

# **BALDOR**® • **RELIANCE**

**Product Information Packet**

**ELECTRIC MOTOR WHOLESAL.COM**

**M1229T**

**25/11HP,1760/1160RPM,3PH,60HZ,286T,4052M**

Part Detail							
Revision:	C	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	4052M	Elec. Spec:	40WG163	CD Diagram:	
Enclosure:	OPSB	Mfg Plant:		Mech. Spec:	40D101	Layout:	
Frame:	286T	Mounting:	F1	Poles:	04/06	Created Date:	12-10-2009
Base:	RG	Rotation:	R	Insulation:	B	Eff. Date:	06-18-2010
Leads:	6#10	Literature:		Elec. Diagram:		Replaced By:	

Nameplate NP1256L									
CAT.NO.	M1229T								
SPEC.	40D101X163								
HP	25/11								
VOLTS	460								
AMP	30/21								
RPM	1760/1160								
FRAME	286T	HZ			60	PH	3		
SER.F.	1.15	CODE			K	DES	A	CLASS	B
NEMA-NOM-EFF	PF								
RATING	40C AMB-CONT								
CC	USABLE AT 208V								
DE	6311	ODE			6309				
ENCL	OPSB	SN							

Parts List		
Part Number	Description	Quantity
SA188551	SA 40D101X163	1.000 EA
RA176283	RA 40D101X163	1.000 EA
HA6361A01	LIFTING LUG FOR 37, 39 & 40 FRAME (AUTOP	2.000 EA
HA6017A01	CAST ADAPTOR	1.000 EA
19XW3118A12	.31-18 X .75 HEX WASHER HEAD TAPTITE II	2.000 EA
HW1001A31	LOCKWASHER 5/16, ZINC PLT.591 OD, .319 I	2.000 EA
10CB3000SP	STD KO BOX MODEL 310,312,314 MTRS W/2.00	1.000 EA
19XW3118A12	.31-18 X .75 HEX WASHER HEAD TAPTITE II	4.000 EA
HW1001A31	LOCKWASHER 5/16, ZINC PLT.591 OD, .319 I	4.000 EA
WD1000B16	KPA-4C BURNDY TERMINAL	1.000 EA
51XF2520A08	SCREW, HEX SER SLT HD, ZN 1/4-20 X .50 L	1.000 EA
40EP3200A02	STD FREP OPEN 309 BRG	1.000 EA
HW5100A11	W3917-042 WVY WSHR (WB)	1.000 EA
40EP3200B05	STD PUEP OPEN 311 BRG	1.000 EA
XY3816A12	3/8-16 FINISHED NUT	8.000 EA
10CB3500SP	CONDUIT BOX LID, CAST	1.000 EA
51XW2520A12	.25-20 X .75, TAPTITE II, HEX WSHR SLTD	4.000 EA
HW2501H28	KEY, 1/2 SQ X 3.250	1.000 EA
LB1115	LABEL,LIFTING DEVICE	1.000 EA
LB5040	INSTRUCTION TAG, AC & DC	1.000 EA
HW4500A03	GREASE FITTING, .125 NPT 1610(ALEMITE) 8	1.000 EA
HW4500A20	1/8NPT SL PIPE PLUG	1.000 EA
HA4051A00	PLASTIC CAP FOR GREASE FITTING	1.000 EA
HW4500A03	GREASE FITTING, .125 NPT 1610(ALEMITE) 8	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
HW4500A20	1/8NPT SL PIPE PLUG	1.000 EA
HA4051A00	PLASTIC CAP FOR GREASE FITTING	1.000 EA
MG1000G27	PAINT- S9282E CHARCOAL GREY	0.070 GA
85XU0407A04	#4-7 X 1/4 DRIVE PIN	2.000 EA
HA3154A04	THRUBOLT STUD 3/8-16 X 18.750	4.000 EA
40AD2002A01	LEXAN BAFFLE 40 FR OPEN	1.000 EA
40AD2002A01	LEXAN BAFFLE 40 FR OPEN	1.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON	0.050 LB
LB1119	WARNING LABEL	1.000 EA
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	4.000 EA
LC0013	CONNECTION LABEL	1.000 EA
NP1256L	ALUM, UL CSA CC, W/O THERMAL, LASER	1.000 EA
40PA1000	PACKAGING GROUP	1.000 EA

Accessories		
Part Number	Description	Multiplier
40-1400	C FACE KIT	A8

**Performance Data at 460V, 60Hz, 25.0HP (Typical performance - Not guaranteed values)**

General Characteristics							
Full Load Torque:	74.3 LB-FT			Start Configuration:	DOL		
No-Load Current:	10.0 Amps			Break-Down Torque:	251.0 LB-FT		
Line-line Res. @ 25°C.:	0.52821 Ohms A Ph / 0.0 Ohms B Ph			Pull-Up Torque:	118.0 LB-FT		
Temp. Rise @ Rated Load:	49 C			Locked-Rotor Torque:	166.0 LB-FT		
Temp. Rise @ S.F. Load:	60 C			Starting Current:	203.0 Amps		
Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	57.0	75.0	83.0	86.0	87.0	87.0	87.0
Efficiency:	81.3	88.6	90.6	90.9	90.1	89.1	90.4
Speed:	1793.6	1789.1	1784.2	1778.4	1771.7	1764.4	1774.0
Line Amperes:	12.9	17.7	23.6	30.1	37.8	45.2	34.7

Performance Graph at 460V, 60Hz, 25.0HP Typical performance - Not guaranteed values





