

# **BALDOR® • RELIANCE**

## **Product Information Packet**

### **M1225T**

**7.5/3.3HP, 1740/1160RPM, 3PH, 60HZ, 256T, 374**

Copyright © All product information within this document is subject to Baldor Electric Company copyright © protection, unless otherwise noted.

Part Detail							
Revision:	D	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3740M	Elec. Spec:	37WGS278	CD Diagram:	
Enclosure:	OPSB	Mfg Plant:		Mech. Spec:	37L152	Layout:	
Frame:	256T	Mounting:	F1	Poles:	04/06	Created Date:	01-22-2007
Base:	RG	Rotation:	R	Insulation:	B	Eff. Date:	05-10-2012
Leads:	6#14	Literature:		Elec. Diagram:		Replaced By:	

Nameplate NP1256L									
CAT.NO.	M1225T								
SPEC.	37L152S278								
HP	7.5/3.3								
VOLTS	460								
AMP	9.9/5.7								
RPM	1740/1160								
FRAME	256T	HZ	60	PH	3				
SER.F.	1.15	CODE	K	DES	B	CLASS	B		
NEMA-NOM-EFF		PF							
RATING	40C AMB-CONT								
CC		USABLE AT 208V							
DE	6309	ODE	6206						
ENCL	OPSB	SN							

Parts List		
Part Number	Description	Quantity
SA152855	SA 37L152S278	1.000 EA
RA141615	RA 37L152S278	1.000 EA
HA6361A01	LIFTING LUG FOR 37, 39 & 40 FRAME (AUTOP	2.000 EA
09CB3002SP	CB W/1.38 LEAD HOLE FOR 37, 39, 307 & 30	1.000 EA
HA6429	KO BOX ADAPTER REXITE	1.000 EA
19XW2520A16	SCREW,1/4-20X1 TAPTITE-II OR ROLOC 91	2.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
HW3001B01	003SS CUP WASHER, FOR #8 SCREW	1.000 EA
WD1000B17	KPA-8C BURNDY TERMINAL	1.000 EA
37EP3200A01SP	FR ENDPLATE, 37L&M, OPEN, MACH, W/GREASE	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
HW5100A06	W2420-025 WVY WSHR (WB)	1.000 EA
37EP3202A01	STD PULLEY EP MODEL 37 OPEN 309 BRG	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
XY3118A12	5/16-18 HEX NUT DIRECTIONAL SERRATION	4.000 EA
09CB3501SP	CONDUIT BOX LID FOR 09CB3001 & 09CB3002	1.000 EA
51XW2520A10	.25-20 X .62, TAPTITE II, HEX WSHR SLTD	2.000 EA
HW2501G25	KEY, 3/8 SQ X 2.875	1.000 EA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
LB1115	LABEL,LIFTING DEVICE	1.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON	0.050 LB
MG1000G27	PAINT- S9282E CHARCOAL GREY	0.028 GA
HA3104A52	THRUBOLT, .31-18 X 17.000	4.000 EA
37AD2001C01	BAFFLE PLATE, STAMPED	2.000 EA

Parts List (continued)		
Part Number	Description	Quantity
LB1119	WARNING LABEL	1.000 EA
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000 EA
LC0013	CONNECTION LABEL	1.000 EA
NP1256L	ALUM UL CSA CC	1.000 EA
G0PA1000	PACKAGING GROUP	1.000 EA

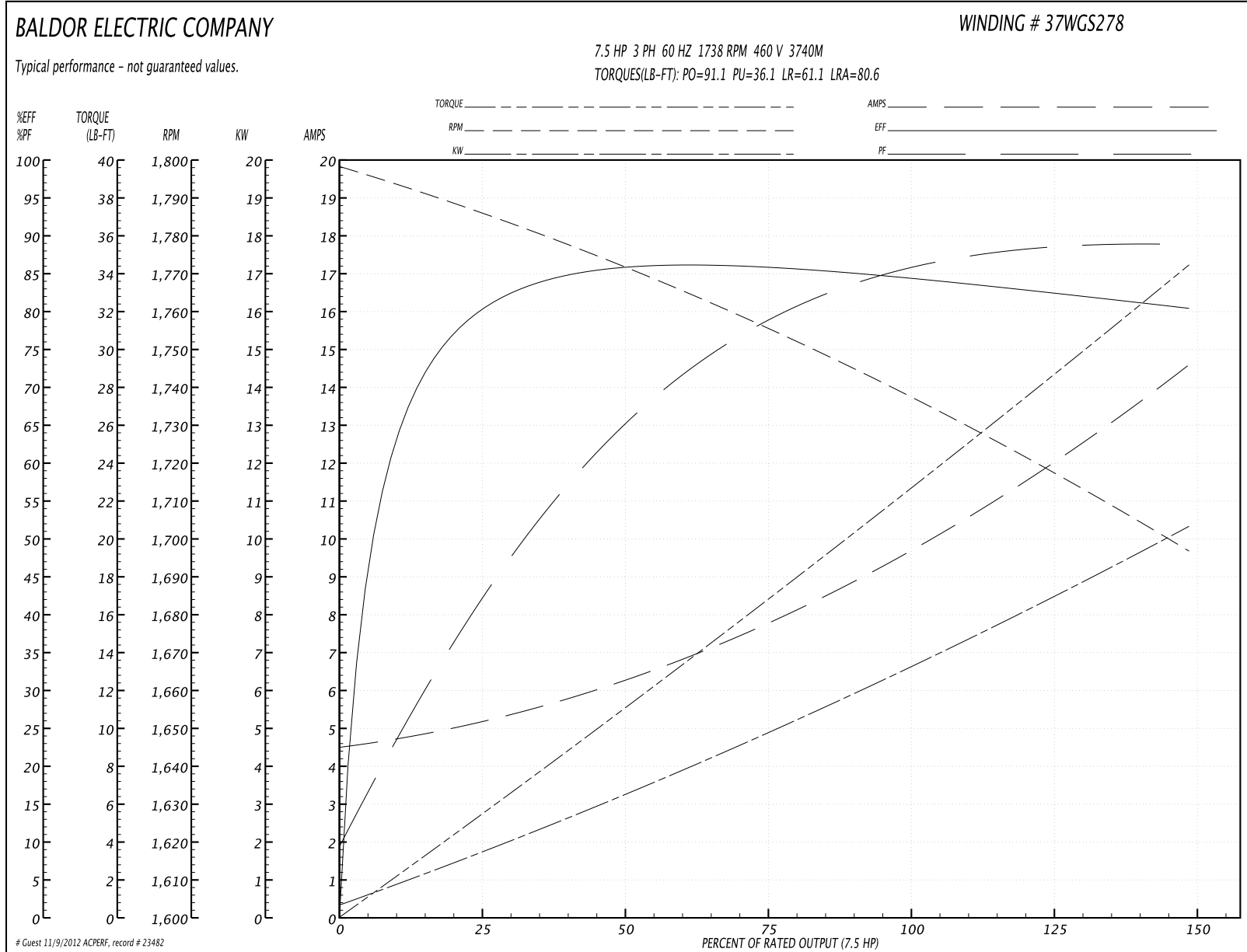
Accessories		
Part Number	Description	Multiplier
39-3400	C FACE KIT	A8

**Performance Data at 460V, 60Hz, 7.5HP (Typical performance - Not guaranteed values)**

General Characteristics			
Full Load Torque:	22.8 LB-FT	Start Configuration:	DOL
No-Load Current:	4.63 Amps	Break-Down Torque:	91.1 LB-FT
Line-line Res. @ 25°C.:	2.89 Ohms A Ph / 0.0 Ohms B Ph	Pull-Up Torque:	36.1 LB-FT
Temp. Rise @ Rated Load:	59 C	Locked-Rotor Torque:	61.1 LB-FT
Temp. Rise @ S.F. Load:	72 C	Starting Current:	80.6 Amps

Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	43.0	67.0	78.0	85.0	88.0	90.0	87.0
Efficiency:	78.4	85.0	86.1	84.8	82.6	80.3	83.5
Speed:	1786.0	1771.0	1756.0	1738.0	1719.0	1696.0	1727.0
Line Amperes:	4.98	6.19	7.72	9.86	12.0	14.5	11.1

Performance Graph at 460V, 60Hz, 7.5HP Typical performance - Not guaranteed values



**Performance Data at 460V, 60Hz, 3.3HP (Typical performance - Not guaranteed values)**

General Characteristics			
Full Load Torque:	15.0 LB-FT	Start Configuration:	DOL
No-Load Current:	3.89 Amps	Break-Down Torque:	61.1 LB-FT
Line-line Res. @ 25°C.:	5.85 Ohms A Ph / 0.0 Ohms B Ph	Pull-Up Torque:	19.6 LB-FT
Temp. Rise @ Rated Load:	52 C	Locked-Rotor Torque:	29.6 LB-FT
Temp. Rise @ S.F. Load:	61 C	Starting Current:	32.6 Amps

Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	28.0	45.0	58.0	68.0	74.0	78.0	72.0
Efficiency:	67.3	77.8	80.9	80.9	79.6	77.5	80.1
Speed:	1190.0	1182.0	1172.0	1162.0	1149.0	1132.0	1154.0
Line Amperes:	4.01	4.38	4.93	5.68	6.57	7.72	6.21



Performance Graph at 460V, 60Hz, 3.3HP Typical performance - Not guaranteed values

