



GENERAL DATA

MAX. FLOW:	460 GPM (1741.3 LPM)
MAX. HEAD:	89' (27.1m)
MAX. SUBMERSION DEPTH:	65' (20 m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE:	DEWATERING, SIDE DISCHARGE
MINIMUM SUBMERSION DEPTH FOR CONT. DUTY ³ :	25.5" (647.7 mm)
PUMP DOWN WATER LEVEL:	8" (203 mm)
SOLID SIZE:	0.37" (9.5 mm)
STRAINER OPENING:	0.37" (9.5 mm)
IMPELLER DIAMETER:	5.4" (137 mm)
DISCHARGE SIZE:	4" NPT-FEMALE
SLIDE RAIL SYSTEM	4" CAST IRON
PUMP WEIGHT (without cable):	175 lbs (79.4 kg)
SHIPPING WEIGHT:	220 lbs (100 kg)

CONSTRUCTION / MATERIAL DATA

UPPER MECHANICAL SEAL	CARBON/CERAMIC, FKM
LOWER MECHANICAL SEAL	SILICON CARBIDE/ SILICONE CARBIDE, FKM
MOTOR CASING	304 SS
PUMP VOLUTE	CAST IRON
IMPELLER	CAST IRON
STRAINER	304 SS
LIP SEAL & O-RINGS	BUNA-N
ROTOR SHAFT	304 SS
EXTERNAL HARDWARE	304 SS
BEARING, PERM. LUBRICATED, UPPER:	6305
BEARING, PERM. LUBRICATED, LOWER:	6207 (x2)

ELECTRICAL / MOTOR DATA

MOTOR: HP, TYPE, RATING	7.5, SUBMERSIBLE, (CONTINUOUS DUTY ³)		
MOTOR RPM	3450		
MOTOR INSULATION CLASS	H		
MOTOR SERVICE FACTOR	1.1		
VOLTAGE - 3PH - 60Hz ¹	230V	460V	575V
CURRENT F.L.A.	21	10.5	7.6
LOCKED ROTOR CURRENT (LRA)	126	63	47
POWER CABLE: GAGE-LENGTH	AWG 10/4, 33' (10m) SOOW		
SENSOR CABLE: (OPTIONAL ²) GAGE-LENGTH	AWG 18/2, 33' (10m) STOW		
MOTOR PROTECTION	THERMAL & AMP. OVERLOAD		
SEAL LEAK DETECTOR (OPTIONAL ²)	Seal Minder® MOISTURE SENSING PROBE		
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)		

1 - Available in other voltages for 50Hz

2 - Requires a seal fail circuit in control panel for warning signal.

3 - Continuous duty motor - see minimum submersion depth above.



INDUSTRIAL
FLOW
SOLUTIONS™

PERFORMANCE CURVE

BJM Pumps® J55

Dwg:

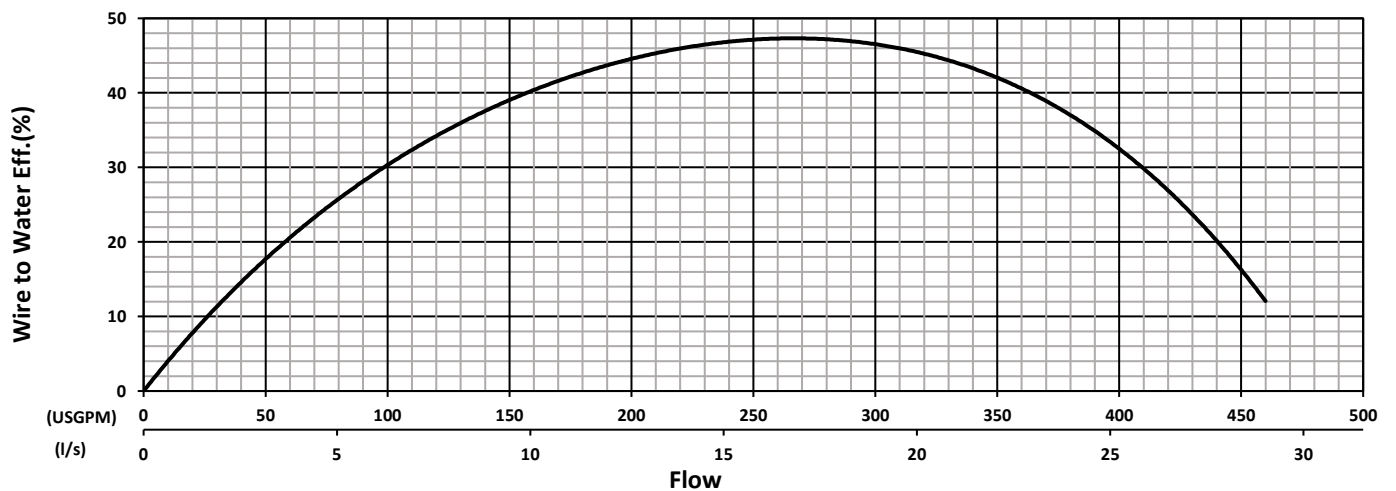
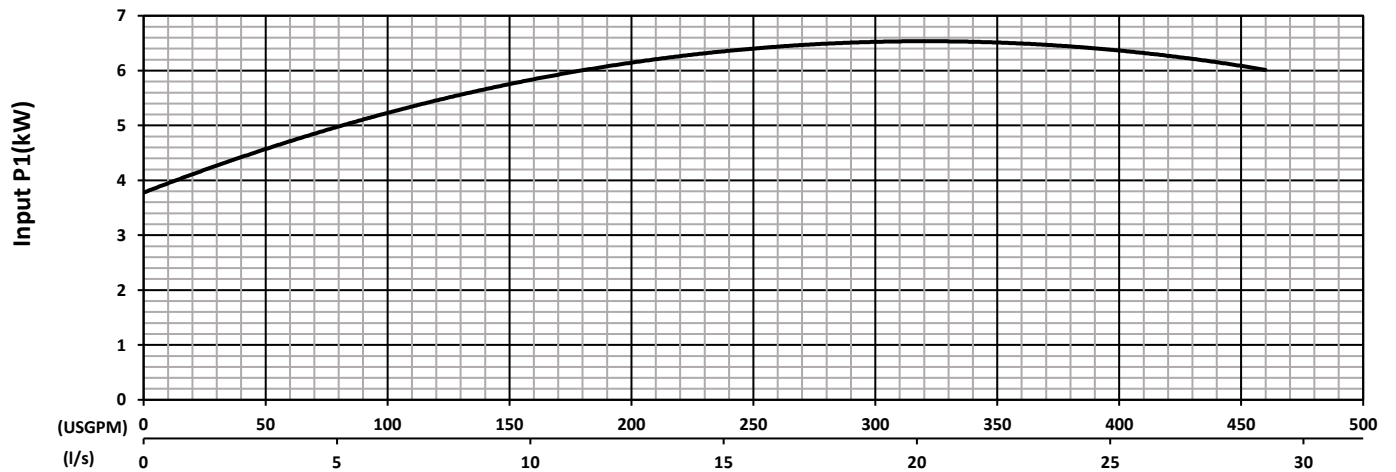
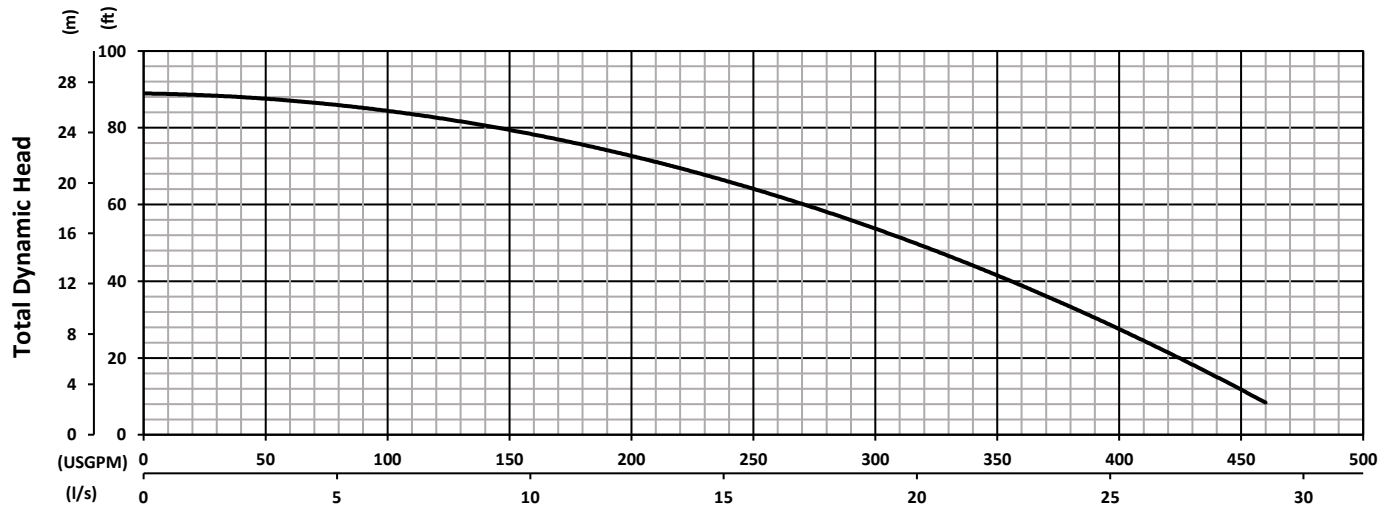
DS-C02-004

Rev:

1

Date:

6/9/2025



Flow

Test Standard : HI 11.6 Gr 3B
Tested with water at 20°C

55 - Dual Units

Frequency
Pump Speed
Impeller

60 Hz
3450 RPM
137mm

Specifications subject to change without notice