

BALDOR® • RELIANCE

Product Information Packet

M1207T

3/.75HP,1725/850RPM,3PH,60HZ,184T,3623M

Part Detail							
Revision:	V	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3623M	Elec. Spec:	36WGX025	CD Diagram:	CD0032
Enclosure:	OPEN	Mfg Plant:		Mech. Spec:	36B001	Layout:	36LYB001
Frame:	184T	Mounting:	F1	Poles:	04/08	Created Date:	
Base:	RG	Rotation:	R	Insulation:	B	Eff. Date:	04-02-2015
Leads:	6#16					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1256L

CAT.NO.	M1207T										
SPEC.	36B01X25										
HP	3/.75										
VOLTS	460										
AMP	4/1.5										
RPM	1725/850										
FRAME	184T				HZ		60			PH	3
SER.F.	1.15		CODE		F	DES		B	CLASS		B
NEMA-NOM-EFF				PF							
RATING	40C AMB-CONT										
CC				USABLE AT 208V							
DE	6206			ODE		6205					
ENCL	OPEN		SN								

Parts List		
Part Number	Description	Quantity
SA034228	SA 36B01X25	1.000 EA
RA030256	RA 36B01X25	1.000 EA
36CB3004	36 CB CASTING W/1.09 DIA LEAD HOLE @ 6:0	1.000 EA
51XB1016A08	10-16X 1/2HXWSSLD SERTYB	2.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
HW3001B01	BRASS CUP WASHER, FOR #8 SCREW	1.000 EA
36EP3200A01	FR ENDPLATE, ASSEMBLY FOR ROUTING	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
HW5100A05	WVY WSHR F/205 & 304 BRGS	1.000 EA
36PE3201A01	PU ENDPLATE, ASSEMBLY FOR ROUTING	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
XY2520A12	1/4-20 HEX NUT, DIRECTIONAL SERRATIONS	4.000 EA
36CB4516	36 LIPPED CB LID	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000 EA
HW2501E16	3KEY, 1/4 SQ X 1.750	1.000 EA
HA7000A02	KEY RETAINER RING, 1 1/8 DIA, 1 3/8 DIA	1.000 EA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
MJ1000A02	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.050 LB
MG1000G27	MED CHARCOAL METALLIC GREY 400-0096	0.022 GA
HA3101A23	THRUBOLT 1/4-20 X 9.625 DEMBY	4.000 EA
LB1119N	WARNING LABEL	1.000 EA
LC0032	CONNECTION LABEL	1.000 EA
NP1256L	ALUM UL CSA CC	1.000 EA
36PA1000	PKG GRP, PRINT PK1016A06	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 11/14	1.000 EA

Accessories		
Part Number	Description	Multiplier
36-3403	C FACE KIT	A8
36EP1405A09SP	D-FLANGE KIT	A8

AC Induction Motor Performance Data

Record # 10898 - Typical performance - not guaranteed values

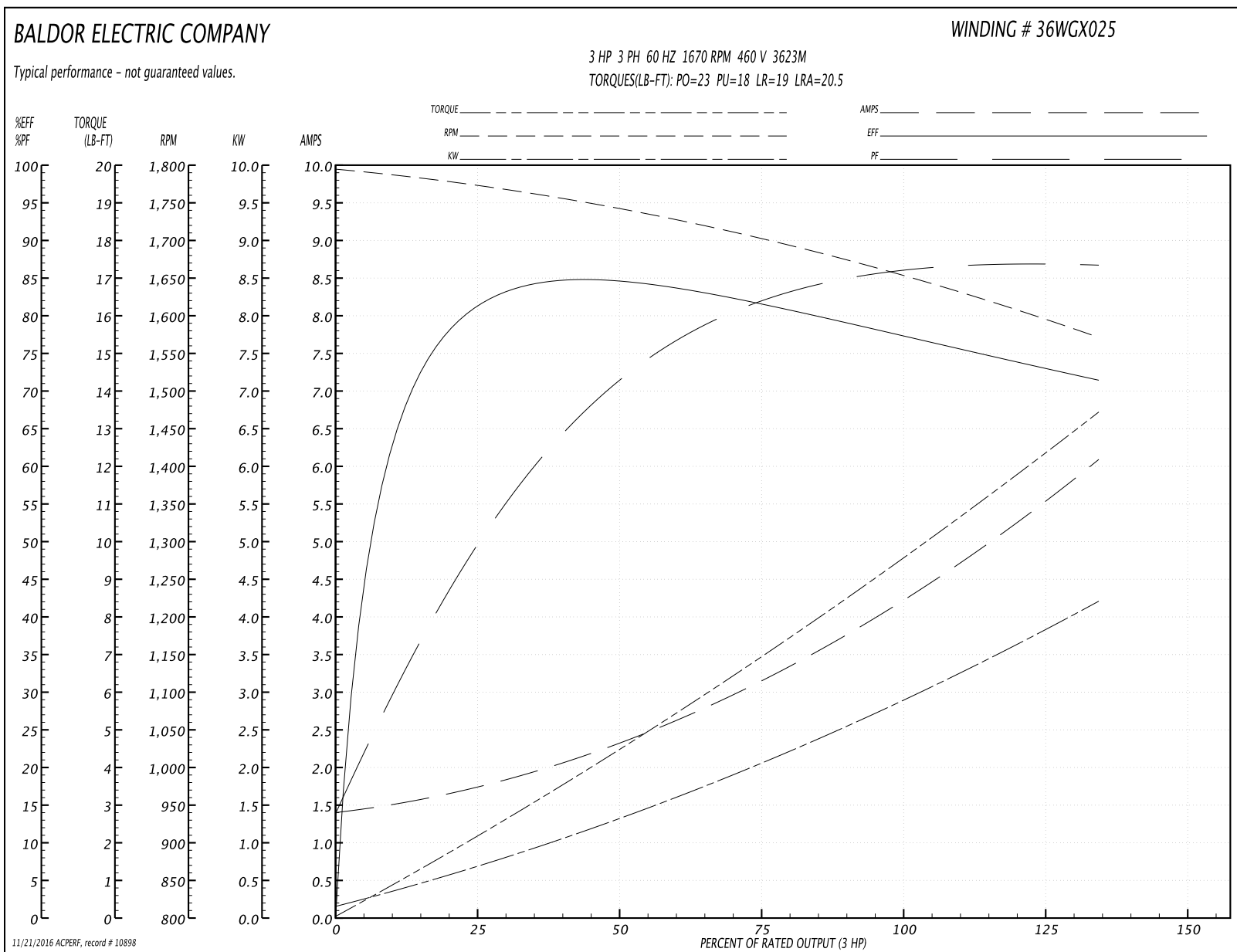
Winding: 36WGX025-R001	Type: 3623M	Enclosure: OPEN
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Nameplate Data				460 V, 60 Hz: High Speed Connection	
Rated Output (HP)	3/7.5			Full Load Torque	9 LB-FT
Volts	460			Start Configuration	direct on line
Full Load Amps	4/1.5			Breakdown Torque	23 LB-FT
R.P.M.	1725/850			Pull-up Torque	18 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	19 LB-FT
NEMA Design Code	B	KVA Code	F	Starting Current	20.5 A
Service Factor (S.F.)	1			No-load Current	1.4 A
NEMA Nom. Eff.	0	Power Factor	0	Line-line Res. @ 25°C	8.36 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	56°C

Load Characteristics 460 V, 60 Hz, 3 HP

% of Rated Load	25	50	75	100	125	150
Power Factor	58	75	83	85	88	88
Efficiency	79	83	82	79	75	71
Speed	1769	1740	1705	1670	1619	1568
Line amperes	1.75	2.3	3.1	4	5	6.1

Performance Graph at 460V, 60Hz, 3.0HP Typical performance - Not guaranteed values



AC Induction Motor Performance Data

Record # 10899 - Typical performance - not guaranteed values

Winding: 36WGX025-R001	Type: 3623M	Enclosure: OPEN
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Nameplate Data				460 V, 60 Hz: Low Speed Connection	
Rated Output (HP)	3/.75			Full Load Torque	4.6 LB-FT
Volts	460			Start Configuration	direct on line
Full Load Amps	4/1.5			Breakdown Torque	8.5 LB-FT
R.P.M.	1725/850			Pull-up Torque	6 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	6.2 LB-FT
NEMA Design Code	B	KVA Code	F	Starting Current	4.6 A
Service Factor (S.F.)	1			No-load Current	0.95 A
NEMA Nom. Eff.	0	Power Factor	0	Line-line Res. @ 25°C	34 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	37°C

Load Characteristics 460 V, 60 Hz, 0.75 HP

% of Rated Load	25	50	75	100	125
Power Factor	31	46	56	65	69
Efficiency	60	70	72	71	67
Speed	887	875	860	842	820
Line amperes	1	1.1	1.25	1.5	1.75

Performance Graph at 460V, 60Hz, 0.75HP Typical performance - Not guaranteed values

