16.1	50.8	738
		7.5	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.5	10.2	12.5	11.7	18.4	53.4	739
030-135	4	15	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.3	10.2	12.5	12.7	19.3	52.2	744
		20	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.3	10.2	12.5	12.7	19.3	53.4	744
		25	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.3	13.1	12.5	12.7	20.1	58.8	748
		30	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.3	13.1	12.5	12.7	20.1	58.8	748
		40	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.3	14.6	12.5	12.7	20.9	61.1	745
	6	5	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	6.9	8.0	12.5	13.0	18.1	49.7	747
		7.5	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.3	10.2	12.5	12.7	19.3	53.4	744
		10	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.3	10.2	12.5	12.7	19.3	53.4	744
		15	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.3	13.1	12.5	12.7	20.1	58.8	748

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [inch]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
040-070	2	20	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	7.5	10.2	10.0	10.2	16.8	48.2	706
		25	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	7.1	12.2	10.0	10.8	17.5	49.6	707
		30	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	7.1	12.2	10.0	10.8	17.5	49.6	707
		40	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	8.9	13.8	10.0	12.2	19.6	53.3	719
		50	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	8.9	14.7	10.0	12.2	20.4	53.2	719
	4	2	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	6.3	5.7	10.0	9.7	13.3	38.4	704
		3	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	6.3	6.9	10.0	9.7	13.3	41.4	705
		5	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	6.3	6.9	10.0	9.7	14.0	42.9	705
		7.5	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	6.3	8.0	10.0	9.7	14.8	43.6	705
	6	0.75	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	6.3	5.7	10.0	9.7	13.3	37.4	704
		1	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	6.3	5.7	10.0	9.7	13.3	38.4	704
		1.5	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	6.3	6.9	10.0	9.7	13.3	41.4	705
		2	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	6.3	6.9	10.0	9.7	14.0	42.9	705
040-095	2	60	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	11.6	18.1	11.0	15.6	25.7	59.7	756
		75	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	11.6	18.1	11.0	15.6	25.7	59.7	756
		100	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	10.8	19.4	11.0	15.2	27.1	63.3	757
		125	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	11.4	22.7	11.0	16.8	30.0	69.3	767
		150	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	11.4	22.7	11.0	16.8	30.0	69.3	767
	4	7.5	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	8.0	11.0	12.0	17.1	45.4	727
		10	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	8.0	11.0	12.0	17.1	46.9	728
		15	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	10.2	11.0	12.0	18.6	49.5	729
		20	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	10.2	11.0	12.0	18.6	49.5	729
	6	2	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	6.9	11.0	12.0	16.3	44.5	726
		3	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	8.0	11.0	12.0	17.1	45.4	727
		5	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	8.0	11.0	12.0	17.1	46.9	728
		7.5	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	10.2	11.0	12.0	18.6	49.5	729
040-110	4	15	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	10.2	12.5	12.0	18.6	54.3	741
		20	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	10.2	12.5	12.0	18.6	54.3	741
		25	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	8.1	13.1	12.5	13.1	20.6	59.6	742
		30	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	8.1	13.1	12.5	13.1	20.6	59.6	742
	6	3	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	8.0	12.5	12.0	17.1	49.8	740
		5	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	8.0	12.5	12.0	17.1	51.3	740
		7.5	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	10.2	12.5	12.0	18.6	54.3	741
		10	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	10.2	12.5	12.0	18.6	54.3	741
040-135	4	20	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	7.3	10.2	12.5	12.7	19.3	54.3	746
		25	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	7.3	13.1	12.5	12.7	20.1	59.3	748
		30	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	7.3	13.1	12.5	12.7	20.1	58.1	748
		40	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	7.3	14.6	12.5	12.7	20.9	60.4	745
		50	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	7.3	14.6	12.5	12.7	20.9	60.4	745
	6	5	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	8.0	12.5	13.0	18.1	51.3	747
		7.5	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	7.3	10.2	12.5	12.7	19.3	54.3	746
		10	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	7.3	10.2	12.5	12.7	19.3	54.3	746
		15	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	7.3	13.1	12.5	12.7	20.1	58.1	748

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [inch]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
040-150	4	50	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	10.8	14.6	14.0	16.1	24.4	62.6	764
		60	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	10.8	18.1	14.0	16.1	26.2	66.4	761
		75	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	10.8	18.1	14.0	16.1	26.2	66.4	761
		100	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	10.8	19.4	14.0	16.1	27.6	71.9	762
		125	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	11.4	23.8	14.0	16.8	30.0	80.4	774
		150	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	11.4	23.8	14.0	16.8	30.0	80.4	774
	6	15	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	10.8	13.1	14.0	16.1	23.6	60.4	759
		20	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	10.8	13.1	14.0	16.1	23.6	60.4	759
		25	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	10.8	14.6	14.0	16.1	24.4	62.6	764
		30	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	10.8	14.6	14.0	16.1	24.4	62.6	764
		40	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	10.8	18.1	14.0	16.1	26.2	66.4	761
050-070	2	25	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	12.2	11.0	12.1	18.8	49.6	714
		30	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	12.2	11.0	12.1	18.8	49.6	714
		40	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.9	13.8	11.0	12.2	19.7	53.5	715
		50	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.9	14.7	11.0	12.2	20.4	53.4	715
		60	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	11.6	18.1	11.0	15.6	25.7	56.7	749
		75	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	11.6	18.1	11.0	15.6	25.7	56.7	749
	4	3	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	6.9	11.0	12.1	15.7	41.4	712
		5	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	6.9	11.0	12.1	16.4	42.9	712
		7.5	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	8.0	11.0	12.1	17.3	43.6	712
		10	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	8.0	11.0	12.1	17.3	45.1	712
	6	0.75	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	5.7	11.0	12.1	15.7	37.4	711
		1	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	5.7	11.0	12.1	15.7	38.4	711
		1.5	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	6.9	11.0	12.1	15.7	41.4	712
		2	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	6.9	11.0	12.1	16.4	42.9	712
		3	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	8.0	11.0	12.1	17.3	43.6	712
050-095	4	10	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	6.7	8.0	14.0	12.7	17.8	48.2	730
		15	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	6.7	10.2	14.0	12.7	19.3	51.1	731
		20	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	6.7	10.2	14.0	12.7	19.3	51.1	731
		25	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	6.7	13.1	14.0	12.7	20.1	56.4	731
		30	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	6.7	13.1	14.0	12.7	20.1	56.4	731
	6	3	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	6.7	8.0	14.0	12.7	17.8	46.7	730
		5	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	6.7	8.0	14.0	12.7	17.8	48.2	730
		7.5	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	6.7	10.2	14.0	12.7	19.3	51.1	731
		10	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	6.7	10.2	14.0	12.7	19.3	51.1	731
050-110	4	20	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	7.3	10.2	14.0	12.7	19.3	55.0	744
		25	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	7.3	13.1	14.0	12.7	20.1	59.3	748
		30	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	7.3	13.1	14.0	12.7	20.1	59.3	748
		40	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	7.3	14.6	14.0	12.7	20.9	61.6	745
	6	5	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	6.9	8.0	14.0	13.0	18.1	52.8	743
		7.5	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	7.3	10.2	14.0	12.7	19.3	55.0	744
		10	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	7.3	10.2	14.0	12.7	19.3	55.0	744
		15	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	7.3	13.1	14.0	12.7	20.1	59.3	748
050-135	4	25	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	13.1	14.0	16.1	23.6	60.4	759
		30	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	13.1	14.0	16.1	23.6	60.4	759
		40	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	14.6	14.0	16.1	24.4	62.6	764
		50	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	14.6	14.0	16.1	24.4	62.6	764
		60	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	18.1	14.0	16.1	26.2	66.4	761
		75	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	18.1	14.0	16.1	26.2	66.4	761
	6	10	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	11.8	10.2	14.0	16.1	22.8	56.2	758
		15	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	13.1	14.0	16.1	23.6	60.4	759
		20	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	13.1	14.0	16.1	23.6	60.4	759

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [inch]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
050-150	4	75	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	18.1	15.8	17.6	27.7	67.0	765
		100	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	19.4	15.8	17.6	29.1	71.9	766
		125	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	9.8	23.8	15.8	17.1	30.3	80.4	775
		150	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	9.8	23.8	15.8	17.1	30.3	80.4	775
		200	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	9.8	23.8	15.8	17.1	30.3	83.7	775
	6	25	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	14.6	15.8	17.6	25.9	62.9	763
		30	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	14.6	15.8	17.6	25.9	62.9	763
		40	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	18.1	15.8	17.6	27.7	67.0	765
		50	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	18.1	15.8	17.6	27.7	67.0	765
		60	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	19.4	15.8	17.6	29.1	71.9	766
060-095	4	15	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	10.8	10.2	14.8	16.1	22.8	52.4	751
		20	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	10.8	10.2	14.8	16.1	22.8	52.4	751
		25	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	10.8	13.1	14.8	16.1	23.6	57.4	752
		30	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	10.8	13.1	14.8	16.1	23.6	57.4	752
		40	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	10.8	14.6	14.8	16.1	24.4	59.9	753
	6	5	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	10.8	8.0	14.8	16.1	21.3	50.4	750
		7.5	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	10.8	10.2	14.8	16.1	22.8	52.4	751
		10	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	10.8	10.2	14.8	16.1	22.8	52.4	751
		15	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	10.8	13.1	14.8	16.1	23.6	57.4	752
060-110	4	30	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	10.8	13.1	14.8	16.1	23.6	61.1	759
		40	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	10.8	14.6	14.8	16.1	24.4	63.9	760
		50	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	10.8	14.6	14.8	16.1	24.4	63.9	760
		60	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	10.8	18.1	14.8	16.1	26.2	67.2	761
	6	7.5	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	11.8	10.2	14.8	16.1	22.8	57.3	758
		10	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	11.8	10.2	14.8	16.1	22.8	56.9	758
		15	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	10.8	13.1	14.8	16.1	23.6	61.1	759
		20	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	10.8	13.1	14.8	16.1	23.6	61.1	759
060-135	4	40	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.1	14.6	15.8	14.2	22.4	64.0	770
		50	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.1	14.6	15.8	14.2	22.4	64.0	770
		60	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.3	18.1	15.8	14.4	24.5	67.8	771
		75	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.3	18.1	15.8	14.4	24.5	67.8	771
		100	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.8	19.4	15.8	15.5	27.0	73.5	773
		125	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	11.4	23.8	15.8	16.8	30.0	81.2	774
	6	10	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.1	10.2	15.8	14.2	20.8	57.3	768
		15	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.1	13.1	15.8	14.2	21.6	61.7	769
		20	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.1	13.1	15.8	14.2	21.6	61.7	769
		25	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.1	14.6	15.8	14.2	22.4	64.0	770
		30	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.1	14.6	15.8	14.2	22.4	64.0	770
060-150	4	125	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.8	23.8	17.8	17.1	30.3	86.6	778
		150	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.8	23.8	17.8	17.1	30.3	86.6	778
		200	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.8	23.8	17.8	17.1	30.3	89.9	779
		250	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.8	23.8	17.8	17.1	30.3	89.9	779
	6	40	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.1	18.1	17.8	15.7	25.8	74.2	776
		50	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.1	18.1	17.8	15.7	25.8	74.2	776
		60	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.1	19.4	17.8	15.7	27.1	78.8	777
		75	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.1	19.4	17.8	15.7	27.1	78.8	777
		100	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.8	23.8	17.8	17.1	30.3	86.6	778

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [inch]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
080-135	4	60	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	6.3	6.3	9.8	18.1	14.0	18.3	28.4	67.8	782
		75	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	6.3	6.3	9.8	18.1	14.0	18.3	28.4	67.8	782
		100	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	6.3	6.3	9.8	19.4	14.0	18.3	29.8	73.5	784
		125	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	6.3	6.3	12.0	23.8	14.0	21.0	34.3	81.2	785
		150	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	6.3	6.3	12.0	23.8	14.0	21.0	34.3	81.2	785
		200	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	6.3	6.3	12.0	23.8	14.0	21.0	34.3	84.4	785
	6	15	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	6.3	6.3	9.3	13.1	14.0	18.3	25.7	61.7	780
		20	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	6.3	6.3	9.3	13.1	14.0	18.3	25.7	61.7	780
		25	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	6.3	6.3	9.3	14.6	14.0	18.3	26.5	64.0	781
		30	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	6.3	6.3	9.3	14.6	14.0	18.3	26.5	64.0	781
		40	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	6.3	6.3	9.8	18.1	14.0	18.3	28.4	67.8	782
		50	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	6.3	6.3	9.8	18.1	14.0	18.3	28.4	67.8	782
080-150	4	125	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	7.3	7.3	10.6	23.8	15.8	20.9	34.1	89.0	789
		150	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	7.3	7.3	10.6	23.8	15.8	20.9	34.1	89.0	789
		200	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	7.3	7.3	10.6	23.8	15.8	20.9	34.1	92.2	793
		250	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	7.3	7.3	10.6	23.8	15.8	20.9	34.1	92.2	793
	6	40	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	7.3	7.3	9.8	18.1	15.8	20.3	30.4	75.2	786
		50	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	7.3	7.3	9.8	18.1	15.8	20.3	30.4	75.2	787
		60	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	7.3	7.3	9.8	19.4	15.8	20.3	31.8	81.5	788
		75	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	7.3	7.3	9.8	19.4	15.8	20.3	31.8	81.5	788
100-150	4	150	150/300	11.8	9.8	12xø1	16x1 1/4	12xø1	16x1 1/8	6.5	7.9	10.6	23.8	19.8	22.9	36.1	89.9	792
		200	150/300	11.8	9.8	12xø1	16x1 1/4	12xø1	16x1 1/8	6.5	7.9	10.6	23.8	19.8	22.9	36.1	93.2	794
		250	150/300	11.8	9.8	12xø1	16x1 1/4	12xø1	16x1 1/8	6.5	7.9	10.6	23.8	19.8	22.9	36.1	93.2	794
	6	50	150/300	11.8	9.8	12xø1	16x1 1/4	12xø1	16x1 1/8	6.5	7.9	11.4	18.1	19.8	24.3	34.4	76.2	790
		60	150/300	11.8	9.8	12xø1	16x1 1/4	12xø1	16x1 1/8	6.5	7.9	10.6	19.4	19.8	22.9	34.4	82.5	791
		75	150/300	11.8	9.8	12xø1	16x1 1/4	12xø1	16x1 1/8	6.5	7.9	10.6	19.4	19.8	22.9	34.4	82.5	791
		100	150/300	11.8	9.8	12xø1	16x1 1/4	12xø1	16x1 1/8	6.5	7.9	10.6	23.8	19.8	22.9	36.1	89.9	792

Dimensions in mm.

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [mm]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
012-070	2	3	150/300	50	32	4x19	8x19	4x16	4x19	79	79	160	174	178	201	293	951	684
		5	150/300	50	32	4x19	8x19	4x16	4x19	79	79	160	175	178	201	311	989	684
		7.5	150/300	50	32	4x19	8x19	4x16	4x19	79	79	160	203	178	203	334	1006	685
		7.5	150/300	50	32	4x19	8x19	4x16	4x19	79	79	160	203	178	203	334	1006	685
		10	150/300	50	32	4x19	8x19	4x16	4x19	79	79	160	203	178	203	334	1045	685
		15	150/300	50	32	4x19	8x19	4x16	4x19	79	79	175	259	178	228	397	1123	690
		15	150/300	50	32	4x19	8x19	4x16	4x19	79	79	175	259	178	228	397	1123	690
	4	0.5	150/300	50	32	4x19	8x19	4x16	4x19	79	79	145	146	178	201	293	849	681
		0.75	150/300	50	32	4x19	8x19	4x16	4x19	79	79	145	146	178	201	293	849	681
		1	150/300	50	32	4x19	8x19	4x16	4x19	79	79	145	146	178	201	293	849	681
		1.5	150/300	50	32	4x19	8x19	4x16	4x19	79	79	145	146	178	201	293	874	681
015-070	2	5	150/300	65	40	4x19	8x22.3	4x16	4x22.3	79	79	160	175	178	201	311	1016	686
		7.5	150/300	65	40	4x19	8x22.3	4x16	4x22.3	79	79	160	203	178	203	334	1033	685
		10	150/300	65	40	4x19	8x22.3	4x16	4x22.3	79	79	160	203	178	203	334	1072	685
		15	150/300	65	40	4x19	8x22.3	4x16	4x22.3	79	79	175	259	178	228	397	1139	691
		20	150/300	65	40	4x19	8x22.3	4x16	4x22.3	79	79	175	259	178	228	397	1139	691
	4	0.75	150/300	65	40	4x19	8x22.3	4x16	4x22.3	79	79	145	146	178	201	293	849	681
		1	150/300	65	40	4x19	8x22.3	4x16	4x22.3	79	79	145	146	178	201	293	849	681
		1.5	150/300	65	40	4x19	8x22.3	4x16	4x22.3	79	79	145	146	178	201	293	874	681
		2	150/300	65	40	4x19	8x22.3	4x16	4x22.3	79	79	145	146	178	201	293	874	681
		3	150/300	65	40	4x19	8x22.3	4x16	4x22.3	79	79	145	174	178	201	293	951	682
015-090	2	15	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	165	259	229	246	414	1161	699
		20	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	165	259	229	246	414	1161	699
		25	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	185	310	229	260	428	1197	700
		30	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	185	310	229	260	428	1197	700
		40	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	205	351	229	300	489	1329	716
	4	1.5	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	150	146	229	246	337	923	695
		2	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	150	146	229	246	337	923	695
		3	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	150	174	229	246	337	1000	696
		5	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	150	174	229	246	355	1038	696
015-095	2	15	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	165	259	229	246	414	1161	699
		20	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	165	259	229	246	414	1161	699
		25	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	185	310	229	260	428	1197	700
		30	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	185	310	229	260	428	1197	700
		40	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	205	351	229	300	489	1329	716
		50	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	205	374	229	300	509	1326	716
	4	2	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	150	146	229	246	337	923	695
		3	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	150	174	229	246	337	1000	696
		5	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	150	175	229	246	355	1038	696
		7.5	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	150	203	229	246	376	1056	697
020-095	2	15	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	165	259	229	246	414	1186	699
		20	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	165	259	229	246	414	1186	699
		25	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	185	310	229	260	428	1229	703
		30	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	185	310	229	260	428	1229	703
		40	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	205	351	229	300	489	1354	716
		50	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	205	374	229	300	509	1351	716
		60	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	295	460	229	396	653	1415	754
		60	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	295	460	229	396	653	1415	754
	4	2	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	150	146	229	246	337	923	695
		3	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	150	174	229	246	337	1000	696
		5	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	150	175	229	246	355	1038	696
		7.5	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	150	203	229	246	376	1056	697

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [mm]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
020-110	4	5	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	150	175	229	246	355	1038	696
		7.5	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	150	203	229	246	376	1056	697
		10	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	150	203	229	246	376	1094	697
		15	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	150	259	229	246	414	1161	701
020-135	4	7.5	150/300	80	50	4x19	8x22.3	4x19	8x19	127	127	165	203	279	304	434	1223	708
		10	150/300	80	50	4x19	8x22.3	4x19	8x19	127	127	165	203	279	304	434	1261	708
		15	150/300	80	50	4x19	8x22.3	4x19	8x19	127	127	165	259	279	304	472	1326	709
		20	150/300	80	50	4x19	8x22.3	4x19	8x19	127	127	165	259	279	304	472	1326	709
		25	150/300	80	50	4x19	8x22.3	4x19	8x19	127	127	165	333	279	304	493	1438	710
025-070	2	7.5	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	195	203	203	244	374	1078	689
		10	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	195	203	203	244	374	1116	689
		15	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	195	259	203	246	414	1169	692
		20	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	195	259	203	246	414	1169	692
		25	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	190	310	203	265	433	1219	694
		30	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	190	310	203	265	433	1219	694
	4	1	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	180	146	203	244	335	871	687
		1.5	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	180	146	203	244	335	896	687
		2	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	180	146	203	244	335	896	687
		3	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	180	174	203	244	335	973	688
		5	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	180	175	203	244	353	1011	688
025-095	2	25	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	225	310	254	318	487	1229	733
		30	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	225	310	254	318	487	1229	733
		40	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	205	351	254	300	489	1344	734
		50	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	205	374	254	300	509	1341	734
		60	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	295	460	254	395	652	1415	755
		75	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	295	460	254	395	652	1415	755
		75	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	295	460	254	395	652	1415	755
	4	3	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	175	174	254	278	370	1000	721
		5	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	175	175	254	278	387	1063	721
		7.5	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	175	203	254	278	409	1081	722
		10	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	175	203	254	278	409	1119	722
	6	1	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	170	146	254	271	363	923	720
		1.5	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	175	174	254	278	370	1000	721
		2	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	175	175	254	278	387	1063	721
		3	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	175	203	254	278	409	1081	722
025-110	4	7.5	150/300	80	65	4x19	8x22.3	4x19	8x22.3	127	127	205	203	279	308	439	1223	717
		10	150/300	80	65	4x19	8x22.3	4x19	8x22.3	127	127	205	203	279	308	439	1261	717
		15	150/300	80	65	4x19	8x22.3	4x19	8x22.3	127	127	205	259	279	308	477	1326	718
	6	2	150/300	80	65	4x19	8x22.3	4x19	8x22.3	127	127	205	175	279	308	417	1205	717
		3	150/300	80	65	4x19	8x22.3	4x19	8x22.3	127	127	205	203	279	308	439	1223	717
		5	150/300	80	65	4x19	8x22.3	4x19	8x22.3	127	127	205	203	279	308	439	1261	717
030-070	2	15	150/300	100	80	8x19	8x22.3	4x19	8x22.3	102	102	195	259	229	246	414	1169	692
		20	150/300	100	80	8x19	8x22.3	4x19	8x22.3	102	102	195	259	229	246	414	1169	692
		25	150/300	100	80	8x19	8x22.3	4x19	8x22.3	102	102	190	310	229	265	433	1199	694
		30	150/300	100	80	8x19	8x22.3	4x19	8x22.3	102	102	190	310	229	265	433	1199	694
		40	150/300	100	80	8x19	8x22.3	4x19	8x22.3	102	102	225	351	229	311	500	1333	713
	4	1.5	150/300	100	80	8x19	8x22.3	4x19	8x22.3	102	102	180	146	229	244	335	896	693
		2	150/300	100	80	8x19	8x22.3	4x19	8x22.3	102	102	180	146	229	244	335	896	693
		3	150/300	100	80	8x19	8x22.3	4x19	8x22.3	102	102	180	174	229	244	335	973	688
		5	150/300	100	80	8x19	8x22.3	4x19	8x22.3	102	102	180	175	229	244	353	1011	688

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [mm]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
030-095	2	40	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	205	351	279	300	489	1443	736
		50	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	205	374	279	300	509	1441	736
		60	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	295	460	279	395	652	1505	756
		75	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	295	460	279	395	652	1505	756
		100	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	275	491	279	386	688	1596	757
		125	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	290	576	279	426	762	1746	767
	4	5	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	175	175	279	278	387	1141	723
		7.5	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	175	203	279	278	409	1166	724
		10	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	175	203	279	278	409	1179	724
		15	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	190	259	279	298	467	1244	725
	6	1.5	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	175	174	279	278	370	1103	723
		2	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	175	175	279	278	387	1141	723
		3	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	175	203	279	278	409	1166	724
		5	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	175	203	279	278	409	1179	724
030-110	4	10	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	175	203	318	278	409	1291	738
		15	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	190	259	318	298	467	1356	739
		20	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	190	259	318	298	467	1356	739
	6	3	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	175	203	318	278	409	1223	738
		5	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	175	203	318	278	409	1291	738
		7.5	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	190	259	318	298	467	1356	739
030-135	4	15	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	185	259	318	322	490	1326	744
		20	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	185	259	318	322	490	1356	744
		25	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	185	333	318	322	511	1493	748
		30	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	185	333	318	322	511	1493	748
		40	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	185	371	318	322	531	1551	745
	6	5	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	175	203	318	329	460	1261	747
		7.5	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	185	259	318	322	490	1356	744
		10	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	185	259	318	322	490	1356	744
		15	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	185	333	318	322	511	1493	748
040-070	2	20	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	190	259	254	259	427	1224	706
		25	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	180	310	254	275	443	1260	707
		30	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	180	310	254	275	443	1260	707
		40	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	225	351	254	310	499	1353	719
		50	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	225	374	254	310	519	1351	719
	4	2	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	160	146	254	246	337	976	704
		3	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	160	174	254	246	337	1052	705
		5	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	160	175	254	246	355	1090	705
		7.5	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	160	203	254	246	376	1108	705
	6	0.75	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	160	146	254	246	337	950	704
		1	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	160	146	254	246	337	976	704
		1.5	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	160	174	254	246	337	1052	705
		2	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	160	175	254	246	355	1090	705

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [mm]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
040-095	2	60	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	295	460	279	396	652	1517	756
		75	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	295	460	279	396	652	1517	756
		100	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	275	491	279	386	687	1609	757
		125	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	290	576	279	427	763	1759	767
		150	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	290	576	279	427	763	1759	767
	4	7.5	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	203	279	304	434	1154	727
		10	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	203	279	304	434	1192	728
		15	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	259	279	304	472	1257	729
		20	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	259	279	304	472	1257	729
	6	2	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	175	279	304	413	1129	726
		3	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	203	279	304	434	1154	727
		5	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	203	279	304	434	1192	728
		7.5	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	259	279	304	472	1257	729
040-110	4	15	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	259	318	304	472	1379	741
		20	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	259	318	304	472	1379	741
		25	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	205	333	318	334	523	1513	742
		30	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	205	333	318	334	523	1513	742
	6	3	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	203	318	304	434	1266	740
		5	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	203	318	304	434	1304	740
		7.5	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	259	318	304	472	1379	741
		10	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	259	318	304	472	1379	741
040-135	4	20	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	185	259	318	322	490	1379	746
		25	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	185	333	318	322	511	1506	748
		30	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	185	333	318	322	511	1476	748
		40	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	185	371	318	322	531	1534	745
		50	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	185	371	318	322	531	1534	745
	6	5	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	203	318	329	460	1304	747
		7.5	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	185	259	318	322	490	1379	746
		10	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	185	259	318	322	490	1379	746
		15	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	185	333	318	322	511	1476	748
040-150	4	50	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	275	371	356	409	618	1591	764
		60	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	275	460	356	409	666	1687	761
		75	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	275	460	356	409	666	1687	761
		100	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	275	492	356	409	701	1827	762
		125	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	290	605	356	426	763	2043	774
		150	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	290	605	356	426	763	2043	774
	6	15	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	275	333	356	409	598	1533	759
		20	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	275	333	356	409	598	1533	759
		25	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	275	371	356	409	618	1591	764
		30	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	275	371	356	409	618	1591	764
		40	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	275	460	356	409	666	1687	761

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [mm]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
050-070	2	25	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	310	279	308	477	1260	714
		30	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	310	279	308	477	1260	714
		40	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	225	351	279	310	499	1358	715
		50	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	225	374	279	310	519	1356	715
		60	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	295	460	279	395	652	1439	749
		75	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	295	460	279	395	652	1439	749
	4	3	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	174	279	308	400	1052	712
		5	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	175	279	308	417	1090	712
		7.5	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	203	279	308	439	1108	712
		10	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	203	279	308	439	1146	712
	6	0.75	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	146	279	308	400	950	711
		1	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	146	279	308	400	976	711
		1.5	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	174	279	308	400	1052	712
		2	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	175	279	308	417	1090	712
		3	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	203	279	308	439	1108	712
050-095	4	10	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	170	203	356	322	453	1224	730
		15	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	170	259	356	322	490	1299	731
		20	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	170	259	356	322	490	1299	731
		25	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	170	333	356	322	511	1433	731
		30	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	170	333	356	322	511	1433	731
	6	3	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	170	203	356	322	453	1186	730
		5	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	170	203	356	322	453	1224	730
		7.5	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	170	259	356	322	490	1299	731
		10	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	170	259	356	322	490	1299	731
050-110	4	20	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	185	259	356	322	490	1397	744
		25	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	185	333	356	322	511	1506	748
		30	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	185	333	356	322	511	1506	748
		40	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	185	371	356	322	531	1564	745
	6	5	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	175	203	356	329	460	1340	743
		7.5	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	185	259	356	322	490	1397	744
		10	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	185	259	356	322	490	1397	744
		15	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	185	333	356	322	511	1506	748
050-135	4	25	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	333	356	409	598	1533	759
		30	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	333	356	409	598	1533	759
		40	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	371	356	409	618	1591	764
		50	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	371	356	409	618	1591	764
		60	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	460	356	409	666	1687	761
		75	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	460	356	409	666	1687	761
	6	10	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	300	259	356	409	578	1427	758
		15	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	333	356	409	598	1533	759
		20	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	333	356	409	598	1533	759
050-150	4	75	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	460	400	448	704	1702	765
		100	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	492	400	448	739	1827	766
		125	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	250	605	400	434	770	2043	775
		150	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	250	605	400	434	770	2043	775
		200	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	250	605	400	434	770	2125	775
	6	25	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	371	400	448	657	1597	763
		30	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	371	400	448	657	1597	763
		40	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	460	400	448	704	1702	765
		50	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	460	400	448	704	1702	765
		60	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	492	400	448	739	1827	766

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [mm]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
060-095	4	15	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	259	375	409	578	1330	751
		20	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	259	375	409	578	1330	751
		25	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	333	375	409	598	1458	752
		30	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	333	375	409	598	1458	752
		40	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	371	375	409	618	1522	753
	6	5	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	203	375	409	540	1279	750
		7.5	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	259	375	409	578	1330	751
		10	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	259	375	409	578	1330	751
		15	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	333	375	409	598	1458	752
060-110	4	30	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	333	375	409	598	1552	759
		40	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	371	375	409	618	1622	760
		50	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	371	375	409	618	1622	760
		60	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	460	375	409	666	1706	761
	6	7.5	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	300	259	375	409	578	1456	758
		10	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	300	259	375	409	578	1446	758
		15	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	333	375	409	598	1552	759
		20	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	333	375	409	598	1552	759
060-135	4	40	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	230	371	400	359	568	1625	770
		50	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	230	371	400	359	568	1625	770
		60	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	235	460	400	364	621	1721	771
		75	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	235	460	400	364	621	1721	771
		100	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	250	492	400	394	686	1867	773
		125	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	290	605	400	426	763	2062	774
	6	10	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	230	259	400	359	528	1455	768
		15	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	230	333	400	359	548	1567	769
		20	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	230	333	400	359	548	1567	769
		25	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	230	371	400	359	568	1625	770
		30	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	230	371	400	359	568	1625	770
060-150	4	125	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	250	605	451	434	770	2200	778
		150	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	250	605	451	434	770	2200	778
		200	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	250	605	451	434	770	2283	779
		250	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	250	605	451	434	770	2283	779
	6	40	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	230	460	451	398	654	1884	776
		50	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	230	460	451	398	654	1884	776
		60	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	230	492	451	398	689	2001	777
		75	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	230	492	451	398	689	2001	777
		100	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	250	605	451	434	770	2200	778
080-135	4	60	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	159	159	250	460	356	465	722	1721	782
		75	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	159	159	250	460	356	465	722	1721	782
		100	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	159	159	250	492	356	464	756	1867	784
		125	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	159	159	305	605	356	534	871	2062	785
		150	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	159	159	305	605	356	534	871	2062	785
		200	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	159	159	305	605	356	534	871	2145	785
	6	15	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	159	159	235	333	356	464	653	1567	780
		20	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	159	159	235	333	356	464	653	1567	780
		25	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	159	159	235	371	356	464	673	1625	781
		30	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	159	159	235	371	356	464	673	1625	781
		40	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	159	159	250	460	356	465	722	1721	782
		50	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	159	159	250	460	356	465	722	1721	782

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [mm]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
080-150	4	125	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	184	184	270	605	400	530	866	2259	789
		150	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	184	184	270	605	400	530	866	2259	789
		200	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	184	184	270	605	400	530	866	2342	793
		250	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	184	184	270	605	400	530	866	2342	793
	6	40	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	184	184	250	460	400	515	772	1909	786
		50	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	184	184	250	460	400	515	772	1909	787
		60	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	184	184	250	492	400	515	807	2069	788
		75	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	184	184	250	492	400	515	807	2069	788
100-150	4	150	150/300	300	250	12x25.4	16x31.75	12x25.4	16x28.4	165	200	270	605	502	581	917	2284	792
		200	150/300	300	250	12x25.4	16x31.75	12x25.4	16x28.4	165	200	270	605	502	581	917	2367	794
		250	150/300	300	250	12x25.4	16x31.75	12x25.4	16x28.4	165	200	270	605	502	581	917	2367	794
	6	50	150/300	300	250	12x25.4	16x31.75	12x25.4	16x28.4	165	200	290	460	502	616	873	1934	790
		60	150/300	300	250	12x25.4	16x31.75	12x25.4	16x28.4	165	200	270	492	502	581	872	2094	791
		75	150/300	300	250	12x25.4	16x31.75	12x25.4	16x28.4	165	200	270	492	502	581	872	2094	791
		100	150/300	300	250	12x25.4	16x31.75	12x25.4	16x28.4	165	200	270	605	502	581	917	2284	792

Dimensions for NK pumps with ODP motors and standard coupling

For more dimensions, see Section *12.1 NK, center-line outlet*.

Dimensions in inch.

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [inch]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
012-070	2	3	150/300	2.0	1.3	4x3/4	8x3/4	4xø0.63	4x3/4	3.1	3.1	6.3	5.6	7.0	7.9	11.2	29.8	578
		5	150/300	2.0	1.3	4x3/4	8x3/4	4xø0.63	4x3/4	3.1	3.1	6.3	6.8	7.0	7.9	11.9	33.4	579
		7.5	150/300	2.0	1.3	4x3/4	8x3/4	4xø0.63	4x3/4	3.1	3.1	6.3	6.8	7.0	8.0	11.9	33.4	579
		7.5	150/300	2.0	1.3	4x3/4	8x3/4	4xø0.63	4x3/4	3.1	3.1	6.3	6.8	7.0	8.0	11.9	33.4	579
		10	150/300	2.0	1.3	4x3/4	8x3/4	4xø0.63	4x3/4	3.1	3.1	6.3	7.9	7.0	8.0	12.8	33.7	580
		15	150/300	2.0	1.3	4x3/4	8x3/4	4xø0.63	4x3/4	3.1	3.1	6.9	7.9	7.0	9.0	12.8	34.8	580
		15	150/300	2.0	1.3	4x3/4	8x3/4	4xø0.63	4x3/4	3.1	3.1	6.9	7.9	7.0	9.0	12.8	34.8	580
	4	0.5	150/300	2.0	1.3	4x3/4	8x3/4	4xø0.63	4x3/4	3.1	3.1	5.7	5.6	7.0	7.9	11.2	27.6	576
		0.75	150/300	2.0	1.3	4x3/4	8x3/4	4xø0.63	4x3/4	3.1	3.1	5.7	5.6	7.0	7.9	11.2	27.6	576
		1	150/300	2.0	1.3	4x3/4	8x3/4	4xø0.63	4x3/4	3.1	3.1	5.7	5.6	7.0	7.9	11.2	27.6	576
		1.5	150/300	2.0	1.3	4x3/4	8x3/4	4xø0.63	4x3/4	3.1	3.1	5.7	5.6	7.0	7.9	11.2	29.4	576
015-070	2	5	150/300	2.6	1.6	4x3/4	8x7/8	4xø0.63	4x7/8	3.1	3.1	6.3	6.8	7.0	7.9	11.9	34.5	579
		7.5	150/300	2.6	1.6	4x3/4	8x7/8	4xø0.63	4x7/8	3.1	3.1	6.3	6.8	7.0	8.0	11.9	34.5	579
		10	150/300	2.6	1.6	4x3/4	8x7/8	4xø0.63	4x7/8	3.1	3.1	6.3	7.9	7.0	8.0	12.8	34.8	580
		15	150/300	2.6	1.6	4x3/4	8x7/8	4xø0.63	4x7/8	3.1	3.1	6.9	7.9	7.0	9.0	12.8	35.9	580
		20	150/300	2.6	1.6	4x3/4	8x7/8	4xø0.63	4x7/8	3.1	3.1	6.9	9.6	7.0	9.0	14.7	41.8	585
	4	0.75	150/300	2.6	1.6	4x3/4	8x7/8	4xø0.63	4x7/8	3.1	3.1	5.7	5.6	7.0	7.9	11.2	27.6	576
		1	150/300	2.6	1.6	4x3/4	8x7/8	4xø0.63	4x7/8	3.1	3.1	5.7	5.6	7.0	7.9	11.2	27.6	576
		1.5	150/300	2.6	1.6	4x3/4	8x7/8	4xø0.63	4x7/8	3.1	3.1	5.7	5.6	7.0	7.9	11.2	29.4	576
		2	150/300	2.6	1.6	4x3/4	8x7/8	4xø0.63	4x7/8	3.1	3.1	5.7	5.6	7.0	7.9	11.2	29.4	576
		3	150/300	2.6	1.6	4x3/4	8x7/8	4xø0.63	4x7/8	3.1	3.1	5.7	6.8	7.0	7.9	11.9	33.4	577
015-090	2	15	150/300	2.6	1.6	4x3/4	8x7/8	4xø0.63	4x7/8	4.0	4.0	6.5	7.9	9.0	9.7	14.5	36.8	591
		20	150/300	2.6	1.6	4x3/4	8x7/8	4xø0.63	4x7/8	4.0	4.0	6.5	9.6	9.0	9.7	15.4	42.7	592
		25	150/300	2.6	1.6	4x3/4	8x7/8	4xø0.63	4x7/8	4.0	4.0	7.3	9.6	9.0	10.2	15.4	42.7	592
		30	150/300	2.6	1.6	4x3/4	8x7/8	4xø0.63	4x7/8	4.0	4.0	7.3	12.2	9.0	10.2	16.9	42.0	593
		40	150/300	2.6	1.6	4x3/4	8x7/8	4xø0.63	4x7/8	4.0	4.0	8.1	12.2	9.0	11.8	16.9	42.0	593
	4	1.5	150/300	2.6	1.6	4x3/4	8x7/8	4xø0.63	4x7/8	4.0	4.0	5.9	5.6	9.0	9.7	13.0	32.0	588
		2	150/300	2.6	1.6	4x3/4	8x7/8	4xø0.63	4x7/8	4.0	4.0	5.9	5.6	9.0	9.7	13.0	32.0	588
		3	150/300	2.6	1.6	4x3/4	8x7/8	4xø0.63	4x7/8	4.0	4.0	5.9	6.8	9.0	9.7	13.6	35.4	589
		5	150/300	2.6	1.6	4x3/4	8x7/8	4xø0.63	4x7/8	4.0	4.0	5.9	6.8	9.0	9.7	13.6	35.4	589
015-095	2	15	150/300	2.6	1.6	4x3/4	8x7/8	4xø0.63	4x7/8	4.0	4.0	6.5	7.9	9.0	9.7	14.5	36.8	591
		20	150/300	2.6	1.6	4x3/4	8x7/8	4xø0.63	4x7/8	4.0	4.0	6.5	9.6	9.0	9.7	15.4	42.7	592
		25	150/300	2.6	1.6	4x3/4	8x7/8	4xø0.63	4x7/8	4.0	4.0	7.3	9.6	9.0	10.2	15.4	42.7	592
		30	150/300	2.6	1.6	4x3/4	8x7/8	4xø0.63	4x7/8	4.0	4.0	7.3	12.2	9.0	10.2	16.9	42.0	593
		40	150/300	2.6	1.6	4x3/4	8x7/8	4xø0.63	4x7/8	4.0	4.0	8.1	12.2	9.0	11.8	16.9	42.0	593
		50	150/300	2.6	1.6	4x3/4	8x7/8	4xø0.63	4x7/8	4.0	4.0	8.1	12.2	9.0	11.8	18.4	44.5	608
	4	2	150/300	2.6	1.6	4x3/4	8x7/8	4xø0.63	4x7/8	4.0	4.0	5.9	5.6	9.0	9.7	13.0	32.0	588
		3	150/300	2.6	1.6	4x3/4	8x7/8	4xø0.63	4x7/8	4.0	4.0	5.9	6.8	9.0	9.7	13.6	35.4	589
		5	150/300	2.6	1.6	4x3/4	8x7/8	4xø0.63	4x7/8	4.0	4.0	5.9	6.8	9.0	9.7	13.6	35.4	589
		7.5	150/300	2.6	1.6	4x3/4	8x7/8	4xø0.63	4x7/8	4.0	4.0	5.9	7.9	9.0	9.7	14.5	35.6	590

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [inch]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
020-095	2	15	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	6.5	7.9	9.0	9.7	14.5	37.8	591
		20	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	6.5	9.6	9.0	9.7	15.4	43.7	592
		25	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	7.3	9.6	9.0	10.2	15.4	43.7	592
		30	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	7.3	12.2	9.0	10.2	16.9	42.9	593
		40	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	8.1	12.2	9.0	11.8	16.9	42.9	593
		50	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	8.1	12.2	9.0	11.8	18.4	46.3	608
		60	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	11.6	13.2	9.0	15.6	19.4	45.8	608
		60	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	11.6	13.2	9.0	15.6	19.4	45.8	608
	4	2	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	5.9	5.6	9.0	9.7	13.0	32.0	588
		3	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	5.9	6.8	9.0	9.7	13.6	35.4	589
		5	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	5.9	6.8	9.0	9.7	13.6	35.4	589
		7.5	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	5.9	7.9	9.0	9.7	14.5	35.6	590
020-110	4	5	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	5.9	6.8	9.0	9.7	13.6	35.4	589
		7.5	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	5.9	7.9	9.0	9.7	14.5	35.6	590
		10	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	5.9	7.9	9.0	9.7	14.5	36.8	590
		15	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	5.9	9.6	9.0	9.7	15.4	42.7	594
020-135	4	7.5	150/300	3.2	2.0	4x3/4	8x7/8	4x3/4	8x3/4	5.0	5.0	6.5	7.9	11.0	12.0	16.7	40.7	599
		10	150/300	3.2	2.0	4x3/4	8x7/8	4x3/4	8x3/4	5.0	5.0	6.5	7.9	11.0	12.0	16.7	41.8	599
		15	150/300	3.2	2.0	4x3/4	8x7/8	4x3/4	8x3/4	5.0	5.0	6.5	9.6	11.0	12.0	17.7	47.5	600
		20	150/300	3.2	2.0	4x3/4	8x7/8	4x3/4	8x3/4	5.0	5.0	6.5	9.6	11.0	12.0	17.7	47.5	600
		25	150/300	3.2	2.0	4x3/4	8x7/8	4x3/4	8x3/4	5.0	5.0	6.5	12.2	11.0	12.0	18.6	49.4	601
025-070	2	7.5	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.7	6.8	8.0	9.6	13.5	35.4	583
		10	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.7	7.9	8.0	9.6	14.4	35.6	583
		15	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.7	7.9	8.0	9.7	14.4	36.8	583
		20	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.7	9.6	8.0	9.7	15.4	42.7	586
		25	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.5	9.6	8.0	10.4	15.4	42.7	586
		30	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.5	12.2	8.0	10.4	17.1	42.0	587
	4	1	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.1	5.6	8.0	9.6	12.9	28.4	581
		1.5	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.1	5.6	8.0	9.6	12.9	30.3	581
		2	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.1	5.6	8.0	9.6	12.9	30.3	581
		3	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.1	6.8	8.0	9.6	13.5	34.3	582
		5	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.1	6.8	8.0	9.6	13.5	34.3	582
025-095	2	25	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	8.9	9.6	10.0	12.5	17.6	43.5	623
		30	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	8.9	12.2	10.0	12.5	19.2	43.2	624
		40	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	8.1	12.2	10.0	11.8	19.2	43.2	624
		50	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	8.1	12.2	10.0	11.8	18.5	46.3	625
		60	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	11.6	13.2	10.0	15.6	19.4	45.8	625
		75	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	11.6	13.2	10.0	15.6	23.2	46.9	643
		75	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	11.6	13.2	10.0	15.6	23.2	46.9	643
	4	3	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	6.9	6.8	10.0	11.0	14.9	35.4	612
		5	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	6.9	6.8	10.0	11.0	14.9	36.4	612
		7.5	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	6.9	7.9	10.0	11.0	15.7	36.6	613
		10	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	6.9	7.9	10.0	11.0	15.7	37.8	613
	6	1	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	6.7	6.8	10.0	10.7	14.0	32.0	611
		1.5	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	6.9	6.8	10.0	11.0	14.9	35.4	612
		2	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	6.9	6.8	10.0	11.0	14.9	36.4	612
		3	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	6.9	7.9	10.0	11.0	15.7	36.6	613

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [inch]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
025-110	4	7.5	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	8.1	7.9	11.0	12.1	16.9	40.7	609
		10	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	8.1	7.9	11.0	12.1	16.9	41.8	609
		15	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	8.1	9.6	11.0	12.1	17.9	47.5	610
	6	2	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	8.1	6.8	11.0	12.1	16.1	40.5	609
		3	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	8.1	7.9	11.0	12.1	16.9	40.7	609
		5	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	8.1	7.9	11.0	12.1	16.9	41.8	609
030-070	2	15	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.7	7.9	9.0	9.7	14.4	36.8	583
		20	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.7	9.6	9.0	9.7	15.4	42.7	586
		25	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.5	9.6	9.0	10.4	15.4	42.7	586
		30	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.5	12.2	9.0	10.4	17.1	42.0	587
		40	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	8.9	12.2	9.0	12.2	17.1	42.0	587
	4	1.5	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.1	5.6	9.0	9.6	12.9	30.3	581
		2	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.1	5.6	9.0	9.6	12.9	30.3	581
		3	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.1	6.8	9.0	9.6	13.5	34.3	582
		5	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.1	6.8	9.0	9.6	13.5	34.3	582
030-095	2	40	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	8.1	12.2	11.0	11.8	19.2	45.0	626
		50	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	8.1	12.2	11.0	11.8	18.5	48.1	627
		60	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	11.6	13.2	11.0	15.6	19.4	47.6	627
		75	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	11.6	13.2	11.0	15.6	23.2	48.6	644
		100	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	10.8	13.2	11.0	15.2	23.2	50.6	644
		125	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	11.4	16.4	11.0	16.8	23.6	56.8	645
	4	5	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	6.9	6.8	11.0	11.0	14.9	38.2	614
		7.5	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	6.9	7.9	11.0	11.0	15.7	38.4	615
		10	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	6.9	7.9	11.0	11.0	15.7	38.6	615
		15	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.5	9.6	11.0	11.7	17.5	44.5	616
	6	1.5	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	6.9	6.8	11.0	11.0	14.9	38.1	614
		2	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	6.9	6.8	11.0	11.0	14.9	38.2	614
		3	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	6.9	7.9	11.0	11.0	15.7	38.4	615
		5	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	6.9	7.9	11.0	11.0	15.7	38.6	615
030-110	4	10	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	6.9	7.9	12.5	11.0	15.7	43.0	629
		15	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.5	9.6	12.5	11.7	17.5	48.9	630
		20	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.5	9.6	12.5	11.7	17.5	48.9	630
	6	3	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	6.9	7.9	12.5	11.0	15.7	40.7	629
		5	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	6.9	7.9	12.5	11.0	15.7	43.0	629
		7.5	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.5	9.6	12.5	11.7	17.5	48.9	630
030-135	4	15	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.3	9.6	12.5	12.7	18.4	47.7	635
		20	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.3	9.6	12.5	12.7	18.4	48.9	635
		25	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.3	12.2	12.5	12.7	19.3	50.4	635
		30	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.3	12.2	12.5	12.7	19.3	51.4	635
		40	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.3	12.2	12.5	12.7	19.3	53.4	636
	6	5	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	6.9	7.9	12.5	13.0	17.7	41.8	634
		7.5	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.3	9.6	12.5	12.7	18.4	48.9	635
		10	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.3	9.6	12.5	12.7	18.4	48.9	635
		15	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.3	12.2	12.5	12.7	19.3	50.4	635

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [inch]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
040-070	2	20	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	7.5	9.6	10.0	10.2	15.9	43.7	597
		25	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	7.1	9.6	10.0	10.8	15.9	43.7	597
		30	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	7.1	12.2	10.0	10.8	17.5	43.0	598
		40	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	8.9	12.2	10.0	12.2	17.5	43.0	598
		50	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	8.9	12.2	10.0	12.2	18.8	46.0	605
	4	2	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	6.3	5.6	10.0	9.7	13.0	32.8	595
		3	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	6.3	6.8	10.0	9.7	13.6	36.4	596
		5	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	6.3	6.8	10.0	9.7	13.6	36.4	596
		7.5	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	6.3	7.9	10.0	9.7	14.5	36.6	596
	6	0.75	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	6.3	5.6	10.0	9.7	13.0	31.0	595
		1	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	6.3	5.6	10.0	9.7	13.0	32.8	595
		1.5	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	6.3	6.8	10.0	9.7	13.6	36.4	596
		2	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	6.3	6.8	10.0	9.7	13.6	36.4	596
040-095	2	60	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	11.6	13.2	11.0	15.6	19.7	48.5	628
		75	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	11.6	13.2	11.0	15.6	23.2	49.1	644
		100	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	10.8	13.2	11.0	15.2	23.2	51.1	644
		125	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	11.4	16.4	11.0	16.8	23.6	57.3	645
		150	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	11.4	16.4	11.0	16.8	23.6	55.5	645
	4	7.5	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	7.9	11.0	12.0	16.7	37.5	618
		10	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	7.9	11.0	12.0	16.7	39.1	619
		15	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	9.6	11.0	12.0	17.7	45.0	620
		20	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	9.6	11.0	12.0	17.7	45.0	620
	6	2	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	6.8	11.0	12.0	15.9	37.7	617
		3	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	7.9	11.0	12.0	16.7	37.5	618
		5	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	7.9	11.0	12.0	16.7	39.1	619
		7.5	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	9.6	11.0	12.0	17.7	45.0	620
040-110	4	15	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	9.6	12.5	12.0	17.7	49.4	632
		20	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	9.6	12.5	12.0	17.7	49.4	632
		25	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	8.1	12.2	12.5	13.1	19.8	51.1	633
		30	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	8.1	12.2	12.5	13.1	19.8	52.1	633
	6	3	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	7.9	12.5	12.0	16.7	42.3	631
		5	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	7.9	12.5	12.0	16.7	43.5	631
		7.5	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	9.6	12.5	12.0	17.7	49.4	632
		10	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	9.6	12.5	12.0	17.7	49.4	632
040-135	4	20	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	7.3	9.6	12.5	12.7	18.4	49.4	635
		25	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	7.3	12.2	12.5	12.7	19.3	50.9	635
		30	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	7.3	12.2	12.5	12.7	19.3	50.7	635
		40	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	7.3	12.2	12.5	12.7	19.3	52.8	636
		50	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	7.3	13.2	12.5	12.7	20.3	52.8	636
	6	5	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	7.9	12.5	13.0	17.7	43.5	634
		7.5	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	7.3	9.6	12.5	12.7	18.4	49.4	635
		10	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	7.3	9.6	12.5	12.7	18.4	49.4	635
		15	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	7.3	12.2	12.5	12.7	19.3	49.7	635

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [inch]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
040-150	4	50	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	10.8	13.2	14.0	16.1	23.7	54.7	648
		60	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	10.8	13.2	14.0	16.1	23.7	57.7	649
		75	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	10.8	14.0	14.0	17.1	25.5	61.7	649
		100	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	10.8	16.4	14.0	16.1	24.5	63.4	650
		125	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	11.4	16.4	14.0	16.8	24.5	63.4	650
		150	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	11.4	21.4	14.0	16.8	28.5	68.2	660
	6	15	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	10.8	12.2	14.0	16.1	22.8	51.9	647
		20	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	10.8	12.2	14.0	16.1	22.8	52.9	647
		25	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	10.8	12.2	14.0	16.1	22.8	54.7	648
		30	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	10.8	13.2	14.0	16.1	23.7	54.7	648
		40	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	10.8	13.2	14.0	16.1	23.7	57.7	649
050-070	2	25	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	9.6	11.0	12.1	17.9	43.7	606
		30	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	12.2	11.0	12.1	18.8	43.0	606
		40	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.9	12.2	11.0	12.2	18.8	43.0	606
		50	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.9	12.2	11.0	12.2	18.8	46.0	607
		60	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	11.6	13.2	11.0	15.6	19.8	45.5	607
		75	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	11.6	13.2	11.0	15.6	23.2	46.6	637
	4	3	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	6.8	11.0	12.1	16.1	36.4	603
		5	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	6.8	11.0	12.1	16.1	36.4	603
		7.5	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	7.9	11.0	12.1	16.9	36.6	603
		10	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	7.9	11.0	12.1	16.9	37.8	603
	6	0.75	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	5.6	11.0	12.1	15.4	31.0	602
		1	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	5.6	11.0	12.1	15.4	32.8	602
		1.5	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	6.8	11.0	12.1	16.1	36.4	603
		2	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	6.8	11.0	12.1	16.1	36.4	603
		3	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	7.9	11.0	12.1	16.9	36.6	603
050-095	4	10	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	6.7	7.9	14.0	12.7	17.5	40.3	621
		15	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	6.7	9.6	14.0	12.7	18.4	46.3	622
		20	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	6.7	9.6	14.0	12.7	18.4	46.3	622
		25	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	6.7	12.2	14.0	12.7	19.3	47.5	622
		30	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	6.7	12.2	14.0	12.7	19.3	48.5	622
	6	3	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	6.7	7.9	14.0	12.7	17.5	39.2	621
		5	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	6.7	7.9	14.0	12.7	17.5	40.3	621
		7.5	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	6.7	9.6	14.0	12.7	18.4	46.3	622
		10	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	6.7	9.6	14.0	12.7	18.4	46.3	622
050-110	4	20	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	7.3	9.6	14.0	12.7	18.4	49.4	635
		25	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	7.3	12.2	14.0	12.7	19.3	50.9	635
		30	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	7.3	12.2	14.0	12.7	19.3	51.9	635
		40	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	7.3	12.2	14.0	12.7	19.3	53.9	636
	6	5	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	6.9	7.9	14.0	13.0	17.7	43.5	634
		7.5	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	7.3	9.6	14.0	12.7	18.4	49.4	635
		10	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	7.3	9.6	14.0	12.7	18.4	49.4	635
		15	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	7.3	12.2	14.0	12.7	19.3	50.9	635
050-135	4	25	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	12.2	14.0	16.1	22.8	51.9	647
		30	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	12.2	14.0	16.1	22.8	52.9	647
		40	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	12.2	14.0	16.1	22.8	54.7	648
		50	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	13.2	14.0	16.1	23.7	54.7	648
		60	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	13.2	14.0	16.1	23.7	57.7	649
		75	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	14.0	14.0	17.1	25.5	61.7	649
	6	10	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	11.8	9.6	14.0	16.1	21.9	50.2	646
		15	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	12.2	14.0	16.1	22.8	51.9	647
		20	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	12.2	14.0	16.1	22.8	52.9	647

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [inch]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
050-150	4	75	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	14.0	15.8	17.6	26.0	61.7	652
		100	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	16.4	15.8	17.6	26.0	63.4	650
		125	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	9.8	16.4	15.8	17.1	26.0	63.4	650
		150	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	9.8	21.4	15.8	17.1	28.7	68.2	661
		200	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	9.8	21.4	15.8	17.1	29.0	68.0	661
	6	25	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	12.2	15.8	17.6	24.3	54.5	651
		30	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	13.2	15.8	17.6	25.2	54.5	651
		40	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	13.2	15.8	17.6	25.2	58.7	652
		50	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	14.0	15.8	17.6	26.0	61.7	652
		60	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	16.4	15.8	17.6	26.0	63.4	650
060-095	4	15	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	10.8	9.6	14.8	16.1	21.9	46.8	639
		20	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	10.8	9.6	14.8	16.1	21.9	46.8	639
		25	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	11.8	12.2	14.8	16.1	22.8	48.7	640
		30	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	11.8	12.2	14.8	16.1	22.8	49.7	640
		40	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	11.8	12.2	14.8	16.1	22.8	51.3	641
	6	5	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	10.8	7.9	14.8	16.1	20.9	41.1	638
		7.5	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	10.8	9.6	14.8	16.1	21.9	46.8	639
		10	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	10.8	9.6	14.8	16.1	21.9	46.8	639
		15	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	11.8	12.2	14.8	16.1	22.8	48.7	640
060-110	4	30	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	10.8	12.2	14.8	16.1	22.8	53.6	647
		40	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	10.8	12.2	14.8	16.1	22.8	55.5	648
		50	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	10.8	13.2	14.8	16.1	23.7	55.5	648
		60	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	10.8	13.2	14.8	16.1	23.7	58.5	649
	6	7.5	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	11.8	9.6	14.8	16.1	21.9	51.3	646
		10	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	11.8	9.6	14.8	16.1	21.9	50.9	646
		15	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	10.8	12.2	14.8	16.1	22.8	52.6	647
		20	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	10.8	12.2	14.8	16.1	22.8	53.6	647
060-135	4	40	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.1	12.2	15.8	14.2	20.8	55.5	656
		50	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.1	13.2	15.8	14.2	21.7	55.5	656
		60	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.3	13.2	15.8	14.4	21.9	58.8	657
		75	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.3	14.0	15.8	14.4	22.8	61.9	657
		100	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.8	16.4	15.8	15.5	23.9	62.9	658
		125	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	11.4	16.4	15.8	16.8	23.9	64.2	659
	6	10	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.1	9.6	15.8	14.2	19.9	50.7	654
		15	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.1	12.2	15.8	14.2	20.8	52.6	655
		20	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.1	12.2	15.8	14.2	20.8	53.6	655
		25	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.1	12.2	15.8	14.2	20.8	55.5	656
		30	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.1	13.2	15.8	14.2	21.7	55.5	656
060-150	4	125	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.8	16.4	17.8	17.1	24.1	69.4	663
		150	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.8	21.4	17.8	17.1	28.7	74.9	664
		200	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.8	21.4	17.8	17.1	29.0	74.8	664
		250	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.8	22.5	17.8	17.1	29.7	78.3	665
	6	40	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.1	13.2	17.8	15.7	23.2	64.7	662
		50	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.1	14.0	17.8	15.7	24.1	67.8	662
		60	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.1	16.4	17.8	15.7	24.1	69.4	663
		75	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.1	16.4	17.8	15.7	24.1	69.4	663
		100	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.8	21.4	17.8	17.1	28.7	74.9	664

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [inch]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
080-135	4	60	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	6.3	6.3	9.8	13.2	14.0	18.3	25.9	58.8	668
		75	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	6.3	6.3	9.8	14.0	14.0	18.3	26.7	61.9	668
		100	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	6.3	6.3	9.8	16.4	14.0	18.3	26.7	62.9	669
		125	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	6.3	6.3	12.0	16.4	14.0	21.0	26.7	64.2	670
		150	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	6.3	6.3	12.0	21.4	14.0	21.0	32.7	68.9	671
		200	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	6.3	6.3	12.0	21.4	14.0	21.0	32.9	68.8	671
	6	15	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	6.3	6.3	9.3	12.2	14.0	18.3	24.9	52.6	666
		20	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	6.3	6.3	9.3	12.2	14.0	18.3	24.9	53.6	666
		25	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	6.3	6.3	9.3	12.2	14.0	18.3	24.9	56.1	667
		30	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	6.3	6.3	9.3	13.2	14.0	18.3	25.9	56.1	667
		40	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	6.3	6.3	9.8	13.2	14.0	18.3	25.9	58.8	668
		50	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	6.3	6.3	9.8	14.0	14.0	18.3	26.7	61.9	668
080-150	4	125	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	7.3	7.3	10.6	16.4	15.8	20.9	28.7	70.4	674
		150	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	7.3	7.3	10.6	21.4	15.8	20.9	32.5	75.9	675
		200	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	7.3	7.3	10.6	21.4	15.8	20.9	32.8	75.8	675
		250	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	7.3	7.3	10.6	22.5	15.8	20.9	33.5	79.3	679
	6	40	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	7.3	7.3	9.8	13.2	15.8	20.3	27.9	65.7	672
		50	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	7.3	7.3	9.8	14.0	15.8	20.3	28.7	68.8	673
		60	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	7.3	7.3	9.8	16.4	15.8	20.3	28.7	70.4	674
		75	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	7.3	7.3	9.8	16.4	15.8	20.3	28.7	70.4	674
100-150	4	150	150/300	11.8	9.8	12xø1	16x1 1/4	12xø1	16x1 1/8	6.5	7.9	10.6	21.4	19.8	22.9	34.5	76.9	678
		200	150/300	11.8	9.8	12xø1	16x1 1/4	12xø1	16x1 1/8	6.5	7.9	10.6	21.4	19.8	22.9	34.8	76.8	678
		250	150/300	11.8	9.8	12xø1	16x1 1/4	12xø1	16x1 1/8	6.5	7.9	10.6	22.5	19.8	22.9	35.5	80.3	680
	6	50	150/300	11.8	9.8	12xø1	16x1 1/4	12xø1	16x1 1/8	6.5	7.9	11.4	14.0	19.8	24.3	32.7	69.8	676
		60	150/300	11.8	9.8	12xø1	16x1 1/4	12xø1	16x1 1/8	6.5	7.9	10.6	16.4	19.8	22.9	31.3	71.4	677
		75	150/300	11.8	9.8	12xø1	16x1 1/4	12xø1	16x1 1/8	6.5	7.9	10.6	16.4	19.8	22.9	31.3	71.4	677
		100	150/300	11.8	9.8	12xø1	16x1 1/4	12xø1	16x1 1/8	6.5	7.9	10.6	21.4	19.8	22.9	34.5	76.9	678

Dimensions in mm.

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [mm]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
012-070	2	3	150/300	50	32	4x19	8x19	4x16	4x19	79	79	160	142	178	201	285	757	578
		5	150/300	50	32	4x19	8x19	4x16	4x19	79	79	160	173	178	201	301	849	579
		7.5	150/300	50	32	4x19	8x19	4x16	4x19	79	79	160	173	178	201	301	849	579
		7.5	150/300	50	32	4x19	8x19	4x16	4x19	79	79	160	173	178	201	301	849	579
		10	150/300	50	32	4x19	8x19	4x16	4x19	79	79	160	201	178	203	325	856	580
		15	150/300	50	32	4x19	8x19	4x16	4x19	79	79	160	201	178	203	325	885	580
		15	150/300	50	32	4x19	8x19	4x16	4x19	79	79	160	201	178	203	325	885	580
	4	0.5	150/300	50	32	4x19	8x19	4x16	4x19	79	79	145	142	178	201	285	700	576
		0.75	150/300	50	32	4x19	8x19	4x16	4x19	79	79	145	142	178	201	285	700	576
		1	150/300	50	32	4x19	8x19	4x16	4x19	79	79	145	142	178	201	285	700	576
		1.5	150/300	50	32	4x19	8x19	4x16	4x19	79	79	145	142	178	201	285	748	576
015-070	2	5	150/300	65	40	4x19	8x22.3	4x16	4x22.3	79	79	160	173	178	201	301	876	579
		7.5	150/300	65	40	4x19	8x22.3	4x16	4x22.3	79	79	160	173	178	201	301	876	579
		10	150/300	65	40	4x19	8x22.3	4x16	4x22.3	79	79	160	201	178	203	325	883	580
		15	150/300	65	40	4x19	8x22.3	4x16	4x22.3	79	79	160	201	178	203	325	912	580
		20	150/300	65	40	4x19	8x22.3	4x16	4x22.3	79	79	175	245	178	228	374	1062	585
		0.75	150/300	65	40	4x19	8x22.3	4x16	4x22.3	79	79	145	142	178	201	285	700	576
	4	1	150/300	65	40	4x19	8x22.3	4x16	4x22.3	79	79	145	142	178	201	285	700	576
		1.5	150/300	65	40	4x19	8x22.3	4x16	4x22.3	79	79	145	142	178	201	285	748	576
		2	150/300	65	40	4x19	8x22.3	4x16	4x22.3	79	79	145	142	178	201	285	748	576
		3	150/300	65	40	4x19	8x22.3	4x16	4x22.3	79	79	145	173	178	201	301	849	577
015-090	2	15	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	165	201	229	246	367	934	591
		20	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	165	245	229	246	392	1085	592
		25	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	165	245	229	246	392	1085	592
		30	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	185	310	229	260	428	1066	593
		40	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	185	310	229	260	428	1066	593
	4	1.5	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	150	142	229	246	329	814	588
		2	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	150	142	229	246	329	814	588
		3	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	150	173	229	246	346	898	589
		5	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	150	173	229	246	346	899	589
015-095	2	15	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	165	201	229	246	367	934	591
		20	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	165	245	229	246	392	1085	592
		25	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	165	245	229	246	392	1085	592
		30	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	185	310	229	260	428	1066	593
		40	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	185	310	229	260	428	1066	593
		50	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	205	310	229	300	468	1130	608
	4	2	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	150	142	229	246	329	814	588
		3	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	150	173	229	246	346	898	589
		5	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	150	173	229	246	346	899	589
		7.5	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	150	201	229	246	367	905	590
020-095	2	15	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	165	201	229	246	367	959	591
		20	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	165	245	229	246	392	1110	592
		25	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	165	245	229	246	392	1110	592
		30	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	185	310	229	260	428	1091	593
		40	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	185	310	229	260	428	1091	593
		50	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	205	310	229	300	468	1175	608
		60	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	205	336	229	300	493	1162	608
		60	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	205	336	229	300	493	1162	608
	4	2	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	150	142	229	246	329	814	588
		3	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	150	173	229	246	346	898	589
		5	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	150	173	229	246	346	899	589
		7.5	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	150	201	229	246	367	905	590

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [mm]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
020-110	4	5	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	150	173	229	246	346	899	589
		7.5	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	150	201	229	246	367	905	590
		10	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	150	201	229	246	367	934	590
		15	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	150	245	229	246	392	1085	594
020-135	4	7.5	150/300	80	50	4x19	8x22.3	4x19	8x19	127	127	165	201	279	304	425	1033	599
		10	150/300	80	50	4x19	8x22.3	4x19	8x19	127	127	165	201	279	304	425	1061	599
		15	150/300	80	50	4x19	8x22.3	4x19	8x19	127	127	165	245	279	304	450	1207	600
		20	150/300	80	50	4x19	8x22.3	4x19	8x19	127	127	165	245	279	304	450	1207	600
		25	150/300	80	50	4x19	8x22.3	4x19	8x19	127	127	165	309	279	304	472	1255	601
025-070	2	7.5	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	195	173	203	244	344	899	583
		10	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	195	201	203	244	365	905	583
		15	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	195	201	203	244	365	934	583
		20	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	195	245	203	246	392	1085	586
		25	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	195	245	203	246	392	1085	586
		30	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	190	310	203	265	433	1066	587
	4	1	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	180	142	203	244	327	722	581
		1.5	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	180	142	203	244	327	770	581
		2	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	180	142	203	244	327	770	581
		3	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	180	173	203	244	344	872	582
		5	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	180	173	203	244	344	872	582
025-095	2	25	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	205	245	254	300	446	1106	623
		30	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	225	310	254	318	487	1098	624
		40	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	225	310	254	318	487	1098	624
		50	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	205	310	254	300	469	1175	625
		60	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	205	336	254	300	493	1162	625
		75	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	295	334	254	395	588	1190	643
		75	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	295	334	254	395	588	1190	643
	4	3	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	175	173	254	278	378	898	612
		5	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	175	173	254	278	378	924	612
		7.5	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	175	201	254	278	400	930	613
		10	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	175	201	254	278	400	959	613
	6	1	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	170	173	254	271	355	814	611
		1.5	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	175	173	254	278	378	898	612
		2	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	175	173	254	278	378	924	612
		3	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	175	201	254	278	400	930	613
025-110	4	7.5	150/300	80	65	4x19	8x22.3	4x19	8x22.3	127	127	205	201	279	308	430	1033	609
		10	150/300	80	65	4x19	8x22.3	4x19	8x22.3	127	127	205	201	279	308	430	1061	609
		15	150/300	80	65	4x19	8x22.3	4x19	8x22.3	127	127	205	245	279	308	454	1207	610
	6	2	150/300	80	65	4x19	8x22.3	4x19	8x22.3	127	127	205	173	279	308	408	1028	609
		3	150/300	80	65	4x19	8x22.3	4x19	8x22.3	127	127	205	201	279	308	430	1033	609
		5	150/300	80	65	4x19	8x22.3	4x19	8x22.3	127	127	205	201	279	308	430	1061	609
030-070	2	15	150/300	100	80	8x19	8x22.3	4x19	8x22.3	102	102	195	201	229	244	365	934	583
		20	150/300	100	80	8x19	8x22.3	4x19	8x22.3	102	102	195	245	229	246	392	1085	586
		25	150/300	100	80	8x19	8x22.3	4x19	8x22.3	102	102	195	245	229	246	392	1085	586
		30	150/300	100	80	8x19	8x22.3	4x19	8x22.3	102	102	190	310	229	265	433	1066	587
		40	150/300	100	80	8x19	8x22.3	4x19	8x22.3	102	102	190	310	229	265	433	1066	587
	4	1.5	150/300	100	80	8x19	8x22.3	4x19	8x22.3	102	102	180	142	229	244	327	770	581
		2	150/300	100	80	8x19	8x22.3	4x19	8x22.3	102	102	180	142	229	244	327	770	581
		3	150/300	100	80	8x19	8x22.3	4x19	8x22.3	102	102	180	173	229	244	344	871	582
		5	150/300	100	80	8x19	8x22.3	4x19	8x22.3	102	102	180	173	229	244	344	872	582

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [mm]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
030-095	2	40	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	225	310	279	318	487	1143	626
		50	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	205	310	279	300	469	1221	627
		60	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	205	336	279	300	493	1208	627
		75	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	295	334	279	395	588	1236	644
		100	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	295	334	279	395	588	1286	644
		125	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	275	416	279	386	600	1442	645
	4	5	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	175	173	279	278	378	969	614
		7.5	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	175	201	279	278	400	976	615
		10	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	175	201	279	278	400	979	615
		15	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	190	245	279	298	444	1130	616
	6	1.5	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	175	173	279	278	378	969	614
		2	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	175	173	279	278	378	969	614
		3	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	175	201	279	278	400	976	615
		5	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	175	201	279	278	400	979	615
030-110	4	10	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	175	201	318	278	400	1091	629
		15	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	190	245	318	298	444	1242	630
		20	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	190	245	318	298	444	1242	630
	6	3	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	175	201	318	278	400	1033	629
		5	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	175	201	318	278	400	1091	629
		7.5	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	190	245	318	298	444	1242	630
030-135	4	15	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	185	245	318	322	468	1212	635
		20	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	185	245	318	322	468	1242	635
		25	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	185	309	318	322	490	1280	635
		30	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	185	309	318	322	490	1305	635
		40	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	185	311	318	322	490	1357	636
	6	5	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	175	201	318	329	451	1061	634
		7.5	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	185	245	318	322	468	1242	635
		10	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	185	245	318	322	468	1242	635
		15	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	185	309	318	322	490	1280	635
040-070	2	20	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	190	245	254	259	405	1110	597
		25	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	190	245	254	259	405	1110	597
		30	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	180	310	254	275	443	1091	598
		40	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	180	310	254	275	443	1091	598
		50	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	225	310	254	310	478	1169	605
	4	2	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	160	142	254	246	329	834	595
		3	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	160	173	254	246	346	924	596
		5	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	160	173	254	246	346	924	596
		7.5	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	160	201	254	246	367	931	596
	6	0.75	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	160	142	254	246	329	786	595
		1	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	160	142	254	246	329	834	595
		1.5	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	160	173	254	246	346	924	596
		2	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	160	173	254	246	346	924	596

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [mm]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
040-095	2	60	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	200	336	279	309	501	1233	628
		75	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	295	334	279	396	588	1248	644
		100	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	295	334	279	396	588	1299	644
		125	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	275	416	279	386	599	1455	645
		150	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	275	416	279	386	599	1411	645
	4	7.5	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	201	279	304	425	952	618
		10	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	201	279	304	425	992	619
		15	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	245	279	304	450	1143	620
		20	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	245	279	304	450	1143	620
	6	2	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	173	279	304	403	957	617
		3	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	201	279	304	425	952	618
		5	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	201	279	304	425	992	619
		7.5	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	245	279	304	450	1143	620
040-110	4	15	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	245	318	304	450	1255	632
		20	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	245	318	304	450	1255	632
		25	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	205	309	318	334	502	1297	633
		30	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	205	309	318	334	502	1323	633
	6	3	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	201	318	304	425	1075	631
		5	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	201	318	304	425	1104	631
		7.5	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	245	318	304	450	1255	632
		10	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	245	318	304	450	1255	632
040-135	4	20	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	185	245	318	322	468	1255	635
		25	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	185	309	318	322	490	1292	635
		30	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	185	309	318	322	490	1288	635
		40	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	185	311	318	322	490	1340	636
		50	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	185	336	318	322	515	1340	636
	6	5	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	201	318	329	451	1104	634
		7.5	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	185	245	318	322	468	1255	635
		10	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	185	245	318	322	468	1255	635
		15	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	185	309	318	322	490	1262	635
040-150	4	50	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	275	336	356	409	602	1390	648
		60	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	275	334	356	409	602	1466	649
		75	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	275	355	356	434	648	1568	649
		100	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	275	416	356	409	623	1610	650
		125	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	275	416	356	409	623	1610	650
		150	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	290	542	356	426	723	1731	660
	6	15	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	275	309	356	409	578	1317	647
		20	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	275	309	356	409	578	1343	647
		25	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	275	311	356	409	578	1390	648
		30	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	275	336	356	409	602	1390	648
		40	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	275	334	356	409	602	1466	649

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [mm]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
050-070	2	25	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	245	279	308	454	1110	606
		30	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	310	279	308	477	1091	606
		40	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	310	279	308	477	1091	606
		50	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	225	310	279	310	479	1169	607
		60	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	225	336	279	310	503	1156	607
		75	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	295	334	279	395	588	1184	637
	4	3	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	173	279	308	408	924	603
		5	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	173	279	308	408	924	603
		7.5	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	201	279	308	430	931	603
		10	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	201	279	308	430	959	603
	6	0.75	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	142	279	308	392	786	602
		1	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	142	279	308	392	834	602
		1.5	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	173	279	308	408	924	603
		2	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	173	279	308	408	924	603
		3	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	201	279	308	430	931	603
050-095	4	10	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	170	201	356	322	444	1024	621
		15	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	170	245	356	322	468	1175	622
		20	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	170	245	356	322	468	1175	622
		25	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	170	309	356	322	490	1206	622
		30	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	170	309	356	322	490	1232	622
	6	3	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	170	201	356	322	444	995	621
		5	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	170	201	356	322	444	1024	621
		7.5	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	170	245	356	322	468	1175	622
		10	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	170	245	356	322	468	1175	622
050-110	4	20	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	185	245	356	322	468	1255	635
		25	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	185	309	356	322	490	1292	635
		30	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	185	309	356	322	490	1318	635
		40	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	185	311	356	322	490	1370	636
	6	5	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	175	201	356	329	451	1104	634
		7.5	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	185	245	356	322	468	1255	635
		10	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	185	245	356	322	468	1255	635
		15	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	185	309	356	322	490	1292	635
050-135	4	25	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	309	356	409	578	1317	647
		30	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	309	356	409	578	1343	647
		40	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	311	356	409	578	1390	648
		50	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	336	356	409	602	1390	648
		60	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	334	356	409	602	1466	649
		75	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	355	356	434	648	1568	649
	6	10	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	300	245	356	409	555	1275	646
		15	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	309	356	409	578	1317	647
		20	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	309	356	409	578	1343	647
050-150	4	75	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	355	400	448	661	1568	652
		100	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	416	400	448	661	1610	650
		125	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	416	400	448	661	1610	650
		150	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	250	542	400	434	730	1731	661
		200	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	250	545	400	434	736	1728	661
	6	25	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	311	400	448	616	1384	651
		30	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	336	400	448	640	1384	651
		40	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	334	400	448	640	1491	652
		50	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	355	400	448	661	1568	652
		60	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	416	400	448	661	1610	650

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [mm]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
060-095	4	15	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	245	375	409	555	1189	639
		20	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	245	375	409	555	1189	639
		25	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	300	309	375	409	578	1236	640
		30	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	300	309	375	409	578	1262	640
		40	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	300	311	375	409	578	1303	641
	6	5	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	201	375	409	531	1043	638
		7.5	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	245	375	409	555	1189	639
		10	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	245	375	409	555	1189	639
		15	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	300	309	375	409	578	1236	640
060-110	4	30	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	309	375	409	578	1362	647
		40	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	311	375	409	578	1409	648
		50	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	336	375	409	602	1409	648
		60	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	334	375	409	602	1485	649
	6	7.5	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	300	245	375	409	555	1303	646
		10	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	300	245	375	409	555	1294	646
		15	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	309	375	409	578	1336	647
		20	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	309	375	409	578	1362	647
060-135	4	40	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	230	311	400	359	528	1409	656
		50	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	230	336	400	359	552	1409	656
		60	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	235	334	400	364	557	1494	657
		75	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	235	355	400	364	578	1571	657
		100	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	250	416	400	394	608	1597	658
		125	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	250	416	400	394	608	1629	659
	6	10	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	230	245	400	359	505	1289	654
		15	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	230	309	400	359	528	1336	655
		20	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	230	309	400	359	528	1362	655
		25	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	230	311	400	359	528	1409	656
		30	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	230	336	400	359	552	1409	656
060-150	4	125	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	230	416	451	398	611	1763	663
		150	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	250	542	451	434	730	1903	664
		200	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	250	545	451	434	736	1900	664
		250	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	250	573	451	434	753	1990	665
	6	40	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	230	334	451	398	590	1644	662
		50	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	230	355	451	398	611	1721	662
		60	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	230	416	451	398	611	1763	663
		75	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	230	416	451	398	611	1763	663
		100	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	250	542	451	434	730	1903	664
080-135	4	60	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	159	159	250	334	356	465	658	1494	668
		75	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	159	159	250	355	356	465	679	1571	668
		100	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	159	159	250	416	356	464	678	1597	669
		125	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	159	159	250	416	356	464	678	1629	670
		150	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	159	159	305	542	356	534	830	1750	671
		200	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	159	159	305	545	356	534	837	1747	671
	6	15	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	159	159	235	309	356	464	633	1336	666
		20	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	159	159	235	309	356	464	633	1362	666
		25	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	159	159	235	311	356	464	633	1424	667
		30	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	159	159	235	336	356	464	657	1424	667
		40	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	159	159	250	334	356	465	658	1494	668
		50	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	159	159	250	355	356	465	679	1571	668

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [mm]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
080-150	4	125	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	184	184	250	416	400	515	729	1789	674
		150	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	184	184	270	542	400	530	826	1929	675
		200	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	184	184	270	545	400	530	833	1925	675
		250	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	184	184	270	573	400	530	850	2015	679
	6	40	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	184	184	250	334	400	515	708	1670	672
		50	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	184	184	250	355	400	515	729	1747	673
		60	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	184	184	250	416	400	515	729	1789	674
		75	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	184	184	250	416	400	515	729	1789	674
100-150	4	150	150/300	300	250	12x25.4	16x31.75	12x25.4	16x28.4	165	200	270	542	502	581	877	1954	678
		200	150/300	300	250	12x25.4	16x31.75	12x25.4	16x28.4	165	200	270	545	502	581	883	1950	678
		250	150/300	300	250	12x25.4	16x31.75	12x25.4	16x28.4	165	200	270	573	502	581	901	2040	680
	6	50	150/300	300	250	12x25.4	16x31.75	12x25.4	16x28.4	165	200	290	355	502	616	829	1772	676
		60	150/300	300	250	12x25.4	16x31.75	12x25.4	16x28.4	165	200	270	416	502	581	794	1814	677
		75	150/300	300	250	12x25.4	16x31.75	12x25.4	16x28.4	165	200	270	416	502	581	794	1814	677
		100	150/300	300	250	12x25.4	16x31.75	12x25.4	16x28.4	165	200	270	542	502	581	877	1954	678

Dimensions for NK pumps with ODP motors and spacer couplings

For more dimensions, see Section *12.1 NK, center-line outlet*.

Dimensions in inch.

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [inch]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
012-070	2	3	150/300	2.0	1.3	4x3/4	8x3/4	4x5/8	4x3/4	3.1	3.1	6.3	5.6	7.0	7.9	11.2	34.1	683
		5	150/300	2.0	1.3	4x3/4	8x3/4	4x5/8	4x3/4	3.1	3.1	6.3	6.8	7.0	7.9	11.9	37.4	684
		7.5	150/300	2.0	1.3	4x3/4	8x3/4	4x5/8	4x3/4	3.1	3.1	6.3	6.8	7.0	8.0	11.9	37.4	684
		7.5	150/300	2.0	1.3	4x3/4	8x3/4	4x5/8	4x3/4	3.1	3.1	6.3	6.8	7.0	8.0	11.9	37.4	684
		10	150/300	2.0	1.3	4x3/4	8x3/4	4x5/8	4x3/4	3.1	3.1	6.3	7.9	7.0	8.0	12.8	36.9	685
		15	150/300	2.0	1.3	4x3/4	8x3/4	4x5/8	4x3/4	3.1	3.1	6.9	7.9	7.0	9.0	12.8	38.1	685
		15	150/300	2.0	1.3	4x3/4	8x3/4	4x5/8	4x3/4	3.1	3.1	6.9	7.9	7.0	9.0	12.8	38.1	685
	4	0.5	150/300	2.0	1.3	4x3/4	8x3/4	4x5/8	4x3/4	3.1	3.1	5.7	5.6	7.0	7.9	11.2	32.2	681
		0.75	150/300	2.0	1.3	4x3/4	8x3/4	4x5/8	4x3/4	3.1	3.1	5.7	5.6	7.0	7.9	11.2	32.2	681
		1	150/300	2.0	1.3	4x3/4	8x3/4	4x5/8	4x3/4	3.1	3.1	5.7	5.6	7.0	7.9	11.2	32.2	681
		1.5	150/300	2.0	1.3	4x3/4	8x3/4	4x5/8	4x3/4	3.1	3.1	5.7	5.6	7.0	7.9	11.2	34.1	681
015-070	2	5	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	3.1	3.1	6.3	6.8	7.0	7.9	11.9	38.4	686
		7.5	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	3.1	3.1	6.3	6.8	7.0	8.0	11.9	38.4	686
		10	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	3.1	3.1	6.3	7.9	7.0	8.0	12.8	38.0	685
		15	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	3.1	3.1	6.9	7.9	7.0	9.0	12.8	39.1	685
		20	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	3.1	3.1	6.9	9.6	7.0	9.0	14.7	44.7	691
	4	0.75	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	3.1	3.1	5.7	5.6	7.0	7.9	11.2	32.2	681
		1	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	3.1	3.1	5.7	5.6	7.0	7.9	11.2	32.2	681
		1.5	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	3.1	3.1	5.7	5.6	7.0	7.9	11.2	34.1	681
		2	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	3.1	3.1	5.7	5.6	7.0	7.9	11.2	34.1	681
		3	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	3.1	3.1	5.7	6.8	7.0	7.9	11.9	37.4	682
015-090	2	15	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	6.5	7.9	9.0	9.7	14.5	40.0	698
		20	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	6.5	9.6	9.0	9.7	15.4	45.5	699
		25	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	7.3	9.6	9.0	10.2	15.4	45.5	699
		30	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	7.3	12.2	9.0	10.2	16.9	44.8	700
		40	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	8.1	12.2	9.0	11.8	16.9	44.8	700
	4	1.5	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	5.9	5.6	9.0	9.7	13.0	36.1	695
		2	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	5.9	5.6	9.0	9.7	13.0	36.1	695
		3	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	5.9	6.8	9.0	9.7	13.6	39.3	696
		5	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	5.9	6.8	9.0	9.7	13.6	39.3	696
015-095	2	15	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	6.5	7.9	9.0	9.7	14.5	40.0	698
		20	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	6.5	9.6	9.0	9.7	15.4	45.5	699
		25	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	7.3	9.6	9.0	10.2	15.4	45.5	699
		30	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	7.3	12.2	9.0	10.2	16.9	44.8	700
		40	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	8.1	12.2	9.0	11.8	16.9	44.8	700
		50	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	8.1	12.2	9.0	11.8	18.4	49.1	716
	4	2	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	5.9	5.6	9.0	9.7	13.0	36.1	695
		3	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	5.9	6.8	9.0	9.7	13.6	39.3	696
		5	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	5.9	6.8	9.0	9.7	13.6	39.3	696
		7.5	150/300	2.6	1.6	4x3/4	8x7/8	4x5/8	4x7/8	4.0	4.0	5.9	7.9	9.0	9.7	14.5	38.9	697

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [inch]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
020-095	2	15	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	6.5	7.9	9.0	9.7	14.5	41.3	702
		20	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	6.5	9.6	9.0	9.7	15.4	46.5	699
		25	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	7.3	9.6	9.0	10.2	15.4	46.5	699
		30	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	7.3	12.2	9.0	10.2	16.9	46.1	703
		40	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	8.1	12.2	9.0	11.8	16.9	46.1	703
		50	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	8.1	12.2	9.0	11.8	18.4	50.0	716
		60	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	11.6	13.2	9.0	15.6	19.4	49.5	716
		60	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	11.6	13.2	9.0	15.6	19.4	49.5	716
	4	2	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	5.9	5.6	9.0	9.7	13.0	36.1	695
		3	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	5.9	6.8	9.0	9.7	13.6	39.3	696
		5	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	5.9	6.8	9.0	9.7	13.6	39.3	696
		7.5	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	5.9	7.9	9.0	9.7	14.5	38.9	697
020-110	4	5	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	5.9	6.8	9.0	9.7	13.6	39.3	696
		7.5	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	5.9	7.9	9.0	9.7	14.5	38.9	697
		10	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	5.9	7.9	9.0	9.7	14.5	40.0	697
		15	150/300	2.6	2.0	4x3/4	8x7/8	4x3/4	8x3/4	4.0	4.0	5.9	9.6	9.0	9.7	15.4	45.5	701
020-135	4	7.5	150/300	3.2	2.0	4x3/4	8x7/8	4x3/4	8x3/4	5.0	5.0	6.5	7.9	11.0	12.0	16.7	45.5	708
		10	150/300	3.2	2.0	4x3/4	8x7/8	4x3/4	8x3/4	5.0	5.0	6.5	7.9	11.0	12.0	16.7	46.6	708
		15	150/300	3.2	2.0	4x3/4	8x7/8	4x3/4	8x3/4	5.0	5.0	6.5	9.6	11.0	12.0	17.7	52.1	709
		20	150/300	3.2	2.0	4x3/4	8x7/8	4x3/4	8x3/4	5.0	5.0	6.5	9.6	11.0	12.0	17.7	52.1	709
		25	150/300	3.2	2.0	4x3/4	8x7/8	4x3/4	8x3/4	5.0	5.0	6.5	12.2	11.0	12.0	18.6	53.9	710
025-070	2	7.5	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.7	6.8	8.0	9.6	13.5	39.9	689
		10	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.7	7.9	8.0	9.6	14.4	39.7	689
		15	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.7	7.9	8.0	9.7	14.4	40.9	689
		20	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.7	9.6	8.0	9.7	15.4	45.9	692
		25	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.5	9.6	8.0	10.4	15.4	45.9	692
		30	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.5	12.2	8.0	10.4	17.1	45.7	694
	4	1	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.1	5.6	8.0	9.6	12.9	33.1	687
		1.5	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.1	5.6	8.0	9.6	12.9	35.0	687
		2	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.1	5.6	8.0	9.6	12.9	35.0	687
		3	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.1	6.8	8.0	9.6	13.5	38.3	688
		5	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.1	6.8	8.0	9.6	13.5	38.3	688
025-095	2	25	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	8.9	9.6	10.0	12.5	17.6	46.8	732
		30	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	8.9	12.2	10.0	12.5	19.2	46.1	733
		40	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	8.1	12.2	10.0	11.8	19.2	46.1	733
		50	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	8.1	12.2	10.0	11.8	18.5	49.7	734
		60	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	11.6	13.2	10.0	15.6	19.4	49.2	734
		75	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	11.6	13.2	10.0	15.6	23.2	50.2	755
		75	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	11.6	13.2	10.0	15.6	23.2	50.2	755
	4	3	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	6.9	6.8	10.0	11.0	14.9	39.3	721
		5	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	6.9	6.8	10.0	11.0	14.9	40.3	721
		7.5	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	6.9	7.9	10.0	11.0	15.7	39.9	722
		10	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	6.9	7.9	10.0	11.0	15.7	41.0	722
	6	1	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	6.7	6.8	10.0	10.7	14.0	36.1	720
		1.5	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	6.9	6.8	10.0	11.0	14.9	39.3	721
		2	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	6.9	6.8	10.0	11.0	14.9	40.3	721
		3	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	6.9	7.9	10.0	11.0	15.7	39.9	722

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [inch]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
025-110	4	7.5	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	8.1	7.9	11.0	12.1	16.9	45.5	717
		10	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	8.1	7.9	11.0	12.1	16.9	46.6	717
		15	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	8.1	9.6	11.0	12.1	17.9	52.1	718
	6	2	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	8.1	6.8	11.0	12.1	16.1	45.9	717
		3	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	8.1	7.9	11.0	12.1	16.9	45.5	717
		5	150/300	3.2	2.6	4x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	8.1	7.9	11.0	12.1	16.9	46.6	717
030-070	2	15	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.7	7.9	9.0	9.7	14.4	40.0	689
		20	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.7	9.6	9.0	9.7	15.4	45.9	692
		25	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.5	9.6	9.0	10.4	15.4	45.9	692
		30	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.5	12.2	9.0	10.4	17.1	44.9	694
		40	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	8.9	12.2	9.0	12.2	17.1	44.9	694
	4	1.5	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.1	5.6	9.0	9.6	12.9	35.0	693
		2	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.1	5.6	9.0	9.6	12.9	35.0	693
		3	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.1	6.8	9.0	9.6	13.5	38.3	688
		5	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	4.0	4.0	7.1	6.8	9.0	9.6	13.5	38.3	688
030-095	2	40	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	8.1	12.2	11.0	11.8	19.2	49.3	735
		50	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	8.1	12.2	11.0	11.8	18.5	53.6	736
		60	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	11.6	13.2	11.0	15.6	19.4	53.1	736
		75	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	11.6	13.2	11.0	15.6	23.2	53.7	756
		100	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	10.8	13.2	11.0	15.2	23.2	55.7	756
		125	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	11.4	16.4	11.0	16.8	23.6	61.2	757
	4	5	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	6.9	6.8	11.0	11.0	14.9	43.4	723
		7.5	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	6.9	7.9	11.0	11.0	15.7	43.2	724
		10	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	6.9	7.9	11.0	11.0	15.7	43.4	724
		15	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.5	9.6	11.0	11.7	17.5	48.8	725
	6	1.5	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	6.9	6.8	11.0	11.0	14.9	43.4	723
		2	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	6.9	6.8	11.0	11.0	14.9	43.4	723
		3	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	6.9	7.9	11.0	11.0	15.7	43.2	724
		5	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	6.9	7.9	11.0	11.0	15.7	43.4	724
030-110	4	10	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	6.9	7.9	12.5	11.0	15.7	47.8	738
		15	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.5	9.6	12.5	11.7	17.5	53.2	739
		20	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.5	9.6	12.5	11.7	17.5	53.2	739
	6	3	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	6.9	7.9	12.5	11.0	15.7	45.5	738
		5	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	6.9	7.9	12.5	11.0	15.7	47.8	738
		7.5	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.5	9.6	12.5	11.7	17.5	53.2	739
030-135	4	15	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.3	9.6	12.5	12.7	18.4	52.1	744
		20	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.3	9.6	12.5	12.7	18.4	53.2	744
		25	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.3	12.2	12.5	12.7	19.3	56.1	748
		30	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.3	12.2	12.5	12.7	19.3	57.1	748
		40	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.3	12.2	12.5	12.7	19.3	58.5	745
	6	5	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	6.9	7.9	12.5	13.0	17.7	46.6	747
		7.5	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.3	9.6	12.5	12.7	18.4	53.2	744
		10	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.3	9.6	12.5	12.7	18.4	53.2	744
		15	150/300	3.9	3.2	8x3/4	8x7/8	4x3/4	8x7/8	5.0	5.0	7.3	12.2	12.5	12.7	19.3	56.1	748

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [inch]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
040-070	2	20	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	7.5	9.6	10.0	10.2	15.9	48.0	706
		25	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	7.1	9.6	10.0	10.8	15.9	48.0	706
		30	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	7.1	12.2	10.0	10.8	17.5	47.3	707
		40	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	8.9	12.2	10.0	12.2	17.5	47.3	707
		50	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	8.9	12.2	10.0	12.2	18.8	50.0	719
	4	2	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	6.3	5.6	10.0	9.7	13.0	38.1	704
		3	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	6.3	6.8	10.0	9.7	13.6	41.4	705
		5	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	6.3	6.8	10.0	9.7	13.6	41.4	705
		7.5	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	6.3	7.9	10.0	9.7	14.5	40.9	705
	6	0.75	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	6.3	5.6	10.0	9.7	13.0	36.2	704
		1	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	6.3	5.6	10.0	9.7	13.0	38.1	704
		1.5	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	6.3	6.8	10.0	9.7	13.6	41.4	705
		2	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.0	5.0	6.3	6.8	10.0	9.7	13.6	41.4	705
040-095	2	60	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	11.6	13.2	11.0	15.6	19.7	53.6	737
		75	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	11.6	13.2	11.0	15.6	23.2	54.2	756
		100	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	10.8	13.2	11.0	15.2	23.2	56.2	756
		125	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	11.4	16.4	11.0	16.8	23.6	61.7	757
		150	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	11.4	16.4	11.0	16.8	23.6	60.0	757
	4	7.5	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	7.9	11.0	12.0	16.7	42.7	727
		10	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	7.9	11.0	12.0	16.7	43.9	728
		15	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	9.6	11.0	12.0	17.7	49.3	729
		20	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	9.6	11.0	12.0	17.7	49.3	729
	6	2	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	6.8	11.0	12.0	15.9	42.9	726
		3	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	7.9	11.0	12.0	16.7	42.7	727
		5	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	7.9	11.0	12.0	16.7	43.9	728
		7.5	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	9.6	11.0	12.0	17.7	49.3	729
040-110	4	15	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	9.6	12.5	12.0	17.7	54.1	741
		20	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	9.6	12.5	12.0	17.7	54.1	741
		25	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	8.1	12.2	12.5	13.1	19.8	56.9	742
		30	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	8.1	12.2	12.5	13.1	19.8	57.9	742
	6	3	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	7.9	12.5	12.0	16.7	47.1	740
		5	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	7.9	12.5	12.0	16.7	48.3	740
		7.5	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	9.6	12.5	12.0	17.7	54.1	741
		10	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	9.6	12.5	12.0	17.7	54.1	741
040-135	4	20	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	7.3	9.6	12.5	12.7	18.4	54.1	746
		25	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	7.3	12.2	12.5	12.7	19.3	56.6	748
		30	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	7.3	12.2	12.5	12.7	19.3	56.4	748
		40	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	7.3	12.2	12.5	12.7	19.3	57.8	745
		50	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	7.3	13.2	12.5	12.7	20.3	57.8	745
	6	5	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	6.9	7.9	12.5	13.0	17.7	48.3	747
		7.5	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	7.3	9.6	12.5	12.7	18.4	54.1	746
		10	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	7.3	9.6	12.5	12.7	18.4	54.1	746
		15	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	7.3	12.2	12.5	12.7	19.3	55.4	748

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [inch]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
040-150	4	50	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	10.8	13.2	14.0	16.1	23.7	60.0	764
		60	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	10.8	13.2	14.0	16.1	23.7	63.3	761
		75	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	10.8	14.0	14.0	16.1	24.5	66.4	761
		100	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	10.8	16.4	14.0	16.1	24.5	68.2	762
		125	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	11.4	16.4	14.0	16.8	24.5	68.2	762
		150	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	11.4	21.4	14.0	16.8	28.5	75.2	774
	6	15	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	10.8	12.2	14.0	16.1	22.8	57.7	759
		20	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	10.8	12.2	14.0	16.1	22.8	58.7	759
		25	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	10.8	12.2	14.0	16.1	22.8	60.0	764
		30	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	10.8	13.2	14.0	16.1	23.7	60.0	764
		40	150/300	4.9	3.9	8x7/8	8x7/8	8x3/4	8x7/8	5.5	5.5	10.8	13.2	14.0	16.1	23.7	63.3	761
050-070	2	25	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	9.6	11.0	12.1	17.9	48.0	714
		30	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	12.2	11.0	12.1	18.8	47.3	714
		40	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.9	12.2	11.0	12.2	18.8	47.3	714
		50	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.9	12.2	11.0	12.2	18.8	50.2	715
		60	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	11.6	13.2	11.0	15.6	19.8	49.7	715
		75	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	11.6	13.2	11.0	15.6	23.2	51.1	749
	4	3	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	6.8	11.0	12.1	16.1	41.4	712
		5	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	6.8	11.0	12.1	16.1	41.4	712
		7.5	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	7.9	11.0	12.1	16.9	40.9	712
		10	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	7.9	11.0	12.1	16.9	42.1	712
	6	0.75	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	5.6	11.0	12.1	15.4	36.2	711
		1	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	5.6	11.0	12.1	15.4	38.1	711
		1.5	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	6.8	11.0	12.1	16.1	41.4	712
		2	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	6.8	11.0	12.1	16.1	41.4	712
		3	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.0	5.0	8.1	7.9	11.0	12.1	16.9	40.9	712
050-095	4	10	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	6.7	7.9	14.0	12.7	17.5	45.1	730
		15	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	6.7	9.6	14.0	12.7	18.4	51.0	731
		20	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	6.7	9.6	14.0	12.7	18.4	51.0	731
		25	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	6.7	12.2	14.0	12.7	19.3	53.7	731
		30	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	6.7	12.2	14.0	12.7	19.3	54.7	731
	6	3	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	6.7	7.9	14.0	12.7	17.5	44.0	730
		5	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	6.7	7.9	14.0	12.7	17.5	45.1	730
		7.5	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	6.7	9.6	14.0	12.7	18.4	51.0	731
		10	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	6.7	9.6	14.0	12.7	18.4	51.0	731
050-110	4	20	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	7.3	9.6	14.0	12.7	18.4	54.8	744
		25	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	7.3	12.2	14.0	12.7	19.3	56.6	748
		30	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	7.3	12.2	14.0	12.7	19.3	57.6	748
		40	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	7.3	12.2	14.0	12.7	19.3	59.0	745
	6	5	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	6.9	7.9	14.0	13.0	17.7	49.7	743
		7.5	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	7.3	9.6	14.0	12.7	18.4	54.8	744
		10	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	7.3	9.6	14.0	12.7	18.4	54.8	744
		15	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	7.3	12.2	14.0	12.7	19.3	56.6	748
050-135	4	25	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	12.2	14.0	16.1	22.8	57.7	759
		30	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	12.2	14.0	16.1	22.8	58.7	759
		40	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	12.2	14.0	16.1	22.8	60.0	764
		50	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	13.2	14.0	16.1	23.7	60.0	764
		60	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	13.2	14.0	16.1	23.7	63.3	761
		75	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	14.0	14.0	16.1	24.5	66.4	761
	6	10	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	11.8	9.6	14.0	16.1	21.9	56.0	758
		15	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	12.2	14.0	16.1	22.8	57.7	759
		20	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	12.2	14.0	16.1	22.8	58.7	759

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [inch]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
050-150	4	75	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	14.0	15.8	17.6	26.0	66.9	765
		100	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	16.4	15.8	17.6	26.0	68.2	766
		125	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	9.8	16.4	15.8	17.1	26.0	68.2	766
		150	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	9.8	21.4	15.8	17.1	28.7	75.2	775
		200	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	9.8	21.4	15.8	17.1	29.0	75.0	775
	6	25	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	12.2	15.8	17.6	24.3	60.3	763
		30	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	13.2	15.8	17.6	25.2	60.3	763
		40	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	13.2	15.8	17.6	25.2	63.9	765
		50	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	14.0	15.8	17.6	26.0	66.9	765
		60	150/300	5.9	4.9	8x7/8	12x7/8	8x7/8	8x7/8	5.5	5.5	10.8	16.4	15.8	17.6	26.0	68.2	766
060-095	4	15	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	10.8	9.6	14.8	16.1	21.9	52.2	751
		20	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	10.8	9.6	14.8	16.1	21.9	52.2	751
		25	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	10.8	12.2	14.8	16.1	22.8	54.7	752
		30	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	10.8	12.2	14.8	16.1	22.8	55.7	752
		40	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	10.8	12.2	14.8	16.1	22.8	57.3	753
	6	5	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	10.8	7.9	14.8	16.1	20.9	47.3	750
		7.5	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	10.8	9.6	14.8	16.1	21.9	52.2	751
		10	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	10.8	9.6	14.8	16.1	21.9	52.2	751
		15	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	10.8	12.2	14.8	16.1	22.8	54.7	752
060-110	4	30	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	10.8	12.2	14.8	16.1	22.8	59.4	759
		40	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	10.8	12.2	14.8	16.1	22.8	61.3	760
		50	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	10.8	13.2	14.8	16.1	23.7	61.3	760
		60	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	10.8	13.2	14.8	16.1	23.7	64.1	761
	6	7.5	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	11.8	9.6	14.8	16.1	21.9	57.1	758
		10	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	11.8	9.6	14.8	16.1	21.9	56.8	758
		15	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	10.8	12.2	14.8	16.1	22.8	58.4	759
		20	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	10.8	12.2	14.8	16.1	22.8	59.4	759
060-135	4	40	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.1	12.2	15.8	14.2	20.8	61.4	770
		50	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.1	13.2	15.8	14.2	21.7	61.4	770
		60	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.3	13.2	15.8	14.4	21.9	64.7	771
		75	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.3	14.0	15.8	14.4	22.8	67.7	771
		100	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.8	16.4	15.8	15.5	23.9	69.8	772
		125	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	11.4	16.4	15.8	16.8	23.9	69.8	773
	6	10	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.1	9.6	15.8	14.2	19.9	57.1	768
		15	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.1	12.2	15.8	14.2	20.8	59.0	769
		20	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.1	12.2	15.8	14.2	20.8	60.0	769
		25	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.1	12.2	15.8	14.2	20.8	61.4	770
		30	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.1	13.2	15.8	14.2	21.7	61.4	770
060-150	4	125	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.8	16.4	17.8	17.1	24.1	75.1	777
		150	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.8	21.4	17.8	17.1	28.7	81.4	778
		200	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.8	21.4	17.8	17.1	29.0	81.2	778
		250	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.8	22.5	17.8	17.1	29.7	84.8	779
	6	40	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.1	13.2	17.8	15.7	23.2	71.1	776
		50	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.1	14.0	17.8	15.7	24.1	74.1	776
		60	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.1	16.4	17.8	15.7	24.1	75.1	777
		75	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.1	16.4	17.8	15.7	24.1	75.1	777
		100	150/300	7.9	5.9	8x7/8	12xø1	8x7/8	12x7/8	6.3	6.3	9.8	21.4	17.8	17.1	28.7	81.4	778

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [inch]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
080-135	4	60	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	6.3	6.3	9.8	13.2	14.0	18.3	25.9	64.7	782
		75	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	6.3	6.3	9.8	14.0	14.0	18.3	26.7	67.7	782
		100	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	6.3	6.3	9.8	16.4	14.0	18.3	26.7	69.8	783
		125	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	6.3	6.3	12.0	16.4	14.0	21.0	26.7	69.8	784
		150	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	6.3	6.3	12.0	21.4	14.0	21.0	32.7	75.9	785
		200	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	6.3	6.3	12.0	21.4	14.0	21.0	32.9	75.8	785
	6	15	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	6.3	6.3	9.3	12.2	14.0	18.3	24.9	59.0	780
		20	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	6.3	6.3	9.3	12.2	14.0	18.3	24.9	60.0	780
		25	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	6.3	6.3	9.3	12.2	14.0	18.3	24.9	61.4	781
		30	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	6.3	6.3	9.3	13.2	14.0	18.3	25.9	61.4	781
		40	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	6.3	6.3	9.8	13.2	14.0	18.3	25.9	64.7	782
		50	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	6.3	6.3	9.8	14.0	14.0	18.3	26.7	67.7	782
080-150	4	125	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	7.3	7.3	10.6	16.4	15.8	20.9	28.7	77.7	788
		150	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	7.3	7.3	10.6	21.4	15.8	20.9	32.5	83.7	789
		200	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	7.3	7.3	10.6	21.4	15.8	20.9	32.8	83.5	789
		250	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	7.3	7.3	10.6	22.5	15.8	20.9	33.5	87.1	793
	6	40	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	7.3	7.3	9.8	13.2	15.8	20.3	27.9	72.1	786
		50	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	7.3	7.3	9.8	14.0	15.8	20.3	28.7	75.1	787
		60	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	7.3	7.3	9.8	16.4	15.8	20.3	28.7	77.7	788
		75	150/300	9.8	7.9	12xø1	16x1 1/8	8x7/8	12xø1	7.3	7.3	9.8	16.4	15.8	20.3	28.7	77.7	788
100-150	4	150	150/300	11.8	9.8	12xø1	16x1 1/4	12xø1	16x1 1/8	6.5	7.9	10.6	21.4	19.8	22.9	34.5	84.7	792
		200	150/300	11.8	9.8	12xø1	16x1 1/4	12xø1	16x1 1/8	6.5	7.9	10.6	21.4	19.8	22.9	34.8	84.5	792
		250	150/300	11.8	9.8	12xø1	16x1 1/4	12xø1	16x1 1/8	6.5	7.9	10.6	22.5	19.8	22.9	35.5	88.1	794
	6	50	150/300	11.8	9.8	12xø1	16x1 1/4	12xø1	16x1 1/8	6.5	7.9	11.4	14.0	19.8	24.3	32.7	76.1	790
		60	150/300	11.8	9.8	12xø1	16x1 1/4	12xø1	16x1 1/8	6.5	7.9	10.6	16.4	19.8	22.9	31.3	78.7	791
		75	150/300	11.8	9.8	12xø1	16x1 1/4	12xø1	16x1 1/8	6.5	7.9	10.6	16.4	19.8	22.9	31.3	78.7	791
		100	150/300	11.8	9.8	12xø1	16x1 1/4	12xø1	16x1 1/8	6.5	7.9	10.6	21.4	19.8	22.9	34.5	84.7	792

Dimensions in mm.

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [mm]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
012-070	2	3	150/300	50	32	4x19	8x19	4x16	4x19	79	79	160	142	178	201	285	867	683
		5	150/300	50	32	4x19	8x19	4x16	4x19	79	79	160	173	178	201	301	949	684
		7.5	150/300	50	32	4x19	8x19	4x16	4x19	79	79	160	173	178	201	301	949	684
		7.5	150/300	50	32	4x19	8x19	4x16	4x19	79	79	160	173	178	201	301	949	684
		10	150/300	50	32	4x19	8x19	4x16	4x19	79	79	160	201	178	203	325	938	685
		15	150/300	50	32	4x19	8x19	4x16	4x19	79	79	160	201	178	203	325	967	685
		15	150/300	50	32	4x19	8x19	4x16	4x19	79	79	160	201	178	203	325	967	685
	4	0.5	150/300	50	32	4x19	8x19	4x16	4x19	79	79	145	142	178	201	285	819	681
		0.75	150/300	50	32	4x19	8x19	4x16	4x19	79	79	145	142	178	201	285	819	681
		1	150/300	50	32	4x19	8x19	4x16	4x19	79	79	145	142	178	201	285	819	681
		1.5	150/300	50	32	4x19	8x19	4x16	4x19	79	79	145	142	178	201	285	867	681
015-070	2	5	150/300	65	40	4x19	8x22.3	4x16	4x22.3	79	79	160	173	178	201	301	976	686
		7.5	150/300	65	40	4x19	8x22.3	4x16	4x22.3	79	79	160	173	178	201	301	976	686
		10	150/300	65	40	4x19	8x22.3	4x16	4x22.3	79	79	160	201	178	203	325	965	685
		15	150/300	65	40	4x19	8x22.3	4x16	4x22.3	79	79	160	201	178	203	325	994	685
		20	150/300	65	40	4x19	8x22.3	4x16	4x22.3	79	79	175	245	178	228	374	1134	691
		0.75	150/300	65	40	4x19	8x22.3	4x16	4x22.3	79	79	145	142	178	201	285	819	681
	4	1	150/300	65	40	4x19	8x22.3	4x16	4x22.3	79	79	145	142	178	201	285	819	681
		1.5	150/300	65	40	4x19	8x22.3	4x16	4x22.3	79	79	145	142	178	201	285	867	681
		2	150/300	65	40	4x19	8x22.3	4x16	4x22.3	79	79	145	142	178	201	285	867	681
		3	150/300	65	40	4x19	8x22.3	4x16	4x22.3	79	79	145	173	178	201	301	949	682
015-090	2	15	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	165	201	229	246	367	1016	698
		20	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	165	245	229	246	392	1157	699
		25	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	165	245	229	246	392	1157	699
		30	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	185	310	229	260	428	1138	700
		40	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	185	310	229	260	428	1138	700
	4	1.5	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	150	142	229	246	329	916	695
		2	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	150	142	229	246	329	916	695
		3	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	150	173	229	246	346	998	696
		5	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	150	173	229	246	346	999	696
015-095	2	15	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	165	201	229	246	367	1016	698
		20	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	165	245	229	246	392	1157	699
		25	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	165	245	229	246	392	1157	699
		30	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	185	310	229	260	428	1138	700
		40	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	185	310	229	260	428	1138	700
		50	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	205	310	229	300	468	1246	716
	4	2	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	150	142	229	246	329	916	695
		3	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	150	173	229	246	346	998	696
		5	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	150	173	229	246	346	999	696
		7.5	150/300	65	40	4x19	8x22.3	4x16	4x22.3	102	102	150	201	229	246	367	987	697
020-095	2	15	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	165	201	229	246	367	1048	702
		20	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	165	245	229	246	392	1182	699
		25	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	165	245	229	246	392	1182	699
		30	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	185	310	229	260	428	1170	703
		40	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	185	310	229	260	428	1170	703
		50	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	205	310	229	300	468	1271	716
		60	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	205	336	229	300	493	1258	716
		60	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	205	336	229	300	493	1258	716
	4	2	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	150	142	229	246	329	916	695
		3	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	150	173	229	246	346	998	696
		5	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	150	173	229	246	346	999	696
		7.5	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	150	201	229	246	367	987	697

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [mm]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
020-110	4	5	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	150	173	229	246	346	999	696
		7.5	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	150	201	229	246	367	987	697
		10	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	150	201	229	246	367	1016	697
		15	150/300	65	50	4x19	8x22.3	4x19	8x19	102	102	150	245	229	246	392	1157	701
020-135	4	7.5	150/300	80	50	4x19	8x22.3	4x19	8x19	127	127	165	201	279	304	425	1155	708
		10	150/300	80	50	4x19	8x22.3	4x19	8x19	127	127	165	201	279	304	425	1183	708
		15	150/300	80	50	4x19	8x22.3	4x19	8x19	127	127	165	245	279	304	450	1322	709
		20	150/300	80	50	4x19	8x22.3	4x19	8x19	127	127	165	245	279	304	450	1322	709
		25	150/300	80	50	4x19	8x22.3	4x19	8x19	127	127	165	309	279	304	472	1370	710
025-070	2	7.5	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	195	173	203	244	344	1014	689
		10	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	195	201	203	244	365	1009	689
		15	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	195	201	203	244	365	1038	689
		20	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	195	245	203	246	392	1165	692
		25	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	195	245	203	246	392	1165	692
		30	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	190	310	203	265	433	1160	694
	4	1	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	180	142	203	244	327	841	687
		1.5	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	180	142	203	244	327	889	687
		2	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	180	142	203	244	327	889	687
		3	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	180	173	203	244	344	972	688
		5	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	180	173	203	244	344	972	688
025-095	2	25	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	205	245	254	300	446	1189	732
		30	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	225	310	254	318	487	1170	733
		40	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	225	310	254	318	487	1170	733
		50	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	205	310	254	300	469	1261	734
		60	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	205	336	254	300	493	1248	734
		75	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	295	334	254	395	588	1274	755
		75	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	295	334	254	395	588	1274	755
	4	3	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	175	173	254	278	378	998	721
		5	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	175	173	254	278	378	1024	721
		7.5	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	175	201	254	278	400	1012	722
		10	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	175	201	254	278	400	1041	722
	6	1	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	170	173	254	271	355	916	720
		1.5	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	175	173	254	278	378	998	721
		2	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	175	173	254	278	378	1024	721
		3	150/300	80	65	4x19	8x22.3	4x19	8x22.3	102	102	175	201	254	278	400	1012	722
025-110	4	7.5	150/300	80	65	4x19	8x22.3	4x19	8x22.3	127	127	205	201	279	308	430	1155	717
		10	150/300	80	65	4x19	8x22.3	4x19	8x22.3	127	127	205	201	279	308	430	1183	717
		15	150/300	80	65	4x19	8x22.3	4x19	8x22.3	127	127	205	245	279	308	454	1322	718
	6	2	150/300	80	65	4x19	8x22.3	4x19	8x22.3	127	127	205	173	279	308	408	1166	717
		3	150/300	80	65	4x19	8x22.3	4x19	8x22.3	127	127	205	201	279	308	430	1155	717
		5	150/300	80	65	4x19	8x22.3	4x19	8x22.3	127	127	205	201	279	308	430	1183	717
030-070	2	15	150/300	100	80	8x19	8x22.3	4x19	8x22.3	102	102	195	201	229	244	365	1016	689
		20	150/300	100	80	8x19	8x22.3	4x19	8x22.3	102	102	195	245	229	246	392	1165	692
		25	150/300	100	80	8x19	8x22.3	4x19	8x22.3	102	102	195	245	229	246	392	1165	692
		30	150/300	100	80	8x19	8x22.3	4x19	8x22.3	102	102	190	310	229	265	433	1140	694
		40	150/300	100	80	8x19	8x22.3	4x19	8x22.3	102	102	190	310	229	265	433	1140	694
	4	1.5	150/300	100	80	8x19	8x22.3	4x19	8x22.3	102	102	180	142	229	244	327	889	693
		2	150/300	100	80	8x19	8x22.3	4x19	8x22.3	102	102	180	142	229	244	327	889	693
		3	150/300	100	80	8x19	8x22.3	4x19	8x22.3	102	102	180	173	229	244	344	971	688
		5	150/300	100	80	8x19	8x22.3	4x19	8x22.3	102	102	180	173	229	244	344	972	688

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [mm]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
030-095	2	40	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	225	310	279	318	487	1253	735
		50	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	205	310	279	300	469	1361	736
		60	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	205	336	279	300	493	1348	736
		75	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	295	334	279	395	588	1364	756
		100	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	295	334	279	395	588	1414	756
		125	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	275	416	279	386	600	1555	757
	4	5	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	175	173	279	278	378	1102	723
		7.5	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	175	201	279	278	400	1098	724
		10	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	175	201	279	278	400	1101	724
		15	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	190	245	279	298	444	1240	725
	6	1.5	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	175	173	279	278	378	1102	723
		2	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	175	173	279	278	378	1102	723
		3	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	175	201	279	278	400	1098	724
		5	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	175	201	279	278	400	1101	724
030-110	4	10	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	175	201	318	278	400	1213	738
		15	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	190	245	318	298	444	1352	739
		20	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	190	245	318	298	444	1352	739
	6	3	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	175	201	318	278	400	1155	738
		5	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	175	201	318	278	400	1213	738
		7.5	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	190	245	318	298	444	1352	739
030-135	4	15	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	185	245	318	322	468	1322	744
		20	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	185	245	318	322	468	1352	744
		25	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	185	309	318	322	490	1425	748
		30	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	185	309	318	322	490	1450	748
		40	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	185	311	318	322	490	1485	745
	6	5	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	175	201	318	329	451	1183	747
		7.5	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	185	245	318	322	468	1352	744
		10	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	185	245	318	322	468	1352	744
		15	150/300	100	80	8x19	8x22.3	4x19	8x22.3	127	127	185	309	318	322	490	1425	748
040-070	2	20	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	190	245	254	259	405	1220	706
		25	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	190	245	254	259	405	1220	706
		30	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	180	310	254	275	443	1201	707
		40	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	180	310	254	275	443	1201	707
		50	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	225	310	254	310	478	1271	719
	4	2	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	160	142	254	246	329	968	704
		3	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	160	173	254	246	346	1051	705
		5	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	160	173	254	246	346	1051	705
		7.5	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	160	201	254	246	367	1040	705
	6	0.75	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	160	142	254	246	329	920	704
		1	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	160	142	254	246	329	968	704
		1.5	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	160	173	254	246	346	1051	705
		2	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	127	127	160	173	254	246	346	1051	705

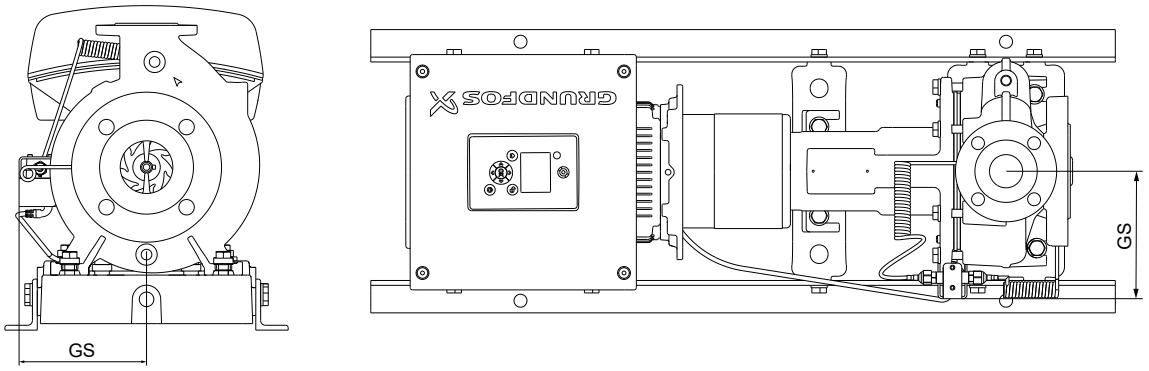
Pump size	Poles	P2 [hp]	Flanges							NK dimensions [mm]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
040-095	2	60	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	200	336	279	309	501	1361	737
		75	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	295	334	279	396	588	1376	756
		100	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	295	334	279	396	588	1427	756
		125	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	275	416	279	386	599	1568	757
		150	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	275	416	279	386	599	1524	757
	4	7.5	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	201	279	304	425	1085	727
		10	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	201	279	304	425	1114	728
		15	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	245	279	304	450	1253	729
		20	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	245	279	304	450	1253	729
	6	2	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	173	279	304	403	1090	726
		3	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	201	279	304	425	1085	727
		5	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	201	279	304	425	1114	728
		7.5	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	245	279	304	450	1253	729
040-110	4	15	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	245	318	304	450	1375	741
		20	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	245	318	304	450	1375	741
		25	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	205	309	318	334	502	1444	742
		30	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	205	309	318	334	502	1470	742
	6	3	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	201	318	304	425	1197	740
		5	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	201	318	304	425	1226	740
		7.5	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	245	318	304	450	1375	741
		10	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	245	318	304	450	1375	741
040-135	4	20	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	185	245	318	322	468	1375	746
		25	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	185	309	318	322	490	1437	748
		30	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	185	309	318	322	490	1433	748
		40	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	185	311	318	322	490	1468	745
		50	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	185	336	318	322	515	1468	745
	6	5	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	175	201	318	329	451	1226	747
		7.5	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	185	245	318	322	468	1375	746
		10	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	185	245	318	322	468	1375	746
		15	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	185	309	318	322	490	1407	748
040-150	4	50	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	275	336	356	409	602	1525	764
		60	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	275	334	356	409	602	1608	761
		75	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	275	355	356	409	623	1685	761
		100	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	275	416	356	409	623	1732	762
		125	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	275	416	356	409	623	1732	762
		150	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	290	542	356	426	723	1909	774
	6	15	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	275	309	356	409	578	1464	759
		20	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	275	309	356	409	578	1490	759
		25	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	275	311	356	409	578	1525	764
		30	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	275	336	356	409	602	1525	764
		40	150/300	125	100	8x22.3	8x22.3	8x19	8x22.3	140	140	275	334	356	409	602	1608	761

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [mm]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
050-070	2	25	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	245	279	308	454	1220	714
		30	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	310	279	308	477	1201	714
		40	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	310	279	308	477	1201	714
		50	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	225	310	279	310	479	1276	715
		60	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	225	336	279	310	503	1263	715
		75	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	295	334	279	395	588	1298	749
	4	3	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	173	279	308	408	1051	712
		5	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	173	279	308	408	1051	712
		7.5	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	201	279	308	430	1040	712
		10	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	201	279	308	430	1068	712
	6	0.75	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	142	279	308	392	920	711
		1	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	142	279	308	392	968	711
		1.5	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	173	279	308	408	1051	712
		2	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	173	279	308	408	1051	712
		3	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	127	127	205	201	279	308	430	1040	712
050-095	4	10	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	170	201	356	322	444	1146	730
		15	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	170	245	356	322	468	1295	731
		20	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	170	245	356	322	468	1295	731
		25	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	170	309	356	322	490	1364	731
		30	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	170	309	356	322	490	1390	731
	6	3	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	170	201	356	322	444	1117	730
		5	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	170	201	356	322	444	1146	730
		7.5	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	170	245	356	322	468	1295	731
		10	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	170	245	356	322	468	1295	731
050-110	4	20	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	185	245	356	322	468	1393	744
		25	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	185	309	356	322	490	1437	748
		30	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	185	309	356	322	490	1463	748
		40	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	185	311	356	322	490	1498	745
	6	5	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	175	201	356	329	451	1262	743
		7.5	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	185	245	356	322	468	1393	744
		10	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	185	245	356	322	468	1393	744
		15	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	185	309	356	322	490	1437	748
050-135	4	25	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	309	356	409	578	1464	759
		30	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	309	356	409	578	1490	759
		40	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	311	356	409	578	1525	764
		50	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	336	356	409	602	1525	764
		60	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	334	356	409	602	1608	761
		75	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	355	356	409	623	1685	761
	6	10	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	300	245	356	409	555	1423	758
		15	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	309	356	409	578	1464	759
		20	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	309	356	409	578	1490	759
050-150	4	75	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	355	400	448	661	1700	765
		100	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	416	400	448	661	1732	766
		125	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	416	400	448	661	1732	766
		150	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	250	542	400	434	730	1909	775
		200	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	250	545	400	434	736	1906	775
	6	25	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	311	400	448	616	1531	763
		30	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	336	400	448	640	1531	763
		40	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	334	400	448	640	1623	765
		50	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	355	400	448	661	1700	765
		60	150/300	150	125	8x22.3	12x22.3	8x22.3	8x22.3	140	140	275	416	400	448	661	1732	766

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [mm]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
060-095	4	15	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	245	375	409	555	1326	751
		20	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	245	375	409	555	1326	751
		25	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	309	375	409	578	1389	752
		30	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	309	375	409	578	1415	752
		40	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	311	375	409	578	1456	753
	6	5	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	201	375	409	531	1201	750
		7.5	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	245	375	409	555	1326	751
		10	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	245	375	409	555	1326	751
		15	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	309	375	409	578	1389	752
060-110	4	30	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	309	375	409	578	1509	759
		40	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	311	375	409	578	1556	760
		50	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	336	375	409	602	1556	760
		60	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	334	375	409	602	1627	761
	6	7.5	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	300	245	375	409	555	1451	758
		10	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	300	245	375	409	555	1442	758
		15	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	309	375	409	578	1483	759
		20	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	275	309	375	409	578	1509	759
060-135	4	40	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	230	311	400	359	528	1559	770
		50	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	230	336	400	359	552	1559	770
		60	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	235	334	400	364	557	1642	771
		75	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	235	355	400	364	578	1719	771
		100	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	250	416	400	394	608	1772	772
		125	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	250	416	400	394	608	1772	773
	6	10	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	230	245	400	359	505	1451	768
		15	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	230	309	400	359	528	1498	769
		20	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	230	309	400	359	528	1524	769
		25	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	230	311	400	359	528	1559	770
		30	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	230	336	400	359	552	1559	770
060-150	4	125	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	230	416	451	398	611	1906	777
		150	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	250	542	451	434	730	2066	778
		200	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	250	545	451	434	736	2063	778
		250	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	250	573	451	434	753	2153	779
	6	40	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	230	334	451	398	590	1805	776
		50	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	230	355	451	398	611	1882	776
		60	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	230	416	451	398	611	1906	777
		75	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	230	416	451	398	611	1906	777
		100	150/300	200	150	8x22.3	12x25.4	8x22.3	12x22.3	159	159	250	542	451	434	730	2066	778
080-135	4	60	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	159	159	250	334	356	465	658	1642	782
		75	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	159	159	250	355	356	465	679	1719	782
		100	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	159	159	250	416	356	464	678	1772	783
		125	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	159	159	250	416	356	464	678	1772	784
		150	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	159	159	305	542	356	534	830	1928	785
		200	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	159	159	305	545	356	534	837	1925	785
	6	15	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	159	159	235	309	356	464	633	1498	780
		20	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	159	159	235	309	356	464	633	1524	780
		25	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	159	159	235	311	356	464	633	1559	781
		30	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	159	159	235	336	356	464	657	1559	781
		40	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	159	159	250	334	356	465	658	1642	782
		50	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	159	159	250	355	356	465	679	1719	782

Pump size	Poles	P2 [hp]	Flanges							NK dimensions [mm]								Base frame code
			PN	DNS	DND	SS		SD		A	A1	A2	AB	H2	H3	H4	L	
						150	300	150	300									
080-150	4	125	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	184	184	250	416	400	515	729	1975	788
		150	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	184	184	270	542	400	530	826	2126	789
		200	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	184	184	270	545	400	530	833	2122	789
		250	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	184	184	270	573	400	530	850	2212	793
	6	40	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	184	184	250	334	400	515	708	1831	786
		50	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	184	184	250	355	400	515	729	1908	787
		60	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	184	184	250	416	400	515	729	1975	788
		75	150/300	250	200	12x25.4	16x28.4	8x22.3	12x25.4	184	184	250	416	400	515	729	1975	788
100-150	4	150	150/300	300	250	12x25.4	16x31.75	12x25.4	16x28.4	165	200	270	542	502	581	877	2151	792
		200	150/300	300	250	12x25.4	16x31.75	12x25.4	16x28.4	165	200	270	545	502	581	883	2147	792
		250	150/300	300	250	12x25.4	16x31.75	12x25.4	16x28.4	165	200	270	573	502	581	901	2237	794
	6	50	150/300	300	250	12x25.4	16x31.75	12x25.4	16x28.4	165	200	290	355	502	616	829	1933	790
		60	150/300	300	250	12x25.4	16x31.75	12x25.4	16x28.4	165	200	270	416	502	581	794	2000	791
		75	150/300	300	250	12x25.4	16x31.75	12x25.4	16x28.4	165	200	270	416	502	581	794	2000	791
		100	150/300	300	250	12x25.4	16x31.75	12x25.4	16x28.4	165	200	270	542	502	581	877	2151	792

Dimensional drawing, NBE/NKE Series 2000



TM087002

Dimensions, NBE/NKE Series 2000

Pump size	GS [inch]	GS [mm]
NBE, NKE 012-070	7.05	179
NBE, NKE 015-070	7.05	179
NBE, NKE 015-090	8.86	225
NBE, NKE 015-095	8.86	225
NBE, NKE 020-095	8.86	225
NBE, NKE 020-110	8.86	225
NBE, NKE 020-130	10.28	261
NBE, NKE 025-070	7.05	179
NBE, NKE 025-095	8.74	222
NBE, NKE 025-110	9.41	239
NBE, NKE 030-070	7.05	179
NBE, NKE 030-095	8.74	222
NBE, NKE 030-110	9.41	239
NBE, NKE 030-130	10.51	267
NBE, NKE 040-070	7.05	179
NBE, NKE 040-095	8.74	222
NBE, NKE 040-110	9.41	239
NBE, NKE 040-130	10.51	267
NBE, NKE 050-070	7.05	179
NBE, NKE 050-095	8.74	222
NBE, NKE 050-110	10.51	267
NBE, NKE 060-095	8.74	222
NBE, NKE 060-110	9.41	239

17. Pump Energy Index (PEI)

Pump Energy Index (PEI) was established by the U.S. Department of Energy (DOE) and adopted by Canada as the standard metric used to evaluate pump efficiency. The value is the ratio of the pump efficiency rating (PER) divided by the calculated minimally complaint PER (PER_{STD}) for the pump type. This provides a representation of a pump's actual performance compared to the minimal standard performance required by regulation. The lower the PEI value, the more efficient a pump is at the tested operating points.

PER is determined by defined testing parameters required by the DOE. This includes testing a particular pump model at its best efficiency point (BEP).

For PEI values there are two different versions:

- PEI_{CL} (constant load): Applies to a bare-shaft pump, and a pump sold with a motor
- PEI_{VL} (variable load): Applies to pumps sold with a motor and controller (such as VFD, VSD)

The DOE has set the maximum PEI value as 1.00. Any pump, pump and motor, or pump, motor and controller that exceeds a PEI value of 1.00 can no longer be manufactured after January 26, 2020.

PEI is a generalized efficiency value. PEI cannot be used to determine the efficiency of a pump in a specific application.

NBE pump with MLE motor

Medium speed, 4000 RPM

Pump size	Impeller diameter [inch]	Power size [hp]	Voltage [V]	PEI value
012-070	4.69	3	3x200-240	0.43
	5.00	5		0.43
	5.47	7.5		0.43
	6.10	7.5		0.43
	6.97	10		0.50
	6.65	15		0.50
	6.97	15		0.50
012-070	4.69	3	3x440-480	0.41
	5.00	5		0.41
	5.47	7.5		0.41
	6.10	7.5		0.41
	6.97	10		0.41
	6.65	15		0.41
	6.97	15		0.41
015-070	4.49	5	3x200-240	0.47
	5.04	7.5		0.47
	6.73	10		0.50
	6.93	15		0.50
015-070	4.49	5	3x440-480	0.40
	5.04	7.5		0.40
	6.73	10		0.40
	6.93	15		0.40
	6.93	20		0.40
015-090	7.80	15	3x440-480	0.50
	8.82	20		0.50
	8.82	25		0.50
	9.84	30		0.50
015-095	7.01	15	3x440-480	0.50
	7.87	20		0.50
	7.87	25		0.50
	8.82	30		0.50
020-095	6.26	15	3x440-480	0.50
	7.17	20		0.50
	7.60	25		0.50
	8.03	30		0.50
025-070	4.57	5	3x200-240	0.48
	4.57	7.5		0.50
	4.96	10		0.50
	6.65	15		0.50
025-070	4.57	5	3x440-480	0.41
	4.57	7.5		0.41
	4.96	10		0.41
	6.65	15		0.41
	6.77	20		0.41
	6.77	25		0.41
	6.77	30		0.41
025-095	6.57	25	3x440-480	0.50
	7.17	30		0.50
030-070	5.04	7.5	3x200-240	0.50
	5.39	10		0.50
	5.87	15		0.50
030-070	5.04	7.5	3x440-480	0.50
	5.39	10		0.50
	5.87	15		0.50
	6.02	20		0.50
	6.85	25		0.50
	6.85	30		0.50
040-070	5.12	15	3x440-480	0.50
	5.51	20		0.50
	5.51	25		0.50
	5.75	30		0.50
050-070	5.04	15	3x440-480	0.50
	5.04	20		0.50
	5.04	25		0.50
	5.43	30		0.50

Low speed, 2200 RPM

Pump size	Impeller diameter [inch]	Power size [hp]	Voltage [V]	PEI value
012-070	6.97	1.5	3x440-480	0.39
	6.97	2		0.39
015-070	6.54	1.5	3x440-480	0.43
	6.93	2		0.43
	6.93	3		0.43
	6.93	5		0.43
015-090	7.24	1.5	3x440-480	0.39
	8.11	2		0.39
	9.84	3		0.39
	9.84	5		0.39
	9.84	7.5		0.39
	9.84	10		0.39
015-095	7.32	2	3x440-480	0.41
	8.35	3		0.41
	8.82	5		0.41
	9.84	7.5		0.41
	9.84	10		0.41
020-095	5.83	2	3x440-480	0.43
	7.24	3		0.43
	9.45	5		0.43
	9.45	7.5		0.43
	9.45	10		0.43
020-110	8.98	5	3x440-480	0.41
	9.92	7.5		0.41
	9.92	10		0.41
	10.31	15		0.41
	9.92	20		0.41
020-135	10.16	7.5	3x440-480	0.41
	11.42	10		0.41
	12.52	15		0.41
	13.31	20		0.41
	13.31	25		0.41
	13.31	30		0.41
025-070	5.28	1.5	3x440-480	0.41
	6.54	2		0.41
	6.61	3		0.41
	6.77	5		0.41
025-095	5.98	3	3x440-480	0.42
	9.13	5		0.42
	9.53	7.5		0.42
	9.53	10		0.42
025-110	9.45	7.5	3x440-480	0.41
	10.63	10		0.41
	11.02	15		0.41
	11.02	20		0.41
030-070	5.20	1.5	3x440-480	0.42
	5.71	2		0.42
	6.85	3		0.42
	6.85	5		0.42
030-095	6.10	5	3x440-480	0.43
	8.27	7.5		0.43
	8.86	10		0.43
	8.86	15		0.43
	8.86	20		0.43
030-110	9.61	10	3x440-480	0.41
	10.79	15		0.41
	10.79	20		0.41
030-135	9.92	15	3x440-480	0.50
	11.26	20		0.50
	11.77	25		0.50
	12.91	30		0.50
040-070	4.72	1.5	3x440-480	0.43
	4.96	2		0.43
	5.43	3		0.43
	6.30	5		0.43
	6.85	7.5		0.43
	6.85	10		0.43
040-095	7.13	7.5	3x440-480	0.43
	8.35	10		0.43
	8.35	15		0.43
	9.37	20		0.43
040-110	8.74	15	3x440-480	0.43
	10.08	20		0.43
	10.08	25		0.43
	10.08	30		0.43
040-135	9.29	15	3x440-480	0.50
	10.24	20		0.50
	10.98	25		0.50
	11.42	30		0.50
050-070	5.43	3	3x440-480	0.43
	6.85	5		0.43
	6.93	7.5		0.43
	6.93	10		0.43
050-095	7.68	10	3x440-480	0.43
	8.19	15		0.43
	8.58	20		0.43
	9.13	25		0.43
	9.13	30		0.43
050-110	8.35	15	3x440-480	0.50
	9.13	20		0.50
	9.13	25		0.50
	9.61	30		0.50
060-095	7.32	15	3x440-480	0.50
	7.95	20		0.50
	8.43	25		0.50
	8.90	30		0.50
060-110	8.78	25	3x440-480	0.50
	8.78	30		0.50

NBE pump with integrated CUE and WEG PM motor

Medium speed

Pump size	Impeller diameter [inch]	Power size [hp]	Voltage [V]	PEI value
012-070	4.29	3	3x200	0.50
	4.80	5		0.50
	5.79	7.5		0.50
	6.10	10		0.50
	6.97	15		0.50
	6.97	20		0.50
012-070	4.29	3	3x575	0.50
	4.80	5		0.50
	5.79	7.5		0.50
	6.10	10		0.50
	6.97	15		0.50
	6.97	20		0.50
015-070	4.49	5	3x200	0.50
	4.88	7.5		0.50
	5.51	10		0.50
	6.22	15		0.50
	6.93	20		0.50
015-070	4.49	5	3x575	0.50
	4.88	7.5		0.50
	5.51	10		0.50
	6.22	15		0.50
	6.93	20		0.50
015-090	7.09	15	3x200	0.50
	7.68	20		0.50
	8.11	25		0.50
	8.70	30		0.50
	9.84	40		0.50
	9.84	50		0.50
015-090	9.84	40	3x460	0.50
	9.84	50		0.50
015-090	7.09	15	3x575	0.50
	7.68	20		0.50
	8.11	25		0.50
	8.70	30		0.50
	9.84	40		0.50
	9.84	50		0.50
015-095	6.46	15	3x200	0.50
	6.93	20		0.50
	7.36	25		0.50
	7.72	30		0.50
	8.70	40		0.50
	9.53	50		0.50
015-095	8.70	40	3x460	0.50
	9.53	50		0.50
015-095	6.46	15	3x575	0.50
	6.93	20		0.50
	7.36	25		0.50
	7.72	30		0.50
	8.70	40		0.50
	9.53	50		0.50
020-095	5.75	15	3x200	0.50
	6.18	20		0.50
	6.57	25		0.50
	6.97	30		0.50
	7.91	40		0.50
	8.50	50		0.50
	9.45	60		0.50
020-095	7.91	40	3x460	0.50
	8.50	50		0.50
	9.45	60		0.50
	9.45	75		0.50
020-095	5.75	15	3x575	0.50
	6.18	20		0.50
	6.57	25		0.50
	6.97	30		0.50
	7.91	40		0.50
	8.50	50		0.50
	9.45	60		0.50
	9.45	75		0.50
025-070	4.57	7.5	3x200	0.50
	4.88	10		0.50
	5.55	15		0.50
	6.18	20		0.50
	6.54	25		0.50
	6.77	30		0.50
025-070	4.57	7.5	3x575	0.50
	4.88	10		0.50
	5.55	15		0.50
	6.18	20		0.50
	6.54	25		0.50
	6.77	30		0.50
025-095	5.98	25	3x200	0.50
	6.22	30		0.50
	7.05	40		0.50
	7.64	50		0.50
	8.39	60		0.50
025-095	7.05	40	3x460	0.50
	7.64	50		0.50
	8.39	60		0.50
	9.25	75		0.50
025-095	5.98	25	3x575	0.50
	6.22	30		0.50
	7.05	40		0.50
	7.64	50		0.50
	8.39	60		0.50
	9.25	75		0.50
030-070	5.04	15	3x200	0.50
	5.47	20		0.50
	5.83	25		0.50
	6.18	30		0.50
	6.85	40		0.50
	6.85	50		0.50
030-070	6.85	40	3x460	0.50
	6.85	50		0.50

Pump size	Impeller diameter [inch]	Power size [hp]	Voltage [V]	PEI value
030-070	5.04	15	3x575	0.50
	5.47	20		0.50
	5.83	25		0.50
	6.18	30		0.50
	6.85	40		0.50
	6.85	50		0.50
030-095	6.10	40	3x200	0.50
	6.38	50		0.50
	6.81	60		0.50
030-095	6.10	40	3x460	0.50
	6.38	50		0.50
	6.81	60		0.50
	7.24	75		0.50
030-095	6.10	40	3x575	0.50
	6.38	50		0.50
	6.81	60		0.50
	7.24	75		0.50
040-070	5.12	20	3x200	0.50
	5.43	25		0.50
	5.67	30		0.50
	6.22	40		0.50
	6.69	50		0.50
040-070	6.22	40	3x460	0.50
	6.69	50		0.50
040-070	5.12	20	3x575	0.50
	5.43	25		0.50
	5.67	30		0.50
	6.22	40		0.50
	6.69	50		0.50
040-095	6.81	75	3x460	0.50
040-095	6.81	75	3x575	0.50
050-070	5.35	30	3x200	0.50
	6.02	40		0.50
	6.42	50		0.50
	6.77	60		0.50
050-070	6.02	40	3x460	0.50
	6.42	50		0.50
	6.77	60		0.50
	6.93	75		0.50
050-070	5.35	30	3x575	0.50
	6.02	40		0.50
	6.42	50		0.50
	6.77	60		0.50
	6.93	75		0.50

Low speed

Pump size	Impeller diameter [inch]	Power size [hp]	Voltage [V]	PEI value
012-070	1.5	6.85	3x200	0.50
	2	6.97		0.50
012-070	1.5	6.85	3x575	0.50
	2	6.97		0.50
015-070	1.5	5.79	3x200	0.50
	2	6.42		0.50
	3	6.93		0.50
	5	6.93		0.50
015-070	1.5	5.79	3x575	0.50
	2	6.42		0.50
	3	6.93		0.50
	5	6.93		0.50
015-090	1.5	6.69	3x200	0.50
	2	7.13		0.50
	3	7.99		0.50
	5	9.84		0.50
015-090	1.5	6.69	3x575	0.50
	2	7.13		0.50
	3	7.99		0.50
	5	9.84		0.50
015-095	2	6.54	3x200	0.50
	3	7.24		0.50
	5	8.50		0.50
	7.5	9.84		0.50
	10	9.84		0.50
015-095	2	6.54	3x575	0.50
	3	7.24		0.50
	5	8.50		0.50
	7.5	9.84		0.50
	10	9.84		0.50
020-095	2	5.83	3x200	0.50
	3	6.50		0.50
	5	7.91		0.50
	7.5	9.45		0.50
	10	9.45		0.50
020-095	2	5.83	3x575	0.50
	3	6.50		0.50
	5	7.91		0.50
	7.5	9.45		0.50
	10	9.45		0.50
020-110	5	8.11	3x200	0.50
	7.5	8.86		0.50
	10	9.80		0.50
	15	10.31		0.50
	20	10.31		0.50
020-110	5	8.11	3x575	0.50
	7.5	8.86		0.50
	10	9.80		0.50
	15	10.31		0.50
	20	10.31		0.50

Pump size	Impeller diameter [inch]	Power size [hp]	Voltage [V]	PEI value
020-135	7.5	9.29	3x200	0.50
	10	10.04		0.50
	15	11.18		0.50
	20	12.32		0.50
	25	13.39		0.50
	30	13.39		0.50
020-135	7.5	9.29	3x575	0.50
	10	10.04		0.50
	15	11.18		0.50
	20	12.32		0.50
	25	13.39		0.50
	30	13.39		0.50
025-070	1.5	5.12	3x200	0.50
	2	5.75		0.50
	3	6.46		0.50
	5	6.77		0.50
025-070	1.5	5.12	3x575	0.50
	2	5.75		0.50
	3	6.46		0.50
	5	6.77		0.50
025-095	3	5.98	3x200	0.50
	5	6.97		0.50
	7.5	8.15		0.50
	10	9.53		0.50
025-095	3	5.98	3x575	0.50
	5	6.97		0.50
	7.5	8.15		0.50
	10	9.53		0.50
025-110	7.5	8.58	3x200	0.50
	10	9.37		0.50
	15	10.75		0.50
	20	11.02		0.50
025-110	7.5	8.58	3x575	0.50
	10	9.37		0.50
	15	10.75		0.50
	20	11.02		0.50
030-070	1.5	4.72	3x200	0.50
	2	5.08		0.50
	3	5.75		0.50
	5	6.85		0.50
030-070	1.5	4.72	3x575	0.50
	2	5.08		0.50
	3	5.75		0.50
	5	6.85		0.50
030-095	5	6.10	3x200	0.50
	7.5	6.65		0.50
	10	7.40		0.50
	15	8.58		0.50
	20	8.86		0.50
030-095	5	6.10	3x575	0.50
	7.5	6.65		0.50
	10	7.40		0.50
	15	8.58		0.50
	20	8.86		0.50

Pump size	Impeller diameter [inch]	Power size [hp]	Voltage [V]	PEI value
030-110	10	8.50	3x200	0.50
	15	9.53		0.50
	20	10.71		0.50
030-110	10	8.50	3x575	0.50
	15	9.53		0.50
	20	10.71		0.50
030-135	15	8.98	3x200	0.50
	20	9.76		0.50
	25	10.47		0.50
	30	11.06		0.50
	40	12.64		0.50
	50	12.91		0.50
030-135	40	12.64	3x460	0.50
	50	12.91		0.50
030-135	15	8.98	3x575	0.50
	20	9.76		0.50
	25	10.47		0.50
	30	11.06		0.50
	40	12.64		0.50
	50	12.91		0.50
040-070	2	5.12	3x200	0.50
	3	5.43		0.50
	5	6.14		0.50
040-070	7.5	6.85	3x200	0.50
	10	6.85		0.50
040-070	2	5.12	3x575	0.50
	3	5.43		0.50
	5	6.14		0.50
	7.5	6.85		0.50
	10	6.85		0.50
040-095	7.5	6.38	3x200	0.50
	10	7.05		0.50
	15	8.11		0.50
	20	9.37		0.50
040-095	7.5	6.38	3x575	0.50
	10	7.05		0.50
	15	8.11		0.50
	20	9.37		0.50
040-110	15	8.11	3x200	0.50
	20	8.66		0.50
	25	9.29		0.50
	30	9.92		0.50
040-110	15	8.11	3x575	0.50
	20	8.66		0.50
	25	9.29		0.50
	30	9.92		0.50
040-135	20	9.29	3x200	0.50
	25	10.00		0.50
	30	10.71		0.50
	40	11.69		0.50
	50	12.64		0.50
040-135	40	11.69	3x460	0.50
	50	12.64		0.50

Pump size	Impeller diameter [inch]	Power size [hp]	Voltage [V]	PEI value
040-135	20	9.29	3x575	0.50
	25	10.00		0.50
	30	10.71		0.50
	40	11.69		0.50
	50	12.64		0.50
050-070	3	5.43	3x200	0.50
	5	6.06		0.50
	7.5	6.61		0.50
	10	6.93		0.50
050-070	3	5.43	3x575	0.50
	5	6.06		0.50
	7.5	6.61		0.50
	10	6.93		0.50
050-095	10	6.85	3x200	0.50
	15	7.24		0.50
	20	8.07		0.50
	25	8.62		0.50
	30	9.13		0.50
050-095	10	6.85	3x575	0.50
	15	7.24		0.50
	20	8.07		0.50
	25	8.62		0.50
	30	9.13		0.50
050-110	20	8.35	3x200	0.50
	25	8.94		0.50
	30	9.45		0.50
	40	10.63		0.50
	50	10.63		0.50
050-110	40	10.63	3x460	0.50
	50	10.63		0.50
050-110	20	8.35	3x575	0.50
	25	8.94		0.50
	30	9.45		0.50
	40	10.63		0.50
	50	10.63		0.50
050-135	25	8.86	3x200	0.50
	30	9.29		0.50
	40	10.43		0.50
	50	11.18		0.50
	60	11.89		0.50
050-135	40	10.43	3x460	0.50
	50	11.18		0.50
	60	11.89		0.50
	75	12.83		0.50
050-135	25	8.86	3x575	0.50
	30	9.29		0.50
	40	10.43		0.50
	50	11.18		0.50
	60	11.89		0.50
	75	12.83		0.50

Pump size	Impeller diameter [inch]	Power size [hp]	Voltage [V]	PEI value
060-095	20	7.87	3x200	0.50
	25	8.35		0.50
	30	8.74		0.50
	40	9.53		0.50
	50	9.53		0.50
060-095	40	9.53	3x460	0.50
	50	9.53		0.50
060-095	20	7.87	3x575	0.50
	25	8.35		0.50
	30	8.74		0.50
	40	9.53		0.50
	50	9.53		0.50
060-110	30	8.78	3x200	0.50
	40	9.45		0.50
	50	10.08		0.50
	60	10.75		0.50
060-110	40	9.45	3x460	0.50
	50	10.08		0.50
	60	10.75		0.50
	75	10.75		0.50
060-110	30	8.78	3x575	0.50
	40	9.45		0.50
	50	10.08		0.50
	60	10.75		0.50
	75	10.75		0.50

NKE pump with MLE motor

Medium speed, 4000 RPM

Pump size	Impeller diameter [inch]	Power size [hp]	Voltage [V]	PEI value
012-070	4.69	3	3x200-240	0.50
	5.00	5		0.50
	5.47	7.5		0.50
	6.10	7.5		0.50
	6.97	10		0.50
	6.65	15		0.50
	6.97	15		0.50
012-070	4.69	3	3x440-480	0.41
	5.00	5		0.41
	5.47	7.5		0.41
	6.10	7.5		0.41
	6.97	10		0.41
	6.65	15		0.41
	6.97	15		0.41
015-070	4.49	5	3x200-240	0.50
	5.04	7.5		0.50
	6.73	10		0.50
	6.93	15		0.50
015-070	4.49	5	3x440-480	0.40
	5.04	7.5		0.40
	6.73	10		0.40
	6.93	15		0.40
	6.93	20		0.40

Pump size	Impeller diameter [inch]	Power size [hp]	Voltage [V]	PEI value
015-090	7.80	15	3x440-480	0.50
	8.82	20		0.50
	8.82	25		0.50
	9.84	30		0.50
015-095	7.01	15	3x440-480	0.50
	7.87	20		0.50
	7.87	25		0.50
	8.82	30		0.50
020-095	6.26	15	3x440-480	0.50
	7.17	20		0.50
	7.60	25		0.50
	8.03	30		0.50
025-070	4.57	5	3x200-240	0.50
	4.57	7.5		0.50
	4.96	10		0.50
	6.65	15		0.50
025-070	4.57	5	3x440-480	0.41
	4.57	7.5		0.41
	4.96	10		0.41
	6.65	15		0.41
	6.77	20		0.41
	6.77	25		0.41
	6.77	30		0.41
025-095	6.57	25	3x440-480	0.50
	7.17	30		0.50
030-070	5.04	7.5	3x200-240	0.50
	5.39	10		0.50
	5.87	15		0.50
030-070	5.04	7.5	3x440-480	0.50
	5.39	10		0.50
	5.87	15		0.50
	6.02	20		0.50
	6.85	25		0.50
	6.85	30		0.50
040-070	5.12	15	3x440-480	0.50
	5.51	20		0.50
	5.51	25		0.50
	5.75	30		0.50
050-070	5.04	15	3x440-480	0.50
	5.04	20		0.50
	5.04	25		0.50
	5.43	30		0.50

Low speed, 2200 RPM

Pump size	Impeller diameter [inch]	Power size [hp]	Voltage [V]	PEI value
012-070	6.97	1.5	3x440-480	0.39
	6.97	2		0.39
015-070	6.54	1.5	3x440-480	0.43
	6.93	2		0.43
	6.93	3		0.43
	6.93	5		0.43
015-090	7.24	1.5	3x440-480	0.39
	8.11	2		0.39
	9.84	3		0.39
	9.84	5		0.39
	9.84	7.5		0.39
	9.84	10		0.39
015-095	7.32	2	3x440-480	0.41
	8.35	3		0.41
	8.82	5		0.41
	9.84	7.5		0.41
	9.84	10		0.41
020-095	5.83	2	3x440-480	0.43
	7.24	3		0.43
	9.45	5		0.43
	9.45	7.5		0.43
	9.45	10		0.43
020-110	8.98	5	3x440-480	0.41
	9.92	7.5		0.41
	9.92	10		0.41
	10.31	15		0.41
	9.92	20		0.41
020-135	10.16	7.5	3x440-480	0.40
	11.42	10		0.40
	12.52	15		0.40
	13.31	20		0.40
	13.31	25		0.40
	13.31	30		0.40
025-070	5.28	1.5	3x440-480	0.41
	6.54	2		0.41
	6.61	3		0.41
	6.77	5		0.41
025-095	5.98	3	3x440-480	0.42
	9.13	5		0.42
	9.53	7.5		0.42
	9.53	10		0.42
025-110	9.45	7.5	3x440-480	0.41
	10.63	10		0.41
	11.02	15		0.41
	11.02	20		0.41
030-070	5.20	1.5	3x440-480	0.42
	5.71	2		0.42
	6.85	3		0.42
	6.85	5		0.42

Pump size	Impeller diameter [inch]	Power size [hp]	Voltage [V]	PEI value
030-095	6.10	5	3x440-480	0.43
	8.27	7.5		0.43
	8.86	10		0.43
	8.86	15		0.43
	8.86	20		0.43
030-110	9.61	10	3x440-480	0.41
	10.79	15		0.41
	10.79	20		0.41
030-135	9.92	15	3x440-480	0.50
	11.26	20		0.50
	11.77	25		0.50
	12.91	30		0.50
040-070	4.72	1.5	3x440-480	0.43
	4.96	2		0.43
	5.43	3		0.43
	6.30	5		0.43
	6.85	7.5		0.43
	6.85	10		0.43
040-095	7.13	7.5	3x440-480	0.43
	8.35	10		0.43
	8.35	15		0.43
	9.37	20		0.43
040-110	8.74	15	3x440-480	0.42
	10.08	20		0.42
	10.08	25		0.42
	10.08	30		0.42
040-135	9.29	15	3x440-480	0.50
	10.24	20		0.50
	10.98	25		0.50
	11.42	30		0.50
050-070	5.43	3	3x440-480	0.43
	6.85	5		0.43
	6.93	7.5		0.43
	6.93	10		0.43
050-095	7.68	10	3x440-480	0.43
	8.19	15		0.43
	8.58	20		0.43
	9.13	25		0.43
	9.13	30		0.43
050-110	8.35	15	3x440-480	0.50
	9.13	20		0.50
	9.13	25		0.50
	9.61	30		0.50
060-095	7.32	15	3x440-480	0.50
	7.95	20		0.50
	8.43	25		0.50
	8.90	30		0.50
060-110	8.78	25	3x440-480	0.50
	8.78	30		0.50

NKE pump with integrated CUE and WEG PM motor

Medium speed

Pump size	Impeller diameter [inch]	Power size [hp]	Voltage [V]	PEI value
012-070	4.29	3	3x200	0.50
	4.80	5		0.50
	5.79	7.5		0.50
	6.10	10		0.50
	6.97	15		0.50
	6.97	20		0.50
012-070	4.29	3	3x575	0.50
	4.80	5		0.50
	5.79	7.5		0.50
	6.10	10		0.50
	6.97	15		0.50
	6.97	20		0.50
015-070	4.49	5	3x200	0.50
	4.88	7.5		0.50
	5.51	10		0.50
	6.22	15		0.50
	6.93	20		0.50
015-070	4.49	5	3x575	0.50
	4.88	7.5		0.50
	5.51	10		0.50
	6.22	15		0.50
	6.93	20		0.50
015-090	7.09	15	3x200	0.50
	7.68	20		0.50
	8.11	25		0.50
	8.70	30		0.50
	9.84	40		0.50
	9.84	50		0.50
015-090	9.84	40	3x460	0.50
	9.84	50		0.50
015-090	7.09	15	3x575	0.50
	7.68	20		0.50
	8.11	25		0.50
	8.70	30		0.50
	9.84	40		0.50
	9.84	50		0.50
015-095	6.46	15	3x200	0.50
	6.93	20		0.50
	7.36	25		0.50
	7.72	30		0.50
	8.70	40		0.50
	9.53	50		0.50
015-095	8.70	40	3x460	0.50
	9.53	50		0.50
015-095	6.46	15	3x575	0.50
	6.93	20		0.50
	7.36	25		0.50
	7.72	30		0.50
	8.70	40		0.50
	9.53	50		0.50

Pump size	Impeller diameter [inch]	Power size [hp]	Voltage [V]	PEI value
020-095	5.75	15	3x200	0.50
	6.18	20		0.50
	6.57	25		0.50
	6.97	30		0.50
	7.91	40		0.50
	8.50	50		0.50
	9.45	60		0.50
020-095	7.91	40	3x460	0.50
	8.50	50		0.50
	9.45	60		0.50
	9.45	75		0.50
020-095	5.75	15	3x575	0.50
	6.18	20		0.50
	6.57	25		0.50
	6.97	30		0.50
	7.91	40		0.50
	8.50	50		0.50
	9.45	60		0.50
	9.45	75		0.50
025-070	4.57	7.5	3x200	0.50
	4.88	10		0.50
	5.55	15		0.50
	6.18	20		0.50
	6.54	25		0.50
	6.77	30		0.50
025-070	4.57	7.5	3x575	0.50
	4.88	10		0.50
	5.55	15		0.50
	6.18	20		0.50
	6.54	25		0.50
	6.77	30		0.50
025-095	5.98	25	3x200	0.50
	6.22	30		0.50
	7.05	40		0.50
	7.64	50		0.50
	8.39	60		0.50
025-095	7.05	40	3x460	0.50
	7.64	50		0.50
	8.39	60		0.50
	9.25	75		0.50
025-095	5.98	25	3x575	0.50
	6.22	30		0.50
	7.05	40		0.50
	7.64	50		0.50
	8.39	60		0.50
	9.25	75		0.50
030-070	5.04	15	3x200	0.50
	5.47	20		0.50
	5.83	25		0.50
	6.18	30		0.50
	6.85	40		0.50
	6.85	50		0.50
030-070	6.85	40	3x460	0.50
	6.85	50		0.50

Pump size	Impeller diameter [inch]	Power size [hp]	Voltage [V]	PEI value
030-070	5.04	15	3x575	0.50
	5.47	20		0.50
	5.83	25		0.50
	6.18	30		0.50
	6.85	40		0.50
	6.85	50		0.50
030-095	6.10	40	3x200	0.50
	6.38	50		0.50
	6.81	60		0.50
030-095	6.10	40	3x460	0.50
	6.38	50		0.50
	6.81	60		0.50
	7.24	75		0.50
030-095	6.10	40	3x575	0.50
	6.38	50		0.50
	6.81	60		0.50
	7.24	75		0.50
040-070	5.12	20	3x200	0.50
	5.43	25		0.50
	5.67	30		0.50
	6.22	40		0.50
	6.69	50		0.50
040-070	6.22	40	3x460	0.50
	6.69	50		0.50
040-070	5.12	20	3x575	0.50
	5.43	25		0.50
	5.67	30		0.50
	6.22	40		0.50
	6.69	50		0.50
040-095	6.81	75	3x460	0.50
040-095	6.81	75	3x575	0.50
050-070	5.35	30	3x200	0.50
	6.02	40		0.50
	6.42	50		0.50
	6.77	60		0.50
050-070	6.02	40	3x460	0.50
	6.42	50		0.50
	6.77	60		0.50
	6.93	75		0.50
050-070	5.35	30	3x575	0.50
	6.02	40		0.50
	6.42	50		0.50
	6.77	60		0.50
	6.93	75		0.50

Low speed

Pump size	Impeller diameter [inch]	Power size [hp]	Voltage [V]	PEI value
012-070	6.85	1.5	3x200	0.50
	6.97	2		0.50
012-070	6.85	1.5	3x575	0.50
	6.97	2		0.50
015-070	5.79	1.5	3x200	0.50
	6.42	2		0.50
	6.93	3		0.50
	6.93	5		0.50
015-070	5.79	1.5	3x575	0.50
	6.42	2		0.50
	6.93	3		0.50
	6.93	5		0.50
015-090	6.69	1.5	3x200	0.50
	7.13	2		0.50
	7.99	3		0.50
	9.84	5		0.50
015-090	6.69	1.5	3x575	0.50
	7.13	2		0.50
	7.99	3		0.50
	9.84	5		0.50
015-095	6.54	2	3x200	0.50
	7.24	3		0.50
	8.50	5		0.50
	9.84	7.5		0.50
	9.84	10		0.50
015-095	6.54	2	3x575	0.50
	7.24	3		0.50
	8.50	5		0.50
	9.84	7.5		0.50
	9.84	10		0.50
020-095	5.83	2	3x200	0.50
	6.50	3		0.50
	7.91	5		0.50
	9.45	7.5		0.50
	9.45	10		0.50
020-095	5.83	2	3x575	0.50
	6.50	3		0.50
	7.91	5		0.50
	9.45	7.5		0.50
	9.45	10		0.50
020-110	8.11	5	3x200	0.50
	8.86	7.5		0.50
	9.80	10		0.50
	10.31	15		0.50
	10.31	20		0.50
020-110	8.11	5	3x575	0.50
	8.86	7.5		0.50
	9.80	10		0.50
	10.31	15		0.50
	10.31	20		0.50

Pump size	Impeller diameter [inch]	Power size [hp]	Voltage [V]	PEI value
020-135	9.29	7.5	3x200	0.50
	10.04	10		0.50
	11.18	15		0.50
	12.32	20		0.50
	13.31	25		0.50
	13.31	30		0.50
020-135	9.29	7.5	3x575	0.50
	10.04	10		0.50
	11.18	15		0.50
	12.32	20		0.50
	13.31	25		0.50
	13.31	30		0.50
025-070	5.12	1.5	3x200	0.50
	5.75	2		0.50
	6.46	3		0.50
	6.77	5		0.50
025-070	5.12	1.5	3x575	0.50
	5.75	2		0.50
	6.46	3		0.50
	6.77	5		0.50
025-095	5.98	3	3x200	0.50
	6.97	5		0.50
	8.15	7.5		0.50
	9.53	10		0.50
025-095	5.98	3	3x575	0.50
	6.97	5		0.50
	8.15	7.5		0.50
	9.53	10		0.50
025-110	8.58	7.5	3x200	0.50
	9.37	10		0.50
	10.75	15		0.50
	11.02	20		0.50
025-110	8.58	7.5	3x575	0.50
	9.37	10		0.50
	10.75	15		0.50
	11.02	20		0.50
030-070	4.72	1.5	3x200	0.50
	5.08	2		0.50
	5.75	3		0.50
	6.85	5		0.50
030-070	4.72	1.5	3x575	0.50
	5.08	2		0.50
	5.75	3		0.50
	6.85	5		0.50
030-095	6.10	5	3x200	0.50
	6.65	7.5		0.50
	7.40	10		0.50
	8.58	15		0.50
	8.86	20		0.50
030-095	6.10	5	3x575	0.50
	6.65	7.5		0.50
	7.40	10		0.50
	8.58	15		0.50
	8.86	20		0.50

Pump size	Impeller diameter [inch]	Power size [hp]	Voltage [V]	PEI value
030-110	8.35	10	3x200	0.50
	9.37	15		0.50
	10.55	20		0.50
030-110	8.35	10	3x575	0.50
	9.37	15		0.50
	10.55	20		0.50
030-135	8.98	15	3x200	0.50
	9.76	20		0.50
	10.47	25		0.50
	11.06	30		0.50
	12.64	40		0.50
	12.91	50		0.50
030-135	12.64	40	3x460	0.50
	12.91	50		0.50
030-135	8.98	15	3x575	0.50
	9.76	20		0.50
	10.47	25		0.50
	11.06	30		0.50
	12.64	40		0.50
	12.91	50		0.50
040-070	4.72	2	3x200	0.50
	5.28	3		0.50
	6.14	5		0.50
	6.85	7.5		0.50
	6.85	10		0.50
040-070	4.72	2	3x575	0.50
	5.28	3		0.50
	6.14	5		0.50
	6.85	7.5		0.50
	6.85	10		0.50
040-095	6.38	7.5	3x200	0.50
	7.05	10		0.50
	8.11	15		0.50
	9.37	20		0.50
040-095	6.38	7.5	3x575	0.50
	7.05	10		0.50
	8.11	15		0.50
	9.37	20		0.50
040-110	8.11	15	3x200	0.50
	8.66	20		0.50
	9.29	25		0.50
	9.92	30		0.50
040-110	8.11	15	3x575	0.50
	8.66	20		0.50
	9.29	25		0.50
	9.92	30		0.50
040-135	9.29	20	3x200	0.50
	10.00	25		0.50
	10.71	30		0.50
	11.69	40		0.50
	12.64	50		0.50
040-135	11.69	40	3x460	0.50
	12.64	50		0.50

Pump size	Impeller diameter [inch]	Power size [hp]	Voltage [V]	PEI value
040-135	9.29	20	3x575	0.50
	10.00	25		0.50
	10.71	30		0.50
	11.69	40		0.50
	12.64	50		0.50
040-150	12.20	50	3x200	0.50
	12.87	60		0.50
040-150	12.20	50	3x460	0.50
	12.87	60		0.50
	12.87	75		0.50
040-150	12.20	50	3x575	0.50
	12.87	60		0.50
	12.87	75		0.50
050-070	4.88	3	3x200	0.50
	6.06	5		0.50
	6.61	7.5		0.50
	6.93	10		0.50
050-070	4.88	3	3x575	0.50
	6.06	5		0.50
	6.61	7.5		0.50
	6.93	10		0.50
050-095	6.46	10	3x200	0.50
	7.24	15		0.50
	8.07	20		0.50
	8.62	25		0.50
	9.13	30		0.50
050-095	6.46	10	3x575	0.50
	7.24	15		0.50
	8.07	20		0.50
	8.62	25		0.50
	9.13	30		0.50
050-110	8.35	20	3x200	0.50
	8.94	25		0.50
	9.45	30		0.50
	10.63	40		0.50
	10.63	50		0.50
050-110	10.63	40	3x460	0.50
	10.63	50		0.50
050-110	8.35	20	3x575	0.50
	8.94	25		0.50
	9.45	30		0.50
	10.63	40		0.50
	10.63	50		0.50
050-135	8.86	25	3x200	0.50
	9.29	30		0.50
	10.43	40		0.50
	11.18	50		0.50
	11.89	60		0.50
050-135	10.43	40	3x460	0.50
	11.18	50		0.50
	11.89	60		0.50
	12.83	75		0.50

Pump size	Impeller diameter [inch]	Power size [hp]	Voltage [V]	PEI value
050-135	8.86	25	3x575	0.50
	9.29	30		0.50
	10.43	40		0.50
	11.18	50		0.50
	11.89	60		0.50
	12.83	75		0.50
060-095	7.87	20	3x200	0.50
	8.35	25		0.50
	8.74	30		0.50
	9.53	40		0.50
	9.53	50		0.50
060-095	9.53	40	3x460	0.50
	9.53	50		0.50
060-095	7.87	20	3x575	0.50
	8.35	25		0.50
	8.74	30		0.50
	9.53	40		0.50
	9.53	50		0.50
060-110	8.78	30	3x200	0.50
	9.45	40		0.50
	10.08	50		0.50
	10.75	60		0.50
060-110	9.45	40	3x460	0.50
	10.08	50		0.50
	10.75	60		0.50
	10.75	75		0.50
060-110	8.78	30	3x575	0.50
	9.45	40		0.50
	10.08	50		0.50
	10.75	60		0.50
	10.75	75		0.50
080-135	9.84	60	3x200	0.50
080-135	9.84	60	3x460	0.50
	9.84	75		0.50
080-135	9.84	60	3x575	0.50
	9.84	75		0.50

NB pump with fixed-speed motor

2-pole

Pump size	Max. Power [hp]	Max. impeller trim [inch]	PEI		
			Bare pump	Pump with motor	Pump with motor and CUE [38]
012-070	15	6.97	0.93	0.93	0.48
015-070	20	6.93	0.91	0.91	0.46
015-090	40	9.84	0.88	0.88	0.44
015-095	50	9.69	0.88	0.88	0.44
020-095	60	9.45	0.90	0.90	0.44
025-070	30	6.77	0.91	0.91	0.47
025-095	75	9.53	0.93	0.93	0.45
030-070	40	6.85	0.93	0.93	0.47
030-095	125	8.86	0.94	0.94	0.46
040-070	50	6.77	0.93	0.94	0.46
040-095	125	8.35	0.96	0.96	0.47
050-070	75	6.93	0.94	0.94	0.46

[38] Asynchronous motor + CUE

4-pole

Pump size	Max. Power [hp]	Max. impeller trim [inch]	PEI		
			Bare pump	Pump with motor	Pump with motor and CUE [38]
012-070	1.5	6.97	0.87	0.87	0.47
015-070	3	6.93	0.92	0.92	0.49
015-090	5	9.84	0.84	0.84	0.44
015-095	7.5	9.84	0.90	0.90	0.45
020-095	7.5	9.45	0.94	0.94	0.47
020-110	15	10.31	0.89	0.89	0.45
020-135	25	13.39-13.23	0.87	0.87	0.43
025-070	5	6.77	0.89	0.89	0.48
025-095	10	9.53	0.91	0.91	0.45
025-110	15	11.02	0.90	0.90	0.45
030-070	5	6.85	0.90	0.90	0.47
030-095	15	8.86	0.92	0.92	0.46
030-110	20	10.94-10.63	0.90	0.90	0.45
030-135	40	12.91	0.91	0.92	0.45
040-070	7.5	6.85	0.93	0.93	0.47
040-095	20	9.37	0.95	0.95	0.46
040-110	30	10.08	0.93	0.93	0.46
040-135	50	12.83	0.95	0.95	0.46
050-070	10	6.93	0.94	0.94	0.47
050-095	30	9.13	0.93	0.93	0.46
050-110	40	10.63	0.95	0.95	0.47
050-135	75	13.11-12.95	0.94	0.94	0.45
060-095	40	9.53	0.93	0.93	0.45
060-110	60	10.75	0.93	0.93	0.44

[38] Asynchronous motor + CUE

6-pole

6-pole pumps are out of DOE scope, PEI value is not available.

NK pump with fixed-speed motor

2-pole

Pump size	Max. Power [hp]	Max. impeller trim [inch]	PEI		
			Bare pump	Pump with motor	Pump with motor and CUE [39]
012-070	15	6.97	0.92	0.92	0.47
015-070	20	6.93	0.90	0.90	0.45
015-090	40	9.84	0.87	0.87	0.44
015-095	50	9.69	0.87	0.87	0.43
020-095	60	9.45	0.89	0.89	0.43
025-070	30	6.77	0.91	0.91	0.46
025-095	75	9.53	0.92	0.92	0.45
030-070	40	6.85	0.92	0.92	0.46
030-095	125	8.86	0.93	0.93	0.46
040-070	50	6.77	0.93	0.93	0.46
040-095	150	9.21	0.96	0.96	0.47
050-070	75	6.93	0.94	0.94	0.45

[39] Asynchronous motor + CUE

4-pole

Pump size	Max. Power [hp]	Max. impeller trim [inch]	PEI		
			Bare pump	Pump with motor	Pump with motor and CUE [39]
012-070	1.5	6.97	0.87	0.87	0.47
015-070	3	6.93	0.92	0.92	0.48
015-090	5	9.84	0.83	0.83	0.44
015-095	7.5	9.84	0.89	0.89	0.45
020-095	7.5	9.45	0.94	0.94	0.47
020-110	15	10.31	0.89	0.89	0.45
020-135	25	13.39-13.23	0.87	0.87	0.43
025-070	5	6.77	0.88	0.88	0.48
025-095	10	9.53	0.90	0.90	0.45
025-110	15	11.02	0.90	0.90	0.45
030-070	5	6.85	0.90	0.90	0.47
030-095	15	8.86	0.92	0.92	0.46
030-110	20	10.94-10.63	0.90	0.90	0.44
030-135	40	12.91	0.91	0.91	0.45
040-070	7.5	6.85	0.93	0.93	0.47
040-095	20	9.37	0.94	0.94	0.46
040-110	30	10.08	0.93	0.93	0.46
040-135	50	12.83	0.94	0.94	0.46
040-150	150	16.77	0.95	0.95	0.47
050-070	10	6.93	0.93	0.93	0.47
050-095	30	9.13	0.93	0.93	0.46
050-110	40	10.63	0.95	0.95	0.46
050-135	75	13.11-12.95	0.94	0.94	0.45
050-150	200	16.14	0.95	0.95	0.45
060-095	40	9.53	0.93	0.93	0.45
060-110	60	10.75	0.93	0.93	0.44
060-135	125	12.91-12.76	0.94	0.94	0.45
060-150	250	15.83	OUT OF SCOPE		
080-135	200	13.43	0.94	0.94	0.44
080-150	250	15.59	OUT OF SCOPE		
100-150	250	14.76	OUT OF SCOPE		

[39] Asynchronous motor + CUE

6-pole

6-pole pumps are out of DOE scope, PEI value is not available.

18. Motor data

Standard motor ranges

The table shows the range of standard motors currently used for NB, NK pumps. The motors stated in section Dimensional drawings and technical data are Baldor motors.

	Efficiency class	Motor enclosure	Pole	P2 [hp (kW)]																		
				1 (0.75)	1.5 (1.1)	2 (1.5)	3 (2.2)	5 (3.7)	7.5 (5.5)	10 (7.5)	15 (11)	20 (15)	25 (18.5)	30 (22)	40 (30)	50 (37)	60 (45)	75 (55)	100 (75)	125 (90)	150 (110)	200 (150)	250 (185)
NK	NEMA Premium (IE3)	ODP [40]	2	-	-	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	-	-
			4	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
			6	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	-	-	-	-
		TEFC [41]	2	-	-	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	-	-
			4	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
			6	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	-	-	-	-
NB	NEMA Premium (IE3)	ODP [40]	2	-	-	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●	-	-	-
			4	●	●	●	●	●	●	●	●	●	●	●	●	●	●	-	-	-	-	-	-
			6	●	●	●	●	●	●	●	●	●	-	-	-	-	-	-	-	-	-	-	-
		TEFC [41]	2	-	-	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●	-	-	-
			4	●	●	●	●	●	●	●	●	●	●	●	●	●	●	-	-	-	-	-	-
			6	●	●	●	●	●	●	●	●	●	-	-	-	-	-	-	-	-	-	-	-

[40] ODP: Open drip proof.

[41] TEFC: Totally enclosed fan-cooled.

Note: Not all motor makes are available worldwide. For specific information about the motor makes available in your region, contact your Grundfos Customer Service Unit (CSU).

E-motor range

MLE Motor range

The table below shows the frequency controlled MLE motors used in the NBE, NKE pump range.

P2, MLE motor [hp]	NBE, NKE & NBE, NKE Series 2000					
	Medium speed, 4000 RPM		Low speed, 2000 RPM		Low speed, 2200 RPM	
	460 V	200-240 V	460 V	200-240 V	460 V	200-240 V
1.5	-	-	●	-	-	-
2	-	-	●	-	-	-
3	●	●	-	-	●	-
5	●	●	-	-	●	-
7.5	●	●	-	-	●	-
10	●	●	-	-	●	-
15	●	●	-	-	●	-
20	●	-	-	-	●	-
25	●	-	-	-	●	-
30	●	-	-	-	●	-

WEG PM Motor range

The table below shows the frequency controlled WEG PM motors used in the NBE, NKE pump range.

P2, WEG PM motor [hp]	NBE, NKE & NBE, NKE Series 2000					
	Medium speed, 3600-4000 RPM			Low speed, 1800-2200 RPM		
	200 V	460 V	575 V	200 V	460 V	575 V
1.5	-	-	-	•	-	•
2	-	-	-	•	-	•
3	•	-	•	•	-	•
5	•	-	•	•	-	•
7.5	•	-	•	•	-	•
10	•	-	•	•	-	•
15	•	-	•	•	-	•
20	•	-	•	•	-	•
25	•	-	•	•	-	•
30	•	-	•	•	-	•
40	•	•	•	•	•	•
50	•	•	•	•	•	•
60	•	•	•	•	•	•
75	-	•	•	-	•	•

Electrical data, MLE motors

For electrical data of MLE motors, see the "MLE" data booklet. The data sheet is available in Grundfos Product Center on www.grundfos.com. For further information on Grundfos Product Center, see section Grundfos Product Center.

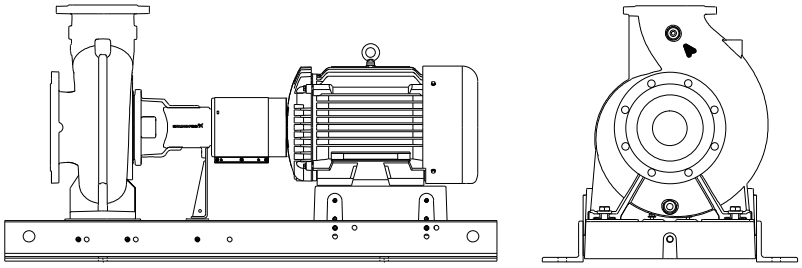
Related information

22. Grundfos Product Center

19. Base frames and support rails

NK/NKE base frame

The base frame code is stated for each pump mentioned in section NK/NKE base frames, dimensional sketches.

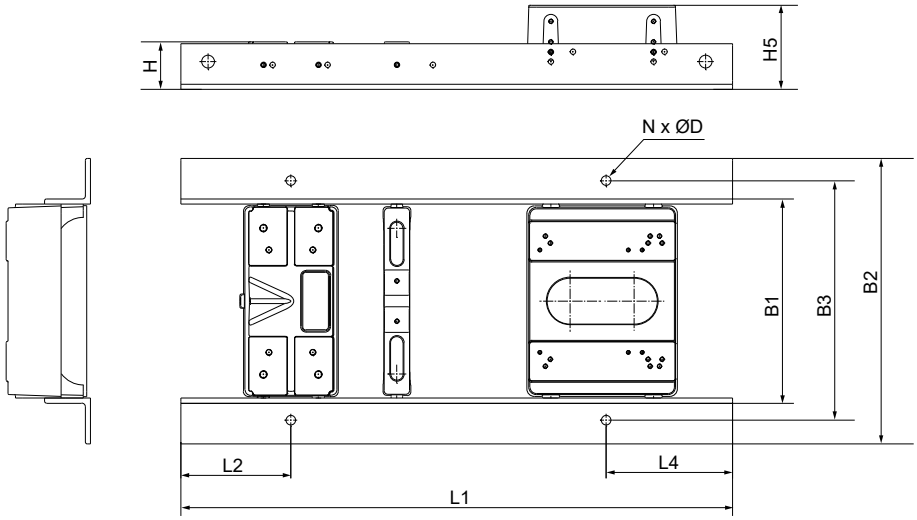


TM086086

NK pump with base frame

NK/NKE base frames, dimensional sketches

Base frame with 4 mounting holes



TM086109

Base frame with 4 mounting holes

For standard coupling

Base frame code	Pump type	Pole	P2 [hp]	Dimensions [inch]										
				L1	L2	L4	B1	B2	B3	H	H5 [42)]		N	D
											NK	NKE 460V/230V		
576	015-070	4	1	32.28	5.71	6.3	11.10	13.78	12.68	2.68	4.43	-/-	4	0.63
		4	1.5											
		4	2											
	012-070	4	1											
		4	1.5											
577	015-070	4	3	37.01	5.71	7.68	11.10	13.78	12.68	2.68	3.43	-/-	4	0.63
579	012-070	2	3	39.37	6.3	9.06	11.26	15.59	13.62	2.68	3.43	-/-	4	0.63
		2	5											
	015-070	2	5											

Base frame code	Pump type	Pole	P2 [hp]	Dimensions [inch]										
				L1	L2	L4	B1	B2	B3	H	H5 [42)]		N	D
											NK	NKE 460V/230V		
580	015-070	2	7.5	39.76	6.3	9.06	11.26	15.59	13.62	2.76	2.76	-/-	4	0.63
		2	10											
	012-070	2	7.5											
		2	10											
581	030-070	4	1.5	34.45	7.09	7.09	13.03	16.81	15.24	3.35	6.1	-/-	4	0.63
		4	2											
	025-070	4	1											
		4	1.5											
		4	2											
582	030-070	4	3	39.37	7.09	8.66	13.03	16.81	15.24	3.35	5.1	-/-	4	0.63
		4	5											
	025-070	4	3											
		4	5											
583	025-070	2	7.5	42.13	7.68	9.65	13.19	18.70	16.26	3.35	4.35	-/-	4	1.02
		2	10											
584	012-070	2	15	43.9	6.89	9.45	13.03	17.36	15.39	3.74	2.74	-/-	4	0.63
585	015-070	2	15	45.28	6.89	9.65	13.03	17.36	15.39	3.74	2.74	-/-	4	0.63
		2	20											
586	030-070	2	15	46.85	7.68	10.43	13.19	18.70	16.26	3.43	3.43	-/-	4	1.02
		2	20											
	025-070	2	15											
		2	20											
587	030-070	2	25	47.64	7.48	11.42	14.96	20.47	18.03	4.17	3.42	3.42/-	4	1.02
		2	30											
	025-070	2	25											
		2	30											
588	020-095	4	2	34.06	5.91	6.1	14.65	17.32	16.22	2.68	6.18	-/-	4	0.63
	015-095	4	2											
	015-090	4	1.5											
		4	2											
589	020-095	4	3	38.39	5.91	8.07	14.65	17.32	16.22	2.68	5.18	-/-	4	0.63
		4	5											
	015-095	4	3											
		4	5											
	015-090	4	3											
		4	5											
	020-110	4	5											
590	020-095	4	7.5	38.78	5.91	7.87	14.65	17.32	16.22	2.68	4.43	-/-	4	0.63
	015-095	4	7.5											
	020-110	4	7.5											
		4	10											
594	020-110	4	15	46.06	5.91	10.24	14.65	17.32	16.22	2.68	3.43	-/-	4	0.63
595	040-070	6	0.75	34.25	6.3	6.1	15.43	18.11	17.01	2.68	6.18	-/-	4	0.63
		4	2											
		6	1											
596	040-070	4	3	39.17	6.3	8.11	15.43	18.11	17.01	2.68	5.18	-/-	4	0.63
		6	1.5											
		4	5											
		6	2											
		4	7.5											
597	040-070	2	20	49.8	7.48	11.42	15.59	18.90	17.56	3.19	3.94	-/-	4	0.63

Base frame code	Pump type	Pole	P2 [hp]	Dimensions [inch]										
				L1	L2	L4	B1	B2	B3	H	H5 [42)]		N	D
											NK	NKE 460V/230V		
599	020-135	4	7.5	43.7	6.5	8.07	15.59	18.90	17.56	2.95	6.7	-/-	4	0.63
		4	10											
600	020-135	4	15	50.79	6.5	10.43	15.59	18.90	17.56	2.95	5.7	-/-	4	0.63
		4	20											
601	020-135	4	25	50.79	6.5	10.43	15.59	18.90	17.56	2.95	4.95	-/-	4	0.63
602	050-070	6	0.75	37.6	8.07	7.68	16.54	22.05	19.06	4.13	8.63	-/-	4	0.63
		6	1											
603	050-070	4	3	42.52	8.07	9.65	16.54	22.05	19.06	4.13	7.63	-/-	4	0.63
		6	1.5											
		4	5											
		6	2											
		4	7.5	42.52	8.07	9.65	16.54	22.05	19.06	4.13	6.88	-/-	4	0.63
		6	3											
		4	10											
609	025-110	6	2	46.46	8.07	9.45	16.54	22.05	19.06	4.13	7.63	-/-	4	0.63
		4	7.5	46.46	8.07	9.45	16.54	22.05	19.06	4.13	6.88	-/-	4	0.63
		6	3											
		4	10											
		6	5											
610	025-110	4	15	53.54	8.07	11.69	16.54	22.05	19.06	4.13	5.88	-/-	4	0.63
611	025-095	6	1	34.84	6.69	6.1	17.80	20.47	19.37	2.68	7.18	-/-	4	0.63
612	025-095	4	3	40.35	6.89	8.46	17.95	21.26	19.92	2.95	6.45	-/-	4	0.63
		6	1.5											
		4	5											
		6	2											
613	025-095	4	7.5	40.94	6.89	8.66	17.95	21.26	19.92	2.95	5.7	-/-	4	0.63
		6	3											
		4	10											
614	030-095	6	1.5	40.35	6.89	8.46	17.95	21.26	19.92	2.95	6.45	-/-	4	0.63
		4	5											
		6	2											
615	030-095	4	7.5	40.94	6.89	8.66	17.95	21.26	19.92	2.95	5.7	-/-	4	0.63
		6	3											
		4	10											
		6	5											
616	030-095	4	15	49.21	7.48	11.02	17.95	21.73	20.16	3.74	5.49	-/-	4	0.63
617	040-095	6	2	40.35	6.89	8.46	17.95	21.26	19.92	2.95	7.45	-/-	4	0.63
618	040-095	4	7.5	40.35	6.89	8.46	17.95	21.26	19.92	2.95	6.7	-/-	4	0.63
		6	3											
619	040-095	4	10	40.94	6.89	8.66	17.95	21.26	19.92	2.95	6.7	-/-	4	0.63
		6	5											
620	040-095	4	15	48.03	6.89	10.43	17.95	21.26	19.92	2.95	5.7	-/-	4	0.63
		6	7.5											
		4	20											
621	050-095	6	3	41.54	6.69	7.68	17.80	20.47	19.37	2.68	7.43	-/-	4	0.63
		4	10											
		6	5											

Base frame code	Pump type	Pole	P2 [hp]	Dimensions [inch]										
				L1	L2	L4	B1	B2	B3	H	H5 [42)]		N	D
											NK	NKE 460V/230V		
622	050-095	4	15	48.82	6.69	10.43	17.80	20.47	19.37	2.68	6.43	-/-	4	0.63
		6	7.5											
		4	20											
		6	10											
		4	25	48.82	6.69	10.43	17.80	20.47	19.37	2.68	5.68	-/-	4	0.63
		4	30											
629	030-110	6	3	44.09	6.89	8.07	17.95	21.26	19.92	2.95	5.7	-/-	4	0.63
		4	10											
		6	5											
630	030-110	4	15	52.36	7.48	11.02	17.95	21.73	20.16	3.74	5.49	-/-	4	0.63
		6	7.5											
		4	20											
631	040-110	6	3	44.09	6.89	8.07	17.95	21.26	19.92	2.95	6.7	-/-	4	0.63
		6	5											
632	040-110	4	15	51.38	6.89	10.63	17.95	21.26	19.92	2.95	5.7	-/-	4	0.63
		6	7.5											
		4	20											
		6	10											
633	040-110	4	25	53.54	8.07	11.69	18.11	23.62	20.63	4.13	6.13	4.6/-	4	0.63
		4	30											
634	050-110	6	5	44.09	6.89	8.07	17.95	21.26	19.92	2.95	7.7	-/-	4	0.63
	040-135	6	5											
		6	5											
635	050-110	6	7.5	51.97	7.28	10.83	17.95	22.28	20.31	2.68	6.43	-/-	4	0.63
		4	20											
		6	10											
		4	25	51.97	7.28	10.83	17.95	22.28	20.31	2.68	5.68	-/-	4	0.63
		6	15											
		4	30											
	040-135	6	7.5	51.97	7.28	10.83	17.95	22.28	20.31	2.68	6.43	-/-	4	0.63
		4	20											
		6	10											
		4	25	51.97	7.28	10.83	17.95	22.28	20.31	2.68	5.68	-/-	4	0.63
		6	15											
		4	30											
	030-135	4	15	51.97	7.28	10.83	17.95	22.28	20.31	2.68	6.43	-/-	4	0.63
		6	7.5											
		4	20											
		6	10											
		4	25	51.97	7.28	10.83	17.95	22.28	20.31	2.68	5.68	-/-	4	0.63
		6	15											
		4	30											
636	050-110	4	40	54.13	7.28	10.63	17.95	22.28	20.31	2.68	4.68	-/-	4	0.63
	040-135	4	40											
		4	50											
	030-135	4	40											
638	060-095	6	5	53.15	10.83	12.4	21.97	31.89	25.75	5.12	10.87	-/-	4	1.02
639	060-095	4	15	53.15	10.83	12.4	21.97	31.89	25.75	5.12	9.87	-/-	4	1.02
		6	7.5											
		4	20											
		6	10											

Base frame code	Pump type	Pole	P2 [hp]	Dimensions [inch]									
				L1	L2	L4	B1	B2	B3	H	H5 [42)]		N	D
											NK	NKE 460V/230V		
640	060-095	4	25	59.25	11.81	13.58	21.97	31.89	25.75	5.12	9.12	9.12/-	4	1.02
		-/-	6									15		
		9.12/-	4									30		
641	060-095	4	40	59.25	11.81	13.58	21.97	31.89	25.75	5.12	8.12	-/-	4	1.02
646	060-110	6	7.5	59.25	11.81	13.58	21.97	31.89	25.75	5.12	9.87	-/-	4	1.02
		-/-	6									10		
	050-135	6	10	59.25	11.81	13.58	21.97	31.89	25.75	5.12	9.87	-/-	4	1.02
647	060-110	6	15	62.2	10.83	13.78	21.97	31.89	25.75	5.12	9.12	-/-	4	1.02
		9.12/-	4									25		
			4									30		
		-/-	6									20		
	050-135		4									25		
			6									15		
			4									30		
			6									20		
	040-150		6									15		
			6									20		
648	060-110	4	40	62.2	10.83	13.78	21.97	31.89	25.75	5.12	8.12	-/-	4	1.02
		4	50											
	050-135	4	40											
		4	50											
	040-150	6	25											
		4	50											
		6	30											
651	050-150	6	25	62.2	10.83	13.78	21.97	31.89	25.75	5.12	9.62	-/-	4	1.02
		6	30											
654	060-135	6	10	60.24	9.06	13.35	23.86	27.17	25.83	3.15	7.9	-/-	4	0.63
655	060-135	6	15	60.24	9.06	13.35	23.86	27.17	25.83	3.15	7.15	-/-	4	0.63
		6	20											
656	060-135	4	40	60.24	9.06	13.35	23.86	27.17	25.83	3.15	6.15	-/-	4	0.63
		6	25											
		4	50											
		6	30											
666	080-135	6	15	59.06	9.25	12.44	26.97	32.48	30.12	4.53	11.28	-/-	4	1.02
		6	20											
667	080-135	6	25	59.84	9.25	12.4	26.97	32.48	30.12	4.53	10.28	-/-	4	1.02
		6	30											
795	012-070	4	1.5	37.80	5.71	7.72	11.10	13.78	12.68	2.68	-/-	3.43/-	4	0.63
		4	2											
	015-070	4	1.5											
		4	2											
		4	3											
		4	5											
796	012-070	2	3	40.16	6.30	9.09	11.26	15.59	13.62	2.68	-/-	3.43/3.43	4	0.63
		2	5											
	015-070	2	5											
797	012-070	2	7.5	40.55	6.30	9.09	11.26	15.59	13.62	2.76	-/-	2.75/2.75	4	0.63
		2	10								-/-	2.75/-		
	015-070	2	7.5								-/-	2.75/2.75		
		2	10								-/-	2.75/-		

Base frame code	Pump type	Pole	P2 [hp]	Dimensions [inch]										
				L1	L2	L4	B1	B2	B3	H	H5 [42]		N	D
											NK	NKE 460V/230V		
798	025-070	4	1.5	40.16	7.09	8.70	13.03	16.81	15.24	3.35	-/-	5.1/-	4	0.63
		4	2											
		4	3											
		4	5											
	030-070	4	1.5											
		4	2											
		4	3											
		4	5											
799	012-070	2	10	44.29	6.89	9.53	13.03	17.36	15.39	3.74	-/-	-/2.74	4	0.63
		2	15								-/-	2.74/2.74		
800	015-070	2	10	45.67	6.89	9.53	13.03	17.36	15.39	3.74	-/-	-/2.74	4	0.63
		2	15								-/-	2.74/2.74		
		2	20								-/-	2.74/-		
801	025-070	2	7.5	42.72	7.68	9.49	13.19	18.70	16.26	3.35	-/-	4.34/4.34	4	1.02
		2	10								-/-	4.34/-		
	030-070	2	7.5								-/-	4.34/4.34		
		2	10								-/-	4.34/-		
802	025-070	2	10	47.24	7.68	10.31	13.19	18.70	16.26	3.43	-/-	-/3.43	4	1.02
		2	15								-/-	3.42/3.43		
		2	20								-/-	3.43/-		
	030-070	2	10								-/-	-/3.43		
		2	15								-/-	3.42/3.43		
		2	20								-/-	3.43/-		
803	015-090	4	1.5	39.17	5.91	8.11	14.65	17.32	16.22	2.68	-/-	5.18/-	4	0.63
		4	2											
		4	3											
		4	5											
	015-095	4	2											
		4	3											
		4	5											
	020-095	4	2											
		4	3											
		4	5											
	020-110	4	5											
804	015-090	4	7.5	39.57	5.91	7.91	14.65	17.32	16.22	2.68	-/-	4.43/-	4	0.63
		4	10											
	015-095	4	7.5											
		4	10											
	020-095	4	7.5											
		4	10											
	020-110	4	7.5											
		4	10											
805	040-070	4	1.5	39.96	6.30	8.11	15.43	18.11	17.01	2.68	-/-	5.18/-	4	0.63
		4	2											
		4	3											
		4	5											
		4	7.5								-/-	4.43/-		
		4	10											
806	050-070	4	3	43.11	8.07	9.49	16.54	22.05	19.06	4.13	-/-	7.63/-	4	0.63
		4	5											
		4	7.5								-/-	6.88/-		
		4	10											

Base frame code	Pump type	Pole	P2 [hp]	Dimensions [inch]										
				L1	L2	L4	B1	B2	B3	H	H5 [42)]		N	D
											NK	NKE 460V/230V		
807	030-095	4	5	41.14	6.89	8.50	17.95	21.26	19.92	2.95	-/-	6.45/-	4	0.63
808	030-095	4	7.5	41.54	6.89	8.50	17.95	21.26	19.92	2.95	-/-	5.7/-	4	0.63
		4	10											
809	050-095	4	10	42.32	6.69	7.72	17.80	20.47	19.37	2.68	-/-	7.43/-	4	0.63
810	025-095	4	3	41.14	6.89	8.50	17.95	21.26	19.92	2.95	-/-	6.45/-	4	0.63
		4	5											
811	025-095	4	7.5	41.54	6.89	8.50	17.95	21.26	19.92	2.95	-/-	5.7/-	4	0.63
		4	10											
829	040-095	4	7.5	40.35	6.89	8.46	17.95	21.26	19.92	2.95	-/-	6.7/-	4	0.63
		4	10											
830	025-110	4	7.5	46.46	8.07	9.45	16.54	22.05	19.06	4.13	-/-	6.88/-	4	0.63
		4	10											
831	030-110	4	10	44.09	6.89	8.07	17.95	21.26	19.92	2.95	-/-	5.7/-	4	0.63
832	020-135	4	7.5	43.70	6.50	8.07	15.59	18.90	17.56	2.95	-/-	6.7/-	4	0.63
		4	10											
833	040-070	2	10	49.80	7.48	11.42	15.59	18.90	17.56	3.19	-/-	-/3.94	4	0.63
		2	15								-/-	3.94/3.94		
		2	20								-/-	3.94/-		
835	030-095	4	15	49.21	7.48	11.02	17.95	21.73	20.16	3.74	-/-	5.49/-	4	0.63
		4	20											
836	040-095	4	15	48.03	6.89	10.43	17.95	21.26	19.92	2.95	-/-	5.7/-	4	0.63
		4	20											
837	050-095	4	15	48.82	6.69	10.43	17.80	20.47	19.37	2.68	-/-	6.43/-	4	0.63
		4	20											
		4	25								-/-	5.68/-		
		4	30											
838	060-095	4	15	53.15	10.83	12.40	21.97	30.71	25.59	5.12	-/-	9.87/-	4	1.02
		4	20											
840	020-110	4	15	46.06	5.91	10.24	14.65	17.32	16.22	2.68	-/-	3.43/-	4	0.63
		4	20											
841	025-110	4	15	53.54	8.07	11.69	16.54	22.05	19.06	4.13	-/-	5.89/-	4	0.63
		4	20											
842	030-110	4	15	52.95	7.48	11.61	17.95	21.73	20.16	3.74	-/-	5.49/-	4	0.63
		4	20											
843	040-110	4	15	51.38	6.89	10.63	17.95	21.26	19.92	2.95	-/-	5.7/-	4	0.63
		4	20											
844	050-110	4	15	51.97	7.28	10.83	17.95	22.28	20.31	2.68	-/-	6.43/-	4	0.63
		4	20											
		4	25								-/-	5.68/-		
		4	30											
	030-135	4	15								-/-	6.43/-		
		4	20											
		4	25								-/-	5.68/-		
		4	30											
	040-135	4	15								-/-	6.43/-		
		4	20											
		4	25								-/-	5.68/-		
		4	30											
845	020-135	4	15	51.38	6.50	11.02	15.59	18.90	17.56	2.95	-/-	5.7/-	4	0.63
		4	20											
846	025-070	2	5	42.13	7.68	9.65	13.19	18.70	16.26	3.35	-/-	5.1/5.1	4	1.02

42) Including the height of the riser.

For spacer coupling

Base frame code	Pump type	Pole	P2 [hp]	Dimensions [inch]										
				L1	L2	L4	B1	B2	B3	H	H5 [42)]		N	D
											NK	NKE 460V/230V		
681	012-070	4	1	36.81	5.71	6.14	11.10	13.78	12.68	2.68	4.43	-/-	4	0.63
		4	1.5											
	015-070	4	1											
		4	1.5											
		4	2											
682	015-070	4	3	40.94	5.71	7.68	11.10	13.78	12.68	2.68	3.43	-/-	4	0.63
684	012-070	2	3	43.31	6.3	9.06	11.26	15.59	13.62	2.68	3.43	-/-	4	0.63
		2	5											
685	012-070	2	7.5	43.11	6.3	9.17	11.26	15.59	13.62	2.76	2.76	-/-	4	0.63
		2	10											
	015-070	2	7.5											
		2	10											
686	015-070	2	5	43.31	6.3	9.06	11.26	15.59	13.62	2.68	3.43	-/-	4	0.63
687	025-070	4	1	39.17	7.09	7.13	13.03	16.81	15.24	3.35	6.1	-/-	4	0.63
	025-070	4	1.5											
		4	2											
688	025-070	4	3	43.31	7.09	8.66	13.03	16.81	15.24	3.35	5.1	-/-	4	0.63
		4	5											
	030-070	4	3											
		4	5											
689	025-070	2	7.5	46.06	7.68	9.72	13.19	18.70	16.26	3.35	4.35	-/-	4	1.02
		2	10											
690	012-070	2	15	47.44	6.89	9.41	13.03	17.36	15.39	3.74	2.74	-/-	4	0.63
691	015-070	2	15	48.03	6.89	9.57	13.03	17.36	15.39	3.74	2.74	-/-	4	0.63
		2	20											
692	025-070	2	15	50	7.68	10.43	13.19	18.70	16.26	3.43	3.43	-/-	4	1.02
		2	20											
	030-070	2	15											
		2	20											
693	030-070	4	1.5	39.17	7.09	7.13	13.03	16.81	15.24	3.35	6.1	-/-	4	0.63
		4	2											
694	025-070	2	25	51.38	7.48	12.01	14.96	20.47	18.03	4.17	3.42	3.42/-	4	1.02
		2	30											
	030-070	2	25											
		2	30											
695	015-090	4	1.5	38.19	5.91	6.22	14.65	17.32	16.22	2.68	6.18	-/-	4	0.63
		4	2											
	015-095	4	2											
	020-095	4	2											
696	015-090	4	3	42.32	5.91	8.07	14.65	17.32	16.22	2.68	5.18	-/-	4	0.63
		4	5											
	015-095	4	3											
		4	5											
	020-095	4	3											
		4	5											
	020-110	4	5											
697	015-095	4	7.5	41.93	5.91	7.8	14.65	17.32	16.22	2.68	4.43	-/-	4	0.63
	020-095	4	7.5											
	020-110	4	7.5											
		4	10											
701	020-110	4	15	48.82	5.91	10.16	14.65	17.32	16.22	2.68	3.43	-/-	4	0.63

Base frame code	Pump type	Pole	P2 [hp]	Dimensions [inch]										
				L1	L2	L4	B1	B2	B3	H	H5 [42)]		N	D
											NK	NKE 460V/230V		
704	040-070	6	0.75	39.57	6.3	6.14	15.43	18.11	17.01	2.68	6.18	-/-	4	0.63
		4	2											
		6	1											
705	040-070	4	3	43.7	6.3	7.95	15.43	18.11	17.01	2.68	5.18	-/-	4	0.63
		6	1.5											
		4	5											
		6	2											
		4	7.5	43.7	6.3	7.95	15.43	18.11	17.01	2.68	4.43	-/-	4	0.63
706	040-070	2	20	54.13	7.48	11.42	15.59	18.90	17.56	3.19	3.94	-/-	4	0.63
708	020-135	4	7.5	48.43	6.5	7.99	15.59	18.90	17.56	2.95	6.7	-/-	4	0.63
		4	10											
709	020-135	4	15	55.31	6.5	10.43	15.59	18.90	17.56	2.95	5.7	-/-	4	0.63
		4	20											
710	020-135	4	25	55.31	6.5	10.43	15.59	18.90	17.56	2.95	4.95	-/-	4	0.63
711	050-070	6	0.75	42.91	8.07	7.72	16.54	22.05	19.06	4.13	8.63	-/-	4	0.63
		6	1											
712	050-070	4	3	47.05	8.07	9.53	16.54	22.05	19.06	4.13	7.63	-/-	4	0.63
		6	1.5											
		4	5											
		6	2											
		4	7.5	47.05	8.07	9.53	16.54	22.05	19.06	4.13	6.88	-/-	4	0.63
		6	3											
		4	10											
717	025-110	6	2	51.57	8.07	9.53	16.54	22.05	19.06	4.13	7.63	-/-	4	0.63
		4	7.5	51.57	8.07	9.53	16.54	22.05	19.06	4.13	6.88	-/-	4	0.63
		6	3											
		4	10											
		6	5											
718	025-110	4	15	59.25	8.07	12.24	16.54	22.05	19.06	4.13	5.88	-/-	4	0.63
720	025-095	6	1	38.98	6.69	6.22	17.80	20.47	19.37	2.68	7.18	-/-	4	0.63
721	025-095	4	3	45.67	6.89	9.21	17.95	21.26	19.92	2.95	6.45	-/-	4	0.63
		6	1.5											
		4	5											
		6	2											
722	025-095	4	7.5	43.31	6.89	8.19	17.95	21.26	19.92	2.95	5.7	-/-	4	0.63
		6	3											
		4	10											
723	030-095	6	1.5	45.67	6.89	9.21	17.95	21.26	19.92	2.95	6.45	-/-	4	0.63
		4	5											
		6	2											
724	030-095	4	7.5	45.67	6.89	8.19	17.95	21.26	19.92	2.95	5.7	-/-	4	0.63
		6	3											
		4	10											
		6	5											
725	030-095	4	15	53.54	7.48	11.02	17.95	21.73	20.16	3.74	5.49	-/-	4	0.63
726	040-095	6	2	45.67	6.89	9.21	17.95	21.26	19.92	2.95	7.45	-/-	4	0.63
727	040-095	4	7.5	45.67	6.89	9.21	17.95	21.26	19.92	2.95	6.7	-/-	4	0.63
		6	3											
728	040-095	4	10	45.67	6.89	8.19	17.95	21.26	19.92	2.95	6.7	-/-	4	0.63
		6	5											

Base frame code	Pump type	Pole	P2 [hp]	Dimensions [inch]										
				L1	L2	L4	B1	B2	B3	H	H5 [42)]		N	D
											NK	NKE 460V/230V		
729	040-095	4	15	52.36	6.89	10.43	17.95	21.26	19.92	2.95	5.7	-/-	4	0.63
		6	7.5											
		4	20											
730	050-095	6	3	46.46	6.69	7.8	17.80	20.47	19.37	2.68	7.43	-/-	4	0.63
	050-095	4	10											
	050-095	6	5											
731	050-095	4	15	54.33	6.69	10.47	17.80	20.47	19.37	2.68	6.43	-/-	4	0.63
		6	7.5											
		4	20											
		6	10											
		4	25	54.33	6.69	10.47	17.80	20.47	19.37	2.68	5.68	-/-	4	0.63
		4	30											
738	030-110	6	3	48.82	6.89	7.99	17.95	21.26	19.92	2.95	5.7	-/-	4	0.63
		4	10											
		6	5											
739	030-110	4	15	56.69	7.48	11.02	17.95	21.73	20.16	3.74	5.49	-/-	4	0.63
		6	7.5											
		4	20											
740	040-110	6	3	48.82	6.89	7.99	17.95	21.26	19.92	2.95	6.7	-/-	4	0.63
		6	5											
741	040-110	4	15	56.1	6.89	10.63	17.95	21.26	19.92	2.95	5.7	-/-	4	0.63
		6	7.5											
		4	20											
		6	10											
742	040-110	4	25	59.25	8.07	12.24	18.11	23.62	20.63	4.13	6.13	4.6/-	4	0.63
		4	30											
743	050-110	6	5	50.39	6.89	8.15	17.95	21.26	19.92	2.95	7.7	-/-	4	0.63
744	050-110	6	7.5	57.48	7.28	11.42	17.95	22.28	20.31	2.68	6.43	-/-	4	0.63
		4	20											
		6	10											
	030-135	4	15											
		6	7.5											
		4	20											
		6	10											
745	050-110	4	40	59.25	7.28	10.71	17.95	22.28	20.31	2.68	4.68	-/-	4	0.63
	030-135	4	40											
	040-135	4	40											
		4	50											
746	040-135	6	7.5	56.69	7.28	10.83	17.95	22.28	20.31	2.68	6.43	-/-	4	0.63
		4	20											
		6	10											
747	030-135	6	5	48.82	6.89	7.99	17.95	21.26	19.92	2.95	7.7	-/-	4	0.63
	040-135	6	5											
748	050-110	4	25	57.28	7.28	10.71	17.95	22.28	20.31	2.68	5.68	5.68/-	4	0.63
			6									15		
		5.68/-	4									30		
	5.68/-		4									25		
		030-135	6									15		
	5.68/-		4									30		
	5.68/-		4									25		
		040-135	6									15		
	5.68/-		4									30		

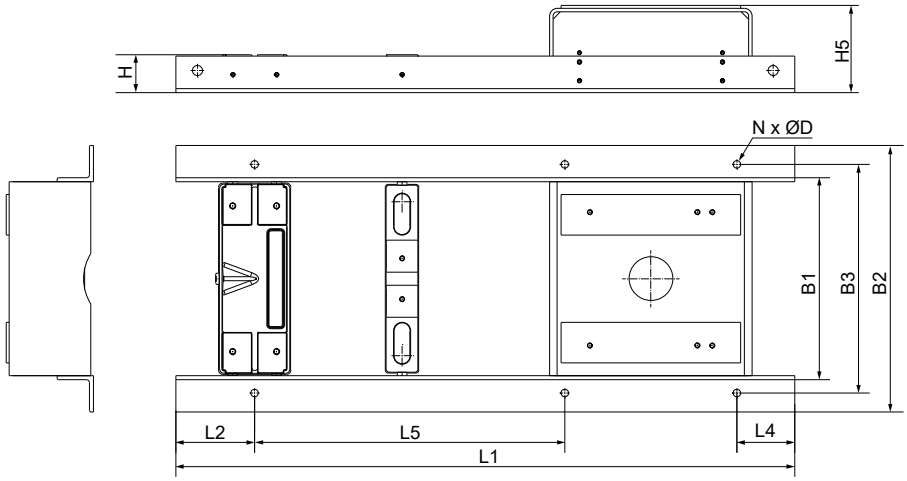
Base frame code	Pump type	Pole	P2 [hp]	Dimensions [inch]										
				L1	L2	L4	B1	B2	B3	H	H5 [42)]		N	D
											NK	NKE 460V/230V		
750	060-095	6	5	59.45	10.83	12.8	21.97	31.89	25.75	5.12	10.87	-/-	4	1.02
751	060-095	4	15	59.45	10.83	12.8	21.97	31.89	25.75	5.12	9.87	-/-	4	1.02
		6	7.5											
		4	20											
		6	10											
752	060-095	4	25	63.98	10.83	13.7	21.97	31.89	25.75	5.12	9.12	9.12/-	4	1.02
			6									15		
		9.12/-	4									30		
753	060-095	4	40	63.98	10.83	13.7	21.97	31.89	25.75	5.12	8.12	-/-	4	1.02
758	060-110	6	7.5	64.17	11.81	12.32	21.97	31.89	25.75	5.12	9.87	-/-	4	1.02
		6	10											
	050-135	6	10											
759	060-110	6	15	67.72	10.83	13.5	21.97	31.89	25.75	5.12	9.12	-/-	4	1.02
		9.12/-	4									25		
			4									30		
		-/-	6									20		
	050-135		4									25		
			6									15		
			4									30		
			6									20		
	040-150		6									15		
			6									20		
760	060-110	4	40	67.91	10.83	13.7	21.97	31.89	25.75	5.12	8.12	-/-	4	1.02
		4	50											
763	050-150	6	25	67.72	10.83	13.5	21.97	31.89	25.75	5.12	9.62	-/-	4	1.02
		6	30											
764	050-135	4	40	67.52	10.83	13.78	21.97	31.89	25.75	5.12	8.12	-/-	4	1.02
		4	50											
	040-150	6	25											
		4	50											
		6	30											
768	060-135	6	10	66.14	9.06	13.11	23.86	27.17	25.83	3.15	7.9	-/-	4	0.63
769	060-135	6	15	66.14	9.06	13.11	23.86	27.17	25.83	3.15	7.15	-/-	4	0.63
		6	20											
770	060-135	4	40	66.14	9.06	13.11	23.86	27.17	25.83	3.15	6.15	-/-	4	0.63
		6	25											
		4	50											
		6	30											
780	080-135	6	15	65.35	9.25	12.36	26.97	32.48	30.12	4.53	11.28	-/-	4	1.02
		6	20											
781	080-135	6	25	65.16	9.25	12.4	26.97	32.48	30.12	4.53	10.28	-/-	4	1.02
		6	30											
812	012-070	4	1.5	41.73	5.71	7.72	11.10	13.78	12.68	2.68	-/-	3.43/-	4	0.63
		4	2											
	015-070	4	1.5											
		4	2											
	015-070	4	3											
		4	5											
813	012-070	2	3	44.09	6.30	9.09	11.26	15.59	13.62	2.68	-/-	3.43/3.43	4	0.63
		2	5											
	015-070	2	5											

Base frame code	Pump type	Pole	P2 [hp]	Dimensions [inch]									
				L1	L2	L4	B1	B2	B3	H	H5 [42)]		N	D
											NK	NKE 460V/230V		
814	012-070	2	7.5	43.70	6.30	9.02	11.26	15.59	13.62	2.76	-/-	2.75/2.75	4	0.63
		2	10								-/-	2.75/-		
	015-070	2	7.5								-/-	2.75/2.75		
		2	10								-/-	2.75/-		
815	025-070	4	1.5	44.09	7.09	8.70	13.03	16.81	15.24	3.35	-/-	5.1/-	4	0.63
		4	2											
		4	3											
		4	5											
	030-070	4	1.5											
		4	2											
		4	3											
		4	5											
816	012-070	2	10	47.83	6.89	9.49	13.03	17.36	15.39	3.74	-/-	-/2.74	4	0.63
		2	15								-/-	2.74/2.74		
817	015-070	2	10	48.43	6.89	9.45	13.03	17.36	15.39	3.74	-/-	-/2.74	4	0.63
		2	15								-/-	2.74/2.74		
		2	20								-/-	2.74/-		
818	025-070	2	7.5	46.85	7.68	9.33	13.19	18.70	16.26	3.35	-/-	4.34/4.34	4	1.02
		2	10								-/-	4.34/-		
	030-070	2	7.5								-/-	4.34/4.34		
		2	10								-/-	4.34/-		
819	025-070	2	10	50.39	7.68	10.31	13.19	18.70	16.26	3.43	-/-	-/3.43	4	1.02
		2	15								-/-	3.42/3.43		
		2	20								-/-	3.43/-		
	030-070	2	10								-/-	-/3.43		
		2	15								-/-	3.42/3.43		
		2	20								-/-	3.43/-		
820	015-090	4	1.5	43.11	5.91	8.11	14.65	17.32	16.22	2.68	-/-	5.18/-	4	0.63
		4	2											
		4	3											
		4	5											
	015-095	4	2											
		4	3											
		4	5											
	020-095	4	2											
		4	3											
		4	5											
	020-110	4	5											
821	015-090	4	7.5	42.72	5.91	7.83	14.65	17.32	16.22	2.68	-/-	4.43/-	4	0.63
		4	10											
	015-095	4	7.5											
		4	10											
	020-095	4	7.5											
		4	10											
	020-110	4	7.5											
		4	10											
822	040-070	4	1.5	44.49	6.30	7.99	15.43	18.11	17.01	2.68	-/-	5.18/-	4	0.63
		4	2											
		4	3											
		4	5											
		4	7.5								-/-	4.43/-		
		4	10											

Base frame code	Pump type	Pole	P2 [hp]	Dimensions [inch]									
				L1	L2	L4	B1	B2	B3	H	H5 [42)]		N	D
											NK	NKE 460V/230V		
823	050-070	4	3	47.83	8.07	9.57	16.54	22.05	19.06	4.13	-/-	7.63/-	4	0.63
		4	5											
		4	7.5								-/-	6.88/-		
		4	10											
824	030-095	4	5	46.46	6.89	9.25	17.95	21.26	19.92	2.95	-/-	6.45/-	4	0.63
825	030-095	4	7.5	46.46	6.89	8.23	17.95	21.26	19.92	2.95	-/-	5.7/-	4	0.63
		4	10											
826	050-095	4	10	47.24	6.69	7.83	17.80	20.47	19.37	2.68	-/-	7.43/-	4	0.63
827	025-095	4	3	46.46	6.89	9.25	17.95	21.26	19.92	2.95	-/-	6.45/-	4	0.63
		4	5											
828	025-095	4	7.5	44.09	6.89	8.23	17.95	21.26	19.92	2.95	-/-	5.7/-	4	0.63
		4	10											
847	025-070	2	5	46.06	7.68	9.72	13.19	18.70	16.26	3.35	-/-	5.1/5.1	4	1.02
848	040-095	4	7.5	45.67	6.89	9.21	17.95	21.26	19.92	2.95	-/-	6.7/-	4	0.63
		4	10											
849	025-110	4	7.5	51.57	8.07	9.53	16.54	22.05	19.06	4.13	-/-	6.88/-	4	0.63
		4	10											
850	030-110	4	10	48.82	6.89	7.99	17.95	21.26	19.92	2.95	-/-	5.7/-	4	0.63
851	020-135	4	7.5	48.43	6.50	7.99	15.59	18.90	17.56	2.95	-/-	6.7/-	4	0.63
		4	10											
852	040-070	2	10	54.13	7.48	11.42	15.59	18.90	17.56	3.19	-/-	-/3.94	4	0.63
		2	15								-/-	3.94/3.94		
		2	20								-/-	3.94/-		
854	030-095	4	15	53.54	7.48	11.02	17.95	21.73	20.16	3.74	-/-	5.49/-	4	0.63
		4	20											
855	040-095	4	15	52.36	6.89	10.43	17.95	21.26	19.92	2.95	-/-	5.7/-	4	0.63
		4	20											
856	050-095	4	15	54.33	6.69	10.47	17.80	20.47	19.37	2.68	-/-	6.43/-	4	0.63
		4	20											
		4	25								-/-	5.68/-		
		4	30											
857	060-095	4	15	59.45	10.83	12.80	21.97	30.71	25.59	5.12	-/-	9.87/-	4	1.02
		4	20											
859	020-110	4	15	48.82	5.91	10.16	14.65	17.32	16.22	2.68	-/-	3.43/-	4	0.63
		4	20											
860	025-110	4	15	59.25	8.07	12.24	16.54	22.05	19.06	4.13	-/-	5.89/-	4	0.63
		4	20											
861	030-110	4	15	57.28	7.48	11.61	17.95	21.73	20.16	3.74	-/-	5.49/-	4	0.63
		4	20											
862	040-110	4	15	56.10	6.89	10.63	17.95	21.26	19.92	2.95	-/-	5.7/-	4	0.63
		4	20											
863	050-110	4	15	57.48	7.28	11.42	17.95	22.28	20.31	2.68	-/-	6.43/-	4	0.63
		4	20											
	030-135	4	15											
		4	20											
864	040-135	4	15	56.69	7.28	10.83	17.95	22.28	20.31	2.68	-/-	6.43/-	4	0.63
		4	20											
865	020-135	4	15	55.91	6.50	11.02	15.59	18.90	17.56	2.95	-/-	5.7/-	4	0.63
		4	20											
867	020-135	4	25	55.31	6.50	8.07	15.59	18.90	17.56	2.95	-/-	4.95/-	4	0.63
		4	30											

42) Including the height of the riser.

Base frame with 6 mounting holes



Base frame with 6 mounting holes

For standard coupling

Base frame code	Pump type	Pole	P2 [hp]	Dimensions [inch]										
				L1	L2	L4	L5	B1	B2	B3	H	H5 [43)]		N	D
												NK	NKE 460V/230V		
592	015-090	2	15	48.23	6.5	3.31	23.62	14.80	19.13	17.17	2.68	3.43	-/-	6	0.63
		2	20												
	015-095	2	15	48.23	6.5	3.31	23.62	14.80	19.13	17.17	2.68	3.43	-/-	6	0.63
		2	20												
	020-095	2	15	48.23	6.5	3.31	23.62	14.80	19.13	17.17	2.68	3.43	-/-	6	0.63
		2	20												
593	015-090	2	25	48.23	7.28	3.9	22.09	14.80	18.11	16.77	3.23	3.23	3.23/-	6	0.63
		2	30												
	015-095	2	25												
		2	30												
	020-095	2	25												
		2	30												
598	040-070	2	25	47.64	7.09	3.5	22.09	15.59	19.37	17.80	3.82	3.82	3.82/-	6	0.63
		2	30												
604	030-070	2	40	52.56	8.86	4.92	22.83	16.69	23.62	20.24	5.98	4.23	-/-	6	1.02
605	040-070	2	40	52.56	8.86	4.92	22.83	16.69	23.62	20.24	5.2	4.2	-/-	6	1.02
		2	50												
606	050-070	2	25	49.61	8.07	4.09	21.1	16.54	22.05	19.06	4.13	5.13	-/-	6	0.63
		2	30												
607	050-070	2	40	52.56	8.86	4.92	22.83	16.69	23.62	20.24	4.21	4.21	-/-	6	1.02
		2	50												
608	015-090	2	40	51.38	8.07	4.25	23.31	16.54	22.83	20.08	4.8	3.8	-/-	6	1.02
	015-095	2	40												
		2	50												
	020-095	2	40												
		2	50												
624	025-095	2	25	55.31	8.86	4.76	23.15	18.27	27.17	21.89	4.53	5.53	5.53/-	6	1.02
		2	30												
625	025-095	2	40	55.71	8.07	4.21	27.68	18.11	24.41	21.65	3.82	3.82	-/-	6	1.02
		2	50												
627	030-095	2	40	52.17	8.07	4.25	24.88	18.11	24.41	21.65	3.82	3.82	-/-	6	1.02
		2	50												

Base frame code	Pump type	Pole	P2 [hp]	Dimensions [inch]										
				L1	L2	L4	L5	B1	B2	B3	H	H5 [43]		N	D
												NK	NKE 460V/230V		
637	050-070	2	60	57.68	11.61	7.09	24.02	22.13	33.46	26.14	7.56	6.56	-/-	6	1.02
		2	75												
642	020-095	2	60	59.65	11.61	7.01	24.96	22.13	33.46	26.14	8.58	6.58	-/-	6	1.02
643	025-095	2	60	63.19	11.61	6.97	29.65	22.13	33.46	26.14	7.56	6.56	-/-	6	1.02
		2	75												
644	030-095	2	60	59.65	11.61	7.01	24.96	22.13	33.46	26.14	7.56	6.56	-/-	6	1.02
		2	75												
	040-095	2	60	59.65	11.61	7.01	24.96	22.13	33.46	26.14	6.57	6.57	-/-	6	1.02
		2	75												
645	030-095	2	100	61.22	10.83	5.63	27.05	21.97	31.89	25.75	7.2	5.2	-/-	6	1.02
	040-095	2	100	61.22	10.83	5.63	27.05	21.97	31.89	25.75	6.18	5.18	-/-	6	1.02
649	040-150	6	40	64.96	10.83	6.3	31.89	21.97	31.89	25.75	5.12	7.12	-/-	6	1.02
		4	60												
		4	75	64.96	10.83	6.3	31.89	21.97	31.89	25.75	6.1	8.1	-/-	6	1.02
	050-135	4	60	64.96	10.83	6.3	31.89	21.97	31.89	25.75	5.12	7.12	-/-	6	1.02
		4	75	64.96	10.83	6.3	31.89	21.97	31.89	25.75	6.1	8.1	-/-	6	1.02
	060-110	4	60	64.96	10.83	6.3	31.89	21.97	31.89	25.75	5.12	7.12	-/-	6	1.02
650	040-150	4	100	69.49	10.83	5.67	35.28	22.13	33.46	26.14	5.12	6.12	-/-	6	1.02
	050-150	6	60	69.49	10.83	5.67	35.28	22.13	33.46	26.14	5.12	7.62	-/-	6	1.02
		4	100												
652	050-150	6	40	64.96	10.83	6.3	31.89	21.97	31.89	25.75	5.12	8.62	-/-	6	1.02
		4	75												
		6	50												
653	030-095	2	125	72.44	11.42	6.3	26.77	24.49	35.83	28.50	8.78	5.78	-/-	6	1.02
	040-095	2	125	72.44	11.42	6.3	26.77	24.49	35.83	28.50	7.8	5.8	-/-	6	1.02
		2	150												
657	060-135	4	60	61.02	9.25	4.02	30.83	24.02	29.53	27.09	3.35	5.35	-/-	6	1.02
		4	75												
659	060-135	4	100	67.91	9.84	4.88	33.82	24.17	33.07	27.80	4.53	5.53	-/-	6	1.02
660	040-150	4	125	80.71	11.42	6.5	34.84	24.49	35.83	28.50	5.79	5.79	-/-	6	1.02
		4	150												
	060-135	4	125												
661	050-150	4	125	79.33	9.84	6.69	34.65	24.17	33.07	27.80	4.57	6.07	-/-	6	1.02
		4	150												
		4	200												
662	060-150	6	40	66.73	9.06	4.02	36.73	24.17	31.10	27.72	3.15	6.65	-/-	6	1.02
		6	50												
663	060-150	6	60	71.46	9.06	3.94	40.16	24.17	31.10	27.72	3.15	5.65	-/-	6	1.02
		6	75												
664	060-150	4	125	85.24	9.84	6.5	40.87	24.17	33.07	27.80	4.57	6.07	-/-	6	1.02
		6	100												
		4	150												
665	060-150	4	200	90.94	9.84	6.57	41.46	24.17	33.07	27.80	4.57	6.07	-/-	6	1.02
		4	250												
668	080-135	4	60	62.6	9.84	4.57	31.26	27.13	36.02	30.75	4.57	9.32	-/-	6	1.02
		6	40												
		4	75												
		6	50												
670	080-135	4	100	67.91	9.84	4.88	33.82	27.13	36.02	30.75	4.53	8.28	-/-	6	1.02
671	080-135	4	125	84.25	12.01	9.45	35.43	27.60	40.35	31.61	7.28	10.03	-/-	6	1.02
		4	150												
		4	200												

Base frame code	Pump type	Pole	P2 [hp]	Dimensions [inch]											
				L1	L2	L4	L5	B1	B2	B3	H	H5 [43]		N	D
												NK	NKE 460V/230V		
672	080-150	6	40	68.5	9.84	4.57	37.17	27.13	36.02	30.75	4.53	11.28	-/-	6	1.02
673	080-150	6	50	68.5	9.84	4.57	37.17	27.13	36.02	30.75	4.53	11.28	-/-	6	1.02
674	080-150	6	60	73.03	9.84	4.72	40.35	27.44	38.78	31.46	4.53	10.28	-/-	6	1.02
		6	75												
675	080-150	4	125	87.6	10.63	7.95	41.46	27.28	37.20	31.06	5.12	9.87	-/-	6	1.02
		4	150												
676	100-150	6	50	82.87	11.42	7.05	36.85	27.44	38.78	31.46	6.5	15.25	-/-	6	1.02
677	100-150	6	60	84.06	10.63	6.26	39.61	27.28	37.20	31.06	5.12	12.87	-/-	6	1.02
		6	75												
678	100-150	6	100	83.46	10.63	7.8	41.81	27.28	37.20	31.06	5.12	11.87	-/-	6	1.02
		4	150												
679	080-150	4	200	91.93	10.63	7.95	41.46	27.28	37.20	31.06	5.12	9.87	-/-	6	1.02
		4	250												
680	100-150	4	200	92.13	10.63	7.8	41.81	27.28	37.20	31.06	5.12	11.87	-/-	6	1.02
		4	250												
834	050-070	2	10	49.61	8.07	4.09	21.10	16.54	22.05	19.06	4.13	-/-	-/5.89	6	0.63
		2	15									-/-	5.88/5.89		
		2	20									-/-	5.89/-		
		2	25									-/-	5.13/-		
		2	30												
839	015-090	2	15	48.23	6.50	3.31	23.62	14.80	19.13	17.17	2.68	-/-	3.43/-	6	0.63
		2	20												
	015-095	2	15												
		2	20												
	020-095	2	15												
		2	20												

[43] Including the height of the riser.

For spacer coupling

Base frame code	Pump type	Pole	P2 [hp]	Dimensions [inch]											
				L1	L2	L4	L5	B1	B2	B3	H	H5 [43]		N	D
												NK	NKE 460V/230V		
699	015-090	2	15	50.98	6.5	3.23	26.46	14.80	19.13	17.17	2.68	3.43	-/-	6	0.63
		2	20												
	015-095	2	15												
		2	20												
	020-095	2	15												
		2	20												
700	015-090	2	25	50.98	7.28	3.82	24.92	14.80	18.11	16.77	3.23	3.23	3.23/-	6	0.63
		2	30												
	015-095	2	25												
		2	30												
703	020-095	2	25	51.38	7.28	3.94	25.2	14.80	18.11	16.77	3.23	3.23	3.23/-	6	0.63
		2	30												
707	040-070	2	25	51.97	7.09	3.5	26.42	15.59	19.37	17.80	3.82	3.82	3.82/-	6	0.63
		2	30												
713	030-070	2	40	55.71	8.86	4.84	27.05	16.69	23.62	20.24	5.98	4.23	-/-	6	1.02
714	050-070	2	25	53.94	8.07	4.09	25.43	16.54	22.05	19.06	4.13	5.13	-/-	6	0.63
		2	30												
715	050-070	2	40	55.71	8.86	4.84	27.05	16.69	23.62	20.24	4.21	4.21	-/-	6	1.02
		2	50												
716	015-090	2	40	55.12	8.07	4.21	27.87	16.54	22.83	20.08	4.8	3.8	-/-	6	1.02
	015-095	2	40												
		2	50												
	020-095	2	40												
		2	50												
719	040-070	2	40	56.5	8.86	4.84	27.83	16.69	23.62	20.24	5.2	4.2	-/-	6	1.02
		2	50												
733	025-095	2	25	58.27	8.86	4.88	27.48	18.27	27.17	21.89	4.53	5.53	5.53/-	6	1.02
		2	30												
734	025-095	2	40	59.06	8.07	4.17	30.94	18.11	24.41	21.65	3.82	3.82	-/-	6	1.02
		2	50												
736	030-095	2	40	57.68	8.07	4.25	30.39	18.11	24.41	21.65	3.82	3.82	-/-	6	1.02
		2	50												
749	050-070	2	60	62.01	11.61	6.93	28.5	22.13	33.46	26.14	7.56	6.56	-/-	6	1.02
		2	75												
754	020-095	2	60	62.2	11.61	7.05	28.58	22.13	33.46	26.14	8.58	6.58	-/-	6	1.02
755	025-095	2	60	66.54	11.61	7.01	32.95	22.13	33.46	26.14	7.56	6.56	-/-	6	1.02
		2	75												
756	040-095	2	60	64.76	11.61	7.09	31.1	22.13	33.46	26.14	6.57	6.57	-/-	6	1.02
		2	75												
	030-095	2	60	64.76	11.61	7.09	31.1	22.13	33.46	26.14	7.56	6.56	-/-	6	1.02
		2	75												
757	040-095	2	100	65.75	10.83	5.71	31.5	21.97	31.89	25.75	6.18	5.18	-/-	6	1.02
	030-095	2	100	65.75	10.83	5.71	31.5	21.97	31.89	25.75	7.2	5.2	-/-	6	1.02
761	060-110	4	60	69.49	10.83	6.22	37.48	21.97	31.89	25.75	5.12	7.12	-/-	6	1.02
	050-135	4	60												
		4	75												
	040-150	4	60												
		6	40												
		4	75												
762	040-150	4	100	74.21	10.83	5.59	40.08	22.13	33.46	26.14	5.12	6.12	-/-	6	1.02

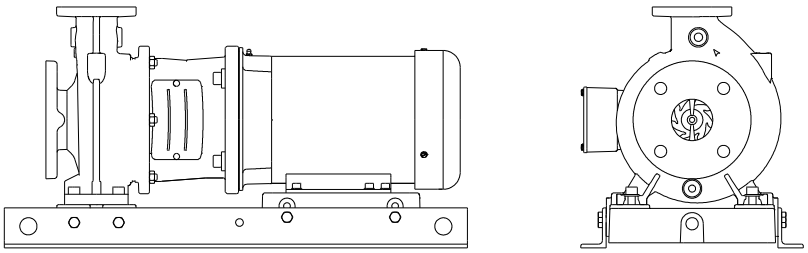
Base frame code	Pump type	Pole	P2 [hp]	Dimensions [inch]										
				L1	L2	L4	L5	B1	B2	B3	H	H5 [43]		N	D
												NK	NKE 460V/230V		
765	050-150	6	40	70.08	10.83	6.22	38.07	21.97	31.89	25.75	5.12	8.62	-/-	6	1.02
		4	75												
		6	50												
766	050-150	6	60	74.21	10.83	5.59	40.08	22.13	33.46	26.14	5.12	7.62	-/-	6	1.02
		4	100												
767	040-095	2	125	76.57	11.42	6.38	30.83	24.49	35.83	28.50	7.8	5.8	-/-	6	1.02
		2	150												
	030-095	2	125	76.57	11.42	6.38	30.83	24.49	35.83	28.50	8.78	5.78	-/-	6	1.02
771	060-135	4	60	66.93	9.25	4.09	36.65	24.02	29.53	27.09	3.35	5.35	-/-	6	1.02
		4	75												
773	060-135	4	100	73.43	9.84	4.76	40.71	24.17	33.07	27.80	4.53	5.53	-/-	6	1.02
774	060-135	4	125	87.6	11.42	6.38	41.85	24.49	35.83	28.50	5.79	5.79	-/-	6	1.02
	040-150	4	125												
		4	150												
775	050-150	4	125	86.22	9.84	6.57	41.65	24.17	33.07	27.80	4.57	6.07	-/-	6	1.02
		4	150												
		4	200												
776	060-150	6	40	73.03	9.06	3.98	43.07	24.17	31.10	27.72	3.15	6.65	-/-	6	1.02
		6	50												
777	060-150	6	60	77.17	9.06	4.02	45.79	24.17	31.10	27.72	3.15	5.65	-/-	6	1.02
		6	75												
778	060-150	4	125	91.73	9.84	6.57	47.28	24.17	33.07	27.80	4.57	6.07	-/-	6	1.02
		6	100												
		4	150												
779	060-150	4	200	97.44	9.84	6.65	47.87	24.17	33.07	27.80	4.57	6.07	-/-	6	1.02
		4	250												
782	080-135	4	60	68.5	9.84	4.65	37.09	27.13	36.02	30.75	4.57	9.32	-/-	6	1.02
		6	40												
		4	75												
		6	50												
784	080-135	4	100	73.43	9.84	4.76	40.71	27.13	36.02	30.75	4.53	8.28	-/-	6	1.02
785	080-135	4	125	91.34	12.01	9.53	42.44	27.60	40.35	31.61	7.28	10.03	-/-	6	1.02
		4	150												
		4	200												
786	080-150	6	40	74.8	9.84	4.53	43.5	27.13	36.02	30.75	4.53	11.28	-/-	6	1.02
787	080-150	6	50	74.8	9.84	4.53	43.5	27.13	36.02	30.75	4.53	11.28	-/-	6	1.02
788	080-150	6	60	80.51	9.84	4.88	47.68	27.44	38.78	31.46	4.53	10.28	-/-	6	1.02
		6	75												
789	080-150	4	125	95.28	10.63	7.87	49.21	27.28	37.20	31.06	5.12	9.87	-/-	6	1.02
		4	150												
790	100-150	6	50	89.17	11.42	7.01	43.19	27.44	38.78	31.46	6.5	15.25	-/-	6	1.02
791	100-150	6	60	91.34	10.63	6.3	46.93	27.28	37.20	31.06	5.12	12.87	-/-	6	1.02
		6	75												
792	100-150	6	100	91.34	10.63	7.91	49.57	27.28	37.20	31.06	5.12	11.87	-/-	6	1.02
		4	150												
793	080-150	4	200	99.61	10.63	7.87	49.21	27.28	37.20	31.06	5.12	9.87	-/-	6	1.02
		4	250												
794	100-150	4	200	100	10.63	7.91	49.57	27.28	37.20	31.06	5.12	11.87	-/-	6	1.02
		4	250												

Base frame code	Pump type	Pole	P2 [hp]	Dimensions [inch]										
				L1	L2	L4	L5	B1	B2	B3	H	H5 [43]		N	D
												NK	NKE 460V/230V		
853	050-070	2	10	53.94	8.07	4.09	25.43	16.54	22.05	19.06	4.13	-/-	-/5.89	6	0.63
		2	15									-/-	5.88/5.89		
		2	20									-/-	5.89/-		
		2	25									-/-	5.13/-		
		2	30												
858	015-090	2	15	50.98	6.50	3.23	26.46	14.80	19.13	17.17	2.68	-/-	3.43/-	6	0.63
		2	20												
	015-095	2	15												
		2	20												
	020-095	2	15												
		2	20												

[43] Including the height of the riser.

NB base frames

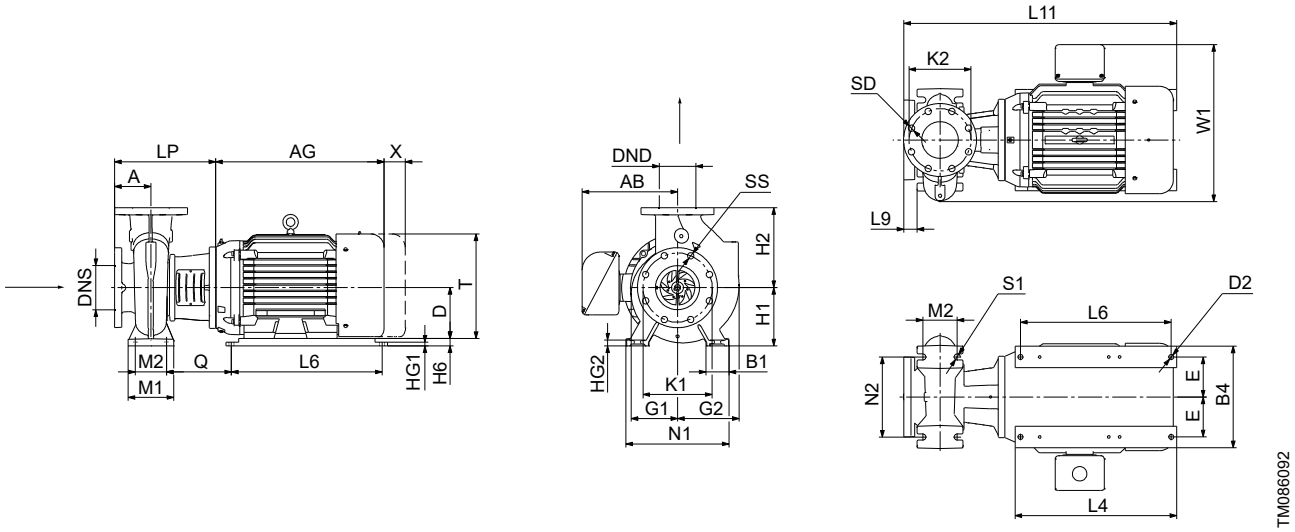
NB pumps are available with base frame as an option. The pump is mounted on the base frame when produced, and therefore the base frame should be ordered together with the pump. Contact Grundfos for ordering.



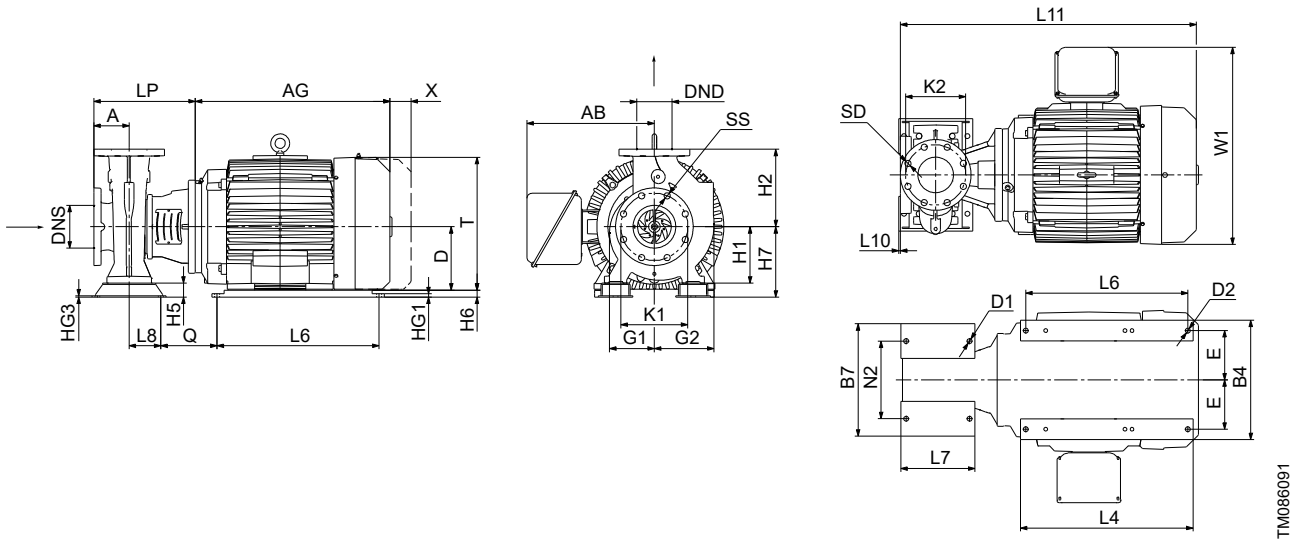
TM086087

NB pump with base frame

NB, support rails



Mounting design B



Mounting design C

Note: For dimensions of pump with support , refer to section Dimensions for NB pumps with TEFC motors, mounting design B and C or Section Dimensions for NB pumps with ODP motors, mounting design B and C.

Support rails for pumps with TEFC motor

Pump size	Pole	P2 [hp]	Support rail kit Pump side [44]	Support rail kit Motor side
012-070	2	3	92521554	92521518
		5	92521554	92521518
		7.5	92521554	92521504
		7.5	92521554	92521504
		10	92521554	92521504
		15	92521554	92521503
		15	92521554	92521503
	4	1	-	92521507
		1	-	92521507
		1	-	92521507
		1.5	-	92521507
015-070	2	5	92521554	92521518
		7.5	92521554	92521504
		10	92521554	92521504
		15	92521554	92521503
		20	92521554	92521503
	4	1	-	92521507
		1	-	92521507
		1.5	-	92521507
		2	-	92521507
		3	92521554	92521518
015-090	2	15	92521550	92521505
		20	92521550	92521505
		25	92521550	92521519
		30	92521550	92521519
		40	92521551	92521520
	4	1.5	-	92521510
		2	-	92521510
		3	-	92521506
		5	-	92521506
015-095	2	15	92521550	92521505
		20	92521550	92521505
		25	92521550	92521519
		30	92521550	92521519
		40	92521551	92521520
		50	92521551	92521520
	4	2	-	92521510
		3	-	92521506
		5	-	92521506
		7.5	-	92521504
020-095	2	15	92521550	92521505
		20	92521550	92521505
		25	92521550	92521519
		30	92521550	92521519
		40	92521551	92521520
		50	92521551	92521520
		60	92521557	92521543
		60	92521557	92521543
	4	2	-	92521510
		3	-	92521506
		5	-	92521506
		7.5	-	92521504
020-110	4	5	-	92521506
		7.5	-	92521504
		10	-	92521504
		15	-	92521503
020-135	4	7.5	-	92521512
		10	-	92521512
		15	-	92521509
		20	-	92521509
		25	-	92521521
025-070	2	7.5	92521546	92521504
		10	92521546	92521504
		15	92521546	92521503
		20	92521546	92521503
		25	92521552	92521519
		30	92521552	92521519
	4	1	-	92521507
		1.5	-	92521507
		2	-	92521507
		3	92521546	92521506
		5	92521546	92521506
025-095	2	25	-	92521519
		30	-	92521519
		40	92521547	92521520
		50	92521547	92521520
		60	92521548	92521543
		75	92521548	92521543
		75	92521548	92521543
	4	3	-	92521511
		5	-	92521511
		7.5	-	92521508
		10	-	92521508
	6	1	-	92521514
		1.5	-	92521511
		2	-	92521511
		3	-	92521508
025-110	4	7.5	-	92521508
		10	-	92521508
		15	-	92521505
	6	2	-	92521511
		3	-	92521508
		5	-	92521508
030-070	2	15	92521546	92521503
		20	92521546	92521503
		25	92521552	92521519
		30	92521552	92521519
		40	92521558	92521520
	4	1.5	-	92521507
		2	-	92521507
		3	92521546	92521506
		5	92521546	92521506

Pump size	Pole	P2 [hp]	Support rail kit Pump side [44]	Support rail kit Motor side
030-095	2	40	92521547	92521520
		50	92521547	92521520
		60	92521548	92521543
		75	92521548	92521543
		100	92521549	92521521
		125	92521556	92521545
	4	5	-	92521511
		7.5	-	92521508
		10	-	92521508
		15	-	92521505
	6	1.5	-	92521511
		2	-	92521511
		3	-	92521508
		5	-	92521508
030-110	4	10	-	92521508
		15	-	92521505
		20	-	92521505
	6	3	-	92521508
		5	-	92521508
		7.5	-	92521505
030-135	4	15	-	92521513
		20	-	92521513
		25	-	92521521
		30	-	92521521
		40	-	92521521
	6	5	-	92521516
		7.5	-	92521513
		10	-	92521513
		15	-	92521521
040-070	2	20	92521550	92521505
		25	92521550	92521519
		30	92521550	92521519
		40	92521551	92521520
		50	92521551	92521520
	4	2	-	92521510
		3	-	92521506
		5	-	92521506
		7.5	-	92521504
	6	1	-	92521510
		1	-	92521510
		1.5	-	92521506
		2	-	92521506
040-095	2	60	92521547	92521543
		75	92521547	92521543
		100	92521548	92521521
		125	92521549	92521545
	4	7.5	-	92521512
		10	-	92521512
		15	-	92521509
		20	-	92521509
	6	2	-	92521515
		3	-	92521512
		5	-	92521512
		7.5	-	92521509

Pump size	Pole	P2 [hp]	Support rail kit Pump side [44]	Support rail kit Motor side
040-110	4	15	-	92521509
		20	-	92521509
		25	-	92521521
		30	-	92521521
	6	3	-	92521512
		5	-	92521512
		7.5	-	92521509
		10	-	92521509
040-135	4	20	-	92521513
		25	-	92521521
		30	-	92521521
		40	-	92521521
		50	-	92521521
	6	5	-	92521516
		7.5	-	92521513
		10	-	92521513
		15	-	92521521
050-070	2	25	-	92521519
		30	-	92521519
		40	92521547	92521520
		50	92521547	92521520
		60	92521548	92521543
		75	92521548	92521543
	4	3	-	92521511
		5	-	92521511
		7.5	-	92521508
		10	-	92521508
	6	1	-	92521514
		1	-	92521514
		1.5	-	92521511
		2	-	92521511
		3	-	92521508
050-095	4	10	-	92521516
		15	-	92521513
		20	-	92521513
		25	-	92521521
		30	-	92521521
	6	3	-	92521516
		5	-	92521516
		7.5	-	92521513
		10	-	92521513
050-110	4	20	-	92521513
		25	-	92521521
		30	-	92521521
		40	-	92521521
	6	5	-	92521516
		7.5	-	92521513
		10	-	92521513
		15	-	92521521

Pump size	Pole	P2 [hp]	Support rail kit Pump side [44]	Support rail kit Motor side
050-135	4	25	-	92521521
		30	-	92521521
		40	-	92521521
		50	-	92521521
		60	-	92521521
		75	-	92521521
	6	10	-	92521517
		15	-	92521521
		20	-	92521521
060-095	4	15	-	92521517
		20	-	92521517
		25	-	92521521
		30	-	92521521
		40	-	92521521
	6	5	-	92521518
		7.5	-	92521517
		10	-	92521517
		15	-	92521521
060-110	4	30	-	92521521
		40	-	92521521
		50	-	92521521
		60	-	92521521
	6	7.5	-	92521517
		10	-	92521517
		15	-	92521521
		20	-	92521521

44) "-" means design B - no need to support pump head.

Support rails for pumps with ODP motor

Pump size	Pole	P2 [hp]	Support rail kit - Pump side [45]	Support rail kit - Motor side
012-070	2	3	92521553	92521507
		5	92521554	92521518
		7.5	92521554	92521518
		7.5	92521554	92521518
		10	92521554	92521504
		15	92521554	92521504
		15	92521554	92521504
	4	1	92521553	92521507
		1	92521553	92521507
		1	92521553	92521507
		1.5	92521553	92521507
015-070	2	5	92521554	92521518
		7.5	92521554	92521518
		10	92521554	92521504
		15	92521554	92521504
		20	92521554	92521503
	4	1	92521553	92521507
		1	92521553	92521507
		1.5	92521553	92521507
		2	92521553	92521507
		3	92521554	92521518

Pump size	Pole	P2 [hp]	Support rail kit - Pump side [45]	Support rail kit - Motor side
015-090	2	15	-	92521504
		20	92521550	92521505
		25	92521550	92521505
		30	92521550	92521519
		40	92521550	92521519
	4	1.5	-	92521510
		2	-	92521510
		3	-	92521506
		5	-	92521506
015-095	2	15	-	92521504
		20	92521550	92521505
		25	92521550	92521505
		30	92521550	92521519
		40	92521550	92521519
		50	92521551	92521520
	4	2	-	92521510
		3	-	92521506
		5	-	92521506
		7.5	-	92521504
020-095	2	15	-	92521504
		20	92521550	92521505
		25	92521550	92521505
		30	92521550	92521519
		40	92521550	92521519
		50	92521551	92521520
		60	92521551	92521520
		60	92521551	92521520
	4	2	-	92521510
		3	-	92521506
		5	-	92521506
		7.5	-	92521504
020-110	4	5	-	92521506
		7.5	-	92521504
		10	-	92521504
		15	-	92521503
020-135	4	7.5	-	92521512
		10	-	92521512
		15	-	92521509
		20	-	92521509
		25	-	92521521
025-070	2	7.5	92521546	92521506
		10	92521546	92521504
		15	92521546	92521504
		20	92521546	92521503
		25	92521546	92521503
		30	92521552	92521519
	4	1	-	92521507
		1.5	-	92521507
		2	-	92521507
		3	92521546	92521506
		5	92521546	92521506

Pump size	Pole	P2 [hp]	Support rail kit - Pump side [45)]	Support rail kit - Motor side
025-095	2	25	-	92521505
		30	-	92521519
		40	-	92521519
		50	92521547	92521520
		60	92521547	92521520
		75	92521548	92521543
		75	92521548	92521543
	4	3	-	92521511
		5	-	92521511
		7.5	-	92521508
		10	-	92521508
	6	1	-	92521514
		1.5	-	92521511
		2	-	92521511
		3	-	92521508
025-110	4	7.5	-	92521508
		10	-	92521508
		15	-	92521505
	6	2	-	92521511
		3	-	92521508
		5	-	92521508
030-070	2	15	92521546	92521504
		20	92521546	92521503
		25	92521546	92521503
		30	92521552	92521519
		40	92521552	92521519
	4	1.5	-	92521507
		2	-	92521507
		3	92521546	92521506
		5	92521546	92521506
030-095	2	40	-	92521519
		50	92521547	92521520
		60	92521547	92521520
		75	92521548	92521543
		100	92521548	92521543
		125	92521549	92521521
	4	5	-	92521511
		7.5	-	92521508
		10	-	92521508
		15	-	92521505
	6	1.5	-	92521511
		2	-	92521511
		3	-	92521508
		5	-	92521508
030-110	4	10	-	92521508
		15	-	92521505
		20	-	92521505
	6	3	-	92521508
		5	-	92521508
		7.5	-	92521505

Pump size	Pole	P2 [hp]	Support rail kit - Pump side [45)]	Support rail kit - Motor side
030-135	4	15	-	92521513
		20	-	92521513
		25	-	92521521
		30	-	92521521
		40	-	92521521
	6	5	-	92521516
		7.5	-	92521513
		10	-	92521513
		15	-	92521521
040-070	2	20	92521550	92521505
		25	92521550	92521505
		30	92521550	92521519
		40	92521550	92521519
		50	92521551	92521520
	4	2	-	92521510
		3	-	92521506
		5	-	92521506
		7.5	-	92521504
	6	1	-	92521510
		1	-	92521510
		1.5	-	92521506
		2	-	92521506
040-095	2	60	-	92521520
		75	92521547	92521543
		100	92521547	92521543
		125	92521548	92521521
	4	7.5	-	92521512
		10	-	92521512
		15	-	92521509
		20	-	92521509
	6	2	-	92521515
		3	-	92521512
		5	-	92521512
		7.5	-	92521509
040-110	4	15	-	92521509
		20	-	92521509
		25	-	92521521
		30	-	92521521
	6	3	-	92521512
		5	-	92521512
		7.5	-	92521509
		10	-	92521509
040-135	4	20	-	92521513
		25	-	92521521
		30	-	92521521
		40	-	92521521
		50	-	92521521
	6	5	-	92521516
		7.5	-	92521513
		10	-	92521513
		15	-	92521521

Pump size	Pole	P2 [hp]	Support rail kit - Pump side [45]	Support rail kit - Motor side
050-070	2	25	-	92521505
		30	-	92521519
		40	-	92521519
		50	92521547	92521520
		60	92521547	92521520
		75	92521548	92521543
	4	3	-	92521511
		5	-	92521511
		7.5	-	92521508
		10	-	92521508
	6	1	-	92521514
		1	-	92521514
		1.5	-	92521511
		2	-	92521511
		3	-	92521508
050-095	4	10	-	92521516
		15	-	92521513
		20	-	92521513
		25	-	92521521
		30	-	92521521
	6	3	-	92521516
		5	-	92521516
		7.5	-	92521513
		10	-	92521513
050-110	4	20	-	92521513
		25	-	92521521
		30	-	92521521
		40	-	92521521
	6	5	-	92521516
		7.5	-	92521513
		10	-	92521513
		15	-	92521521
050-135	4	25	-	92521521
		30	-	92521521
		40	-	92521521
		50	-	92521521
		60	-	92521521
		75	-	92521521
	6	10	-	92521517
		15	-	92521521
		20	-	92521521
060-095	4	15	-	92521517
		20	-	92521517
		25	-	92521521
		30	-	92521521
		40	-	92521521
	6	5	-	92521518
		7.5	-	92521517
		10	-	92521517
		15	-	92521521
060-110	4	30	-	92521521
		40	-	92521521
		50	-	92521521
		60	-	92521521
	6	7.5	-	92521517
		10	-	92521517
		15	-	92521521
		20	-	92521521

[45] "-" means design B - no need to support pump head.

Related information

Dimensions for NB pumps with TEFC motors, mounting design B and C

Dimensions for NB pumps with ODP motors, mounting design B and C

NBE, support rails

Note: For dimensional drawings, see Section NBE, dimensional drawings.

Pump size	Pole	P2 [hp]	Support rail kit Pump side	Support rail kit Motor side
012-070	2	3	92521554	92521518
		5	92521554	92521518
		7.5	92521554	92521504
		7.5	92521554	92521504
		10	92521554	92521504
		15	92521554	93196834
		15	92521554	93196834
	4	1.5	92521554	92521518
		2	92521554	92521518
015-070	2	5	92521554	92521518
		7.5	92521554	92521504
		10	92521554	92521504
		15	92521554	93196834
	4	1.5	92521554	92521518
		2	92521554	92521518
		3	92521554	92521518
		5	92521554	92521518
015-090	2	15	92521550	92521505
		20	92521550	92521505
		25	92521550	93196835
		30	92521550	93196835
	4	1.5	-	92521506
		2	-	92521506
		3	-	92521506
		5	-	92521506
		7.5	-	92521504
		10	-	92521504
015-095	2	15	92521550	92521505
		20	92521550	92521505
		25	92521550	93196835
		30	92521550	93196835
	4	2	-	92521506
		3	-	92521506
		5	-	92521506
		7.5	-	92521504
		10	-	92521504
020-095	2	15	92521550	92521505
		20	92521550	92521505
		25	92521550	93196835
		30	92521550	93196835
	4	2	-	92521506
		3	-	92521506
		5	-	92521506
		7.5	-	92521504
		10	-	92521504
020-110	4	5	-	92521506
		7.5	-	92521504
		10	-	92521504
		15	-	93196834
		20	-	93196834
020-135	4	7.5	-	92521512
		10	-	92521512
		15	-	92521509
		20	-	92521509
		25	-	92521521
		30	-	92521521
025-070	2	5	92521546	92521506
		7.5	92521546	92521504
		10	92521546	92521504
		15	92521546	93196834
		20	92521546	93196834
		25	92521552	93196835
		30	92521552	93196835
	4	1.5	92521546	92521506
		2	92521546	92521506
		3	92521546	92521506
		5	92521546	92521506
025-095	2	25	-	93196835
		30	-	93196835
	4	3	-	92521511
		5	-	92521511
		7.5	-	92521508
		10	-	92521508
025-110	4	7.5	-	92521508
		10	-	92521508
		15	-	92521505
		20	-	92521505
030-070	2	7.5	92521546	92521504
		10	92521546	92521504
		15	92521546	93196834
		20	92521546	93196834
		25	92521552	93196835
		30	92521552	93196835
	4	1.5	92521546	92521506
		2	92521546	92521506
		3	92521546	92521506
		5	92521546	92521506
030-095	4	5	-	92521511
		7.5	-	92521508
		10	-	92521508
		15	-	92521505
		20	-	92521505
030-110	4	10	-	92521508
		15	-	92521505
		20	-	92521505
030-135	4	15	-	92521513
		20	-	92521513
		25	-	92521521
		30	-	92521521

Pump size	Pole	P2 [hp]	Support rail kit Pump side	Support rail kit Motor side
040-070	2	15	92521550	92521505
		20	92521550	92521505
		25	92521550	93196835
		30	92521550	93196835
	4	1.5	-	92521506
		2	-	92521506
		3	-	92521506
		5	-	92521506
		7.5	-	92521504
		10	-	92521504
040-095	4	7.5	-	92521512
		10	-	92521512
		15	-	92521509
		20	-	92521509
040-110	4	15	-	92521509
		20	-	92521509
		25	-	92521521
		30	-	92521521
040-135	4	15	-	92521513
		20	-	92521513
		25	-	92521521
		30	-	92521521
050-070	2	15	-	92521505
		20	-	92521505
		25	-	93196835
		30	-	93196835
	4	3	-	92521511
		5	-	92521511
		7.5	-	92521508
		10	-	92521508
050-095	4	10	-	92521516
		15	-	92521513
		20	-	92521513
		25	-	92521521
		30	-	92521521
050-110	4	15	-	92521513
		20	-	92521513
		25	-	92521521
		30	-	92521521
060-095	4	15	-	92521517
		20	-	92521517
		25	-	92521521
		30	-	92521521
060-110	4	25	-	92521521
		30	-	92521521

Related information

NBE, dimensional drawings

20. Accessories

Flow sensor

Grundfos vortex flow sensor, VFI[46]	Type	Flow range gal/min (m^3/h)	Pipe connection	O-ring		Connection type		Product number
				EPDM	FKM	Cast iron flange	Stainless steel flange	
 • Sensor tube with sensor • Sensor tube of 1.4408 and sensor of 1.4404 • 2 flanges • 5 m cable with M12 connection in one end • Quick guide	VFI 1.3-25 DN32 020 E	5.7 - 110.1 (1.3 - 25)	1 ¼" DN 32	•		•		97686141
	VFI 1.3-25 DN32 020 F				•	•		97686142
	VFI 1.3-25 DN32 020 E			•			•	97688297
	VFI 1.3-25 DN32 020 F				•		•	97688298
	VFI 2-40 DN40 020 E	8.8 - 176.1 (2-40)	1 ½" DN 40	•		•		97686143
	VFI 2-40 DN40 020 F				•	•		97686144
	VFI 2-40 DN40 020 E			•			•	97688299
	VFI 2-40 DN40 020 F				•		•	97688300
	VFI 3.2-64 DN50 020 E	8.8 - 281.8 (2-64)	2" DN 50	•		•		97686145
	VFI 3.2-64 DN50 020 F				•	•		97686146
	VFI 3.2-64 DN50 020 E			•			•	97688301
	VFI 3.2-64 DN50 020 F				•		•	97688302
	VFI 5.2-104 DN65 020 E	22.9 - 457.9 (5.2 - 104)	2 ½" DN 65	•		•		97686147
	VFI 5.2-104 DN65 020 F				•	•		97686148
	VFI 5.2-104 DN65 020 E			•			•	97688303
	VFI 5.2-104 DN65 020 F				•		•	97688304
	VFI 8-160 DN80 020 E	35.2 - 704.5 (8-160)	3" DN 80	•		•		97686149
	VFI 8-160 DN80 020 F				•	•		97686150
	VFI 8-160 DN80 020 E			•			•	97688305
	VFI 8-160 DN80 020 F				•		•	97688306
	VFI 12-240 DN100 020 E	52.8 - 1056.7 (12-240)	4" DN 100	•		•		97686151
	VFI 12-240 DN100 020 F				•	•		97686152
	VFI 12-240 DN100 020 E			•			•	97688308
	VFI 12-240 DN100 020 F				•		•	97688309

[46] For more information about the VFI sensor, see the "Grundfos direct sensors" data booklet, publication number 97790189.

External Grundfos sensors

Sensor	Type	Supplier	Measuring range PSI [bar]	Transmitter output [mA]	Power supply [VDC]	Process connection	Product number
Pressure transmitter	RPI	Grundfos	0 - 8.7 (0 - 0.6)	4-20	12-30	G 1/2	97748907
			0 -14.5 (0 - 1)				97748908
			0 - 23.2 (0 - 1.6)				97748909
			0 - 36.3 (0 - 2.5)				97748910
			0-58 (0-4)				97748921
			0-87 (0-6)				97748922
			0-174 (0-12)				97748923
			0-232 (0-16)				97748924

Sensor interface, SI 001 PSU [47]		Product number
	Grundfos Direct Sensors™, type SI 001 PSU, is an external power supply for the VFI, RPS, DPS and other transmitters that require 24 VDC supply voltage. It is used when the cable between transmitter and controller is more than 95.5 feets (30 meters) long.	96915820

47) For more information about the PSU sensor interface, see the Installation and operating instructions "SI 001 PSU - sensor interface", publication number 96944355, or Quick guide, publication number 96944356.

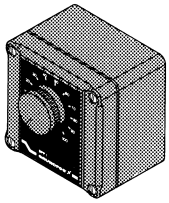
Danfoss pressure sensor kit	Pressure range PSI (bar])	Product number
• Connection: G 1/2 A (DIN 16288 - B6kt) • Electrical connection: Plug (DIN 43650)	0 - 36.3 (0 - 2.5)	96478188
	0-58 (0-4)	91072075
	0-87 (0-6)	91072076
	0-145 (0-10)	91072077
	0-232 (0-16)	91072078
• Pressure sensor, type MBS 3000, with 2 m screened cable • Connection: G 1/4 A (DIN 16288 - B6kt) • 5 cable clips, black • Fitting instructions PT (00400212)	0 - 36.3 (0 - 2.5)	405159
	0-58 (0-4)	405160
	0-87 (0-6)	405161
	0-145 (0-10)	405162
	0-232 (0-16)	405163

	Type	Supplier	Measuring range	Product number
Flowmeter	SITRANS F M MAGFLO MAG 5100 W	Siemens	4.4 - 22.0 gal/min (1") 1-5 m^3/h (DN 25)	ID8285
Flowmeter	SITRANS F M MAGFLO MAG 5100 W	Siemens	13.2 - 44.0 gal/min (1 ½") 3-10 m^3/h (DN 40)	ID8286
Flowmeter	SITRANS F M MAGFLO MAG 5100 W	Siemens	26.4 - 132.1 gal/min (2 ½") 6-30 m^3/h (DN 65)	ID8287
Flowmeter	SITRANS F M MAGFLO MAG 5100 W	Siemens	88.1 - 330.2 gal/min (4") 20-75 m^3/h (DN 100)	ID8288
Temperature sensor	TTA (0) 25	Carlo Gavazzi	32-77 °F 0-25 °C	96432591
Temperature sensor	TTA (-25) 25	Carlo Gavazzi	-13 to +77 °F -25 to +25 °C	96430194
Temperature sensor	TTA (50) 100	Carlo Gavazzi	122-212 °F 50-100 °C	96432592
Temperature sensor	TTA (0) 150	Carlo Gavazzi	32-302 °F 0-150 °C	96430195
Accessory for temperature sensor. All with 1/2 RG connection.	Protecting tube ∅9 x 50 mm	Carlo Gavazzi		96430201
	Protecting tube ∅9 x 100 mm	Carlo Gavazzi		96430202
	Cutting ring bush	Carlo Gavazzi		96430203

	Type	Supplier	Measuring range	Product number
Temperature sensor, ambient temperature	WR 52	tmg (DK: Plesner)	-58 to + 122 °F -50 to +50 °C	ID8295
Differential temperature sensor	ETSD	Honsberg	32-68 °F 0-20 °C	96409362
Differential temperature sensor	ETSD	Honsberg	32-122 °F 0-50 °C	96409363

Note: All sensors have 4-20 mA output signal.

Potentiometer



TM021630

Potentiometer for setpoint setting and start/stop of the pump.

Product	Product number
External potentiometer with cabinet for wall mounting	625468

Grundfos GO

Grundfos GO is used for wireless infrared or radio communication with the pumps.

MI 301

MI 301 is a module with built-in infrared and radio communication. Use MI 301 in conjunction with an Android or iOS-based smart devices with a Bluetooth connection. MI 301 has a rechargeable Li-ion battery and you must charge it separately.



TM053890

MI 301

Supplied with the product:

- Grundfos MI 301
- sleeve
- battery charger
- quick guide.

Product numbers

	Product number
Grundfos MI 301	98046408

Supported units

Make	Model	Operating system	MI 301
Apple	iPod touch 4G	iOS 5.0 or later	•
	iPhone 4, 4S		•
	iPod touch 5G	iOS 6.0 or later	•
	iPhone 5		•
HTC	Desire S	Android 2.3.3 or later	•
	Sensation	Android 2.3.4 or later	•
Samsung	Galaxy S II		•
	Galaxy Nexus	Android 4.0 or later	•
LG	Google Nexus 4	Android 4.2 or later	•

Note: Similar Android and iOS-based devices may work as well, but are not supported by Grundfos.

CIU communication interface units



TM1040612

Grundfos CIU communication interface unit

The CIU units enable communication of operating data, such as measured values and setpoints, between E-pumps and a building management system. The CIU unit incorporates a 24-240 VAC/VDC power supply module and a CIM module. It can either be mounted on a DIN rail or on a wall.

We offer the following CIU units:

Description	Fieldbus protocol	Product number
CIU 100	LonWorks for pumps	96753735
CIU 150	PROFIBUS DP	96753081
CIU 200	Modbus RTU	96753082
CIU 250 [48)]	GSM	96787106
CIU 270 [48)]	GRM	96898819
CIU 300	BACnet MS/TP	96893769
CIU 500	Ethernet, BACnet IP	96753894
CIU 500	Ethernet, Modbus TCP	
CIU 500	Ethernet, PROFINET IO	
CIU 500	Ethernet, GRM IP	
CIU 500	Ethernet, EtherNet/IP	
CIU 900	CIU box without CIM	99448387
CIU 901	CIU box with IO 270 only	99448389

48) Antenna not included. See section Antennas and battery.

For further information about data communication via CIU units and fieldbus protocols, see the CIU documentation available in Grundfos Product Center.

CIM communication interface modules



TM1040613

Grundfos CIM communication interface module

The CIM modules enable communication of operating data, such as measured values and setpoints, between E-pumps of up to 22 kW and a building management system. The CIM modules are add-on communication modules which are installed in the MGE terminal box.

Note: CIM modules must be installed by authorised personnel.

We offer the following CIM modules:

Product	Description	Product number
CIM 100	LonWorks for pumps	96824797
CIM 110	LonWorks for multipump	96824798
CIM 150	PROFIBUS DP	96824793
CIM 200	Modbus RTU	96824796
CIM 250 [49)]	GSM	96824795
CIM 260-EU [49)]	3G/4G cellular	99439302
CIM 260-US [49)]	3G/4G cellular	99439306
CIM 270 [49)]	GRM	96898815
CIM 280-EU [49)]	GiC/GRM 3G/4G	99439724
CIM 280-US [49)]	GiC/GRM 3G/4G	99439725
CIM 300	BACnet MS/TP	96893770
CIM 500	Ethernet, BACnet IP	98301408
CIM 500	Ethernet, Modbus TCP	
CIM 500	Ethernet, PROFINET IO	
CIM 500	Ethernet, GRM IP	
CIM 500	Ethernet, EtherNet/IP	

49) Antenna not included. See section Antennas and battery.

For further information about data communication via CIM modules and fieldbus protocols, see the CIM documentation available in Grundfos Product Center.

Antennas and battery

Description	Product number
Antenna for roof for CIM/CIU 250/270	97631956
Antenna for desk for CIM/CIU 250/270	97631957
Antenna (rod) 3G/4G for CIM 260/280	99043061
Antenna (puc) 3G/4G for CIM 260/280	99518079
CIM 250 battery	99499908

EMC filter

EMC (electromagnetic compatibility to EN 61800-3)

Motor [hp (kW)]		Emission/immunity
2-pole	4-pole	
0.50 (0.37)	0.50 (0.37)	**Emission** Motors may be installed in residential areas (first environment), unrestricted distribution, corresponding to CISPR11, group 1, class B. **Immunity** Motors fulfill the requirements for both the first and second environment.
0.75 (0.55)	0.75 (0.55)	
1 (0.75)	1 (0.75)	
1.5 (1.1)	1.5 (1.1)	
2 (1.5)	2 (1.5)	
3 (2.2)	3 (2.2)	
4 (3.0)	4 (3.0)	
5.5 (4.0)	5.5 (4.0)	
7.5 (5.5)	-	
10 (7.5)	-	
-	7.5 (5.5)	
-	10 (7.5)	Emission The motors are category C3, corresponding to CISPR11, group 2, class A, and may be installed in industrial areas (second environment). If equipped with an external Grundfos EMC filter, the motors are category C2, corresponding to CISPR11, group 1, class A, and may be installed in residential areas (first environment).
15 (11)	15 (11)	
20 (15)	20 (15)	
25 (18.5)	25 (18.5)	
30 (22)		



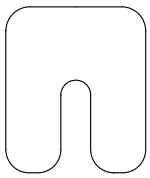
TM029198

EMC filter

The EMC filter for residential areas is available as a complete kit ready for installation.

Product	Product number
EMC filter 7.5 hp (5.5 kW) and 10 hp (7.5 kW), 4-pole	96041047
EMC filter 15-30 hp (11-22 kW)	96478309

Shims



TM043264

Shim

Shims to adjust motor height when aligning pump and motor.

Product	Product number
Small case (180 pcs)	96659156
Large case (360 pcs)	96659157

Each case contains three types of shims:

Type 1: 55 x 50 mm (2.17 x 1.97 in), 15 mm (0.59 in) slot.

Type 2: 75 x 70 mm (2.95 x 2.76 in), 23 mm (0.91 in) slot.

Type 3: 90 x 80 mm (3.54 x 3.15 in), 32 mm (1.26 in) slot.

Each type has ten of each of three sizes: 0.02; 0.028; 0.039 inch (0.5; 0.7; 1 mm).

A large case contains 20 of each of the above-mentioned shims. Refills can be found via service.

21. Service

Some pump parts will become worn over time and need to be replaced. These parts can be ordered as service kits.

Service recommendations

To avoid unnecessary downtime, we recommend that you stock certain service parts. These service parts should be ordered together with the pump.

Information about service kits and recommended service parts can be found in the service kit catalogue.

In Grundfos Product Center, you can also search for the "Service offerings" data booklet, which gives relevant information about service issues.

22. Grundfos Product Center

Online search and sizing tool to help you make the right choice.
From the international view, you can select your specific country to view the product range available to you.
International view: *https://product-selection.grundfos.com*

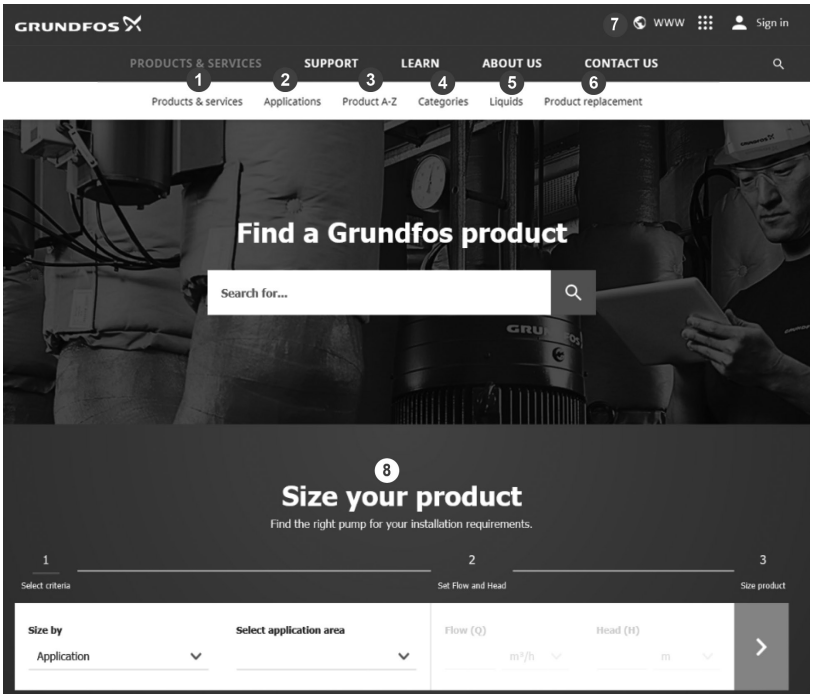
All the information you need in one place

Performance curves, technical specifications, pictures, dimensional drawings, motor curves, wiring diagrams, spare parts, service kits, 3D drawings, documents, system parts. The Product Center displays any recent and saved items - including complete projects - right on the main page.

Downloads

On the product pages, you can download installation and operating instructions, data booklets, service instructions, etc., in PDF format.





When you select your country, you see the menus below. Note that some menus may not be available depending on the country.
Example: *https://product-selection.grundfos.com/uk*

Pos.	Description
1	**Products & services** enables you to find products and documents by typing a product number or name into the search field.
2	**Applications** enables you to choose an application to see how Grundfos can help you design and optimize your system.
3	**Products A-Z** enables you to look through a list of all the Grundfos products.
4	**Categories** enables you to look for a product category.
5	**Liquids** enables you to find pumps designed for aggressive, flammable or other special liquids.
6	**Product replacement** enables you to find a suitable replacement.
7	**WWW** enables you to select the country, which changes the language, the available product range and the structure of the website.
8	**Sizing** enables you to size a product based on your application and operating conditions.

23. Document quality feedback

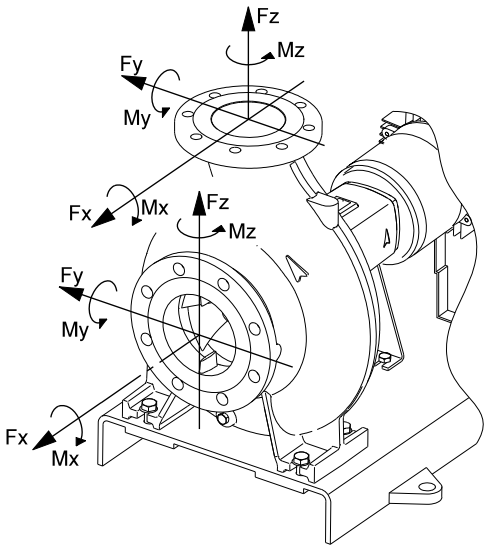
To provide feedback about this document, use your smart device to scan the QR code.



FEEDBACK93048249

Click here to submit your feedback

A.1. Flange forces and torques



TM045621

Flange forces and torques

Cast iron flanges	Diameter DN	Force [N]				Torque [N-m]			
		Fy	Fz	Fx	ΣF [1)]	My	Mz	Mx	ΣM [1)]
Horizontal pump, x-axis, inlet port	25	245	298	263	455	210	245	315	455
	32	298	368	315	578	263	298	385	560
	40	350	438	385	683	315	368	455	665
	50	473	578	525	910	350	403	490	718
	65	595	735	648	1155	385	420	525	770
	80	718	875	788	1383	403	455	560	823
	100	945	1173	1050	1838	438	508	613	910
	125	1120	1383	1243	2170	525	665	735	1068
	150	1418	1750	1575	2643	613	718	875	1278
	200	1890	2345	2100	3658	805	928	1138	1680
	250	2700	3460	2980	5220	1260	1460	1780	2620
	300	3220	4000	3580	6260	1720	1980	2420	3560
	350	3760	4660	4180	7300	2200	2540	3100	4560
	400	4300	5320	4780	8340	2760	3180	3880	5720
	450	4840	5980	5380	9380	3400	3920	4780	7040
	500	5380	6640	5980	10420	4100	4720	5780	8520

Cast iron flanges	Diameter DN	Force [N]				Torque [N-m]			
		Fy	Fz	Fx	ΣF [1)]	My	Mz	Mx	ΣM [1)]
Horizontal pump, x-axis, outlet port	32	315	298	368	578	263	298	385	560
	40	385	350	438	683	315	368	455	665
	50	525	473	578	910	350	403	490	718
	65	648	595	735	1155	385	420	525	770
	80	788	718	875	1383	403	455	560	823
	100	1050	945	1173	1838	438	508	613	910
	125	1243	1120	1383	2170	525	665	735	1068
	150	1575	1418	1750	2748	613	718	875	1278
	200	2100	1890	2345	3658	805	928	1138	1680
	250	2980	2700	3340	5220	1260	1460	1780	2620
	300	3580	3220	4000	6260	1720	1980	2420	3920
	350	4180	3760	4660	7300	2200	2540	3100	4560
	400	4780	4300	5320	8340	2760	3180	3880	5720
	450	5380	5080	5980	9380	3400	3920	4780	7040
	500	5980	5380	6640	10420	4100	4720	5780	8520

1) ΣF and ΣM are vector sums of the forces and torques

Stainless steel flanges	Diameter DN	Force [N]				Torque [N-m]			
		Fy	Fz	Fx	ΣF [2)]	My	Mz	Mx	ΣM [2)]
Horizontal pump, x-axis, inlet port	25	490	595	525	910	420	490	630	910
	32	595	735	630	1155	525	595	770	1120
	40	700	875	770	1365	630	735	910	1330
	50	945	1155	1050	1820	700	805	980	1435
	65	1190	1470	1295	2310	770	840	1050	1540
	80	1435	1750	1575	2765	805	910	1120	1645
	100	1890	2345	2100	3675	875	1015	1225	1820
	125	2240	2765	2485	4340	1050	1330	1470	2135
	150	2835	3500	3150	5285	1225	1435	1750	2555
	200	3780	4690	4200	7315	1610	1855	2275	3360
	250	4725	6055	5215	9135	2205	2555	3115	4585
	300	5635	7000	6265	10955	3010	3465	4235	6230
	350	6580	8155	7315	12775	3850	4445	5425	7980
	400	7525	9310	8365	14595	4830	5565	6790	10010
	450	8470	10465	9415	16415	5950	6860	8365	12320
	500	9415	11620	10465	18235	7175	8260	10115	14910
Horizontal pump, x-axis, outlet port	32	630	595	735	1155	525	595	770	1120
	40	770	700	875	1365	630	735	910	1330
	50	1050	945	1155	1820	700	805	980	1435
	65	1295	1190	1470	2310	770	840	1050	1540
	80	1575	1435	1750	2765	805	910	1120	1645
	100	2100	1890	2345	3675	875	1015	1225	1820
	125	2485	2240	2765	4340	1050	1330	1470	2135
	150	3150	2835	3500	5495	1225	1435	1750	2555
	200	4200	3780	4690	7315	1610	1855	2275	3360
	250	5215	4725	5845	9135	2205	2555	3115	4585
	300	6265	5635	7000	10955	3010	3465	4235	6860
	350	7315	6580	8155	12775	3850	4445	5425	7980
	400	8365	7525	9310	14595	4830	5565	6790	10010
	450	9415	8890	10465	16415	5950	6860	8365	12320
	500	10465	9415	11620	18235	7175	8260	10115	14910

2) ΣF and ΣM are vector sums of the forces and torques

If not all loads reach the maximum permissible value, one of the values is allowed to exceed the normal limit. Contact Grundfos for further information.

93048249 **06.2025**
ECM: 1416056

GRUNDFOS Holding A/S
Poul Due Jensens Vej 7
DK-8850 Bjerringbro
Tel: +45 87 50 14 00
www.grundfos.com

Trademarks displayed in this material, including but not limited to Grundfos and the Grundfos logo, are registered trademarks owned by The Grundfos Group. © 2025 Grundfos Holding A/S, all rights reserved.