

# **BALDOR® • RELIANCE**

**Product Information Packet**

**ELECTRIC MOTOR WHOLESAL.COM**

**M1726T**

**10/4.4HP, 1760/1170RPM, 3PH, 60HZ, 254T**

Part Detail							
Revision:	S	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	0750M	Elec. Spec:	07WGX115	CD Diagram:	
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	07H203	Layout:	
Frame:	254T	Mounting:	F1	Poles:	04/06	Created Date:	
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	05-24-2011
Leads:	6#14	Literature:		Elec. Diagram:		Replaced By:	

Nameplate NP1256L									
CAT.NO.	M1726T								
SPEC.	07H203X115								
HP	10/4.4								
VOLTS	460								
AMP	12.5/6.7								
RPM	1760/1170								
FRAME	254T	HZ			60	PH	3		
SER.F.	1.15	CODE			H	DES	B	CLASS	F
NEMA-NOM-EFF	PF								
RATING	40C AMB-CONT								
CC	USABLE AT 208V								
DE	6309	ODE			6307				
ENCL	TEFC	SN							

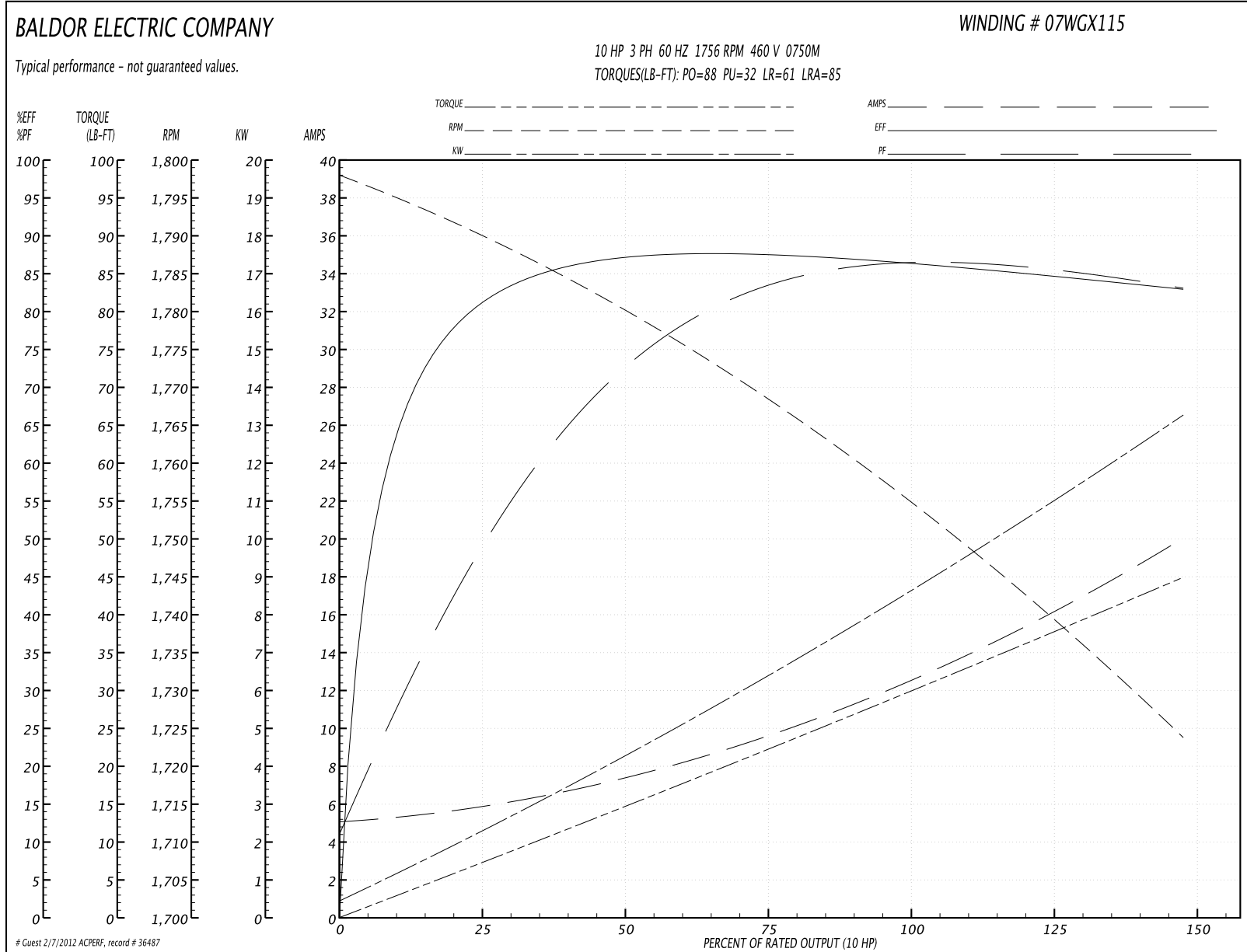
Parts List		
Part Number	Description	Quantity
SA064725	SA 07H203X115	1.000 EA
RA058876	RA 07H203X115	1.000 EA
HW3201A01	1/2-13 EYEBOLT	1.000 EA
09CB3002SP	CB W/1.38 LEAD HOLE FOR 37, 39, 307 & 30	1.000 EA
09GS1000SP	GASKET-CONDUIT BOX, 1/16 THICK LEXIDE	1.000 EA
51XW2520A12	.25-20 X .75, TAPTITE II, HEX WSHR SLTD	2.000 EA
WD1000B17	KPA-8C BURNDY TERMINAL	1.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	1.000 EA
37EP1101A03	FR/PU ENDPLATE, MACH	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
HW5100A08	W3118-035 WVY WSHR (WB)	1.000 EA
07EP1116A01	ENDPLATE, MACH	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
XY3118A12	5/16-18 HEX NUT DIRECTIONAL SERRATION	4.000 EA
51XB1214A20	12-14X1.25 HXWSSLD SERTYB	1.000 EA
07FH4007SP	IEC FH W/GRSR, NOTCH @ 6:00 & 3 FAN CVR	1.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	3.000 EA
09CB3501SP	CONDUIT BOX LID FOR 09CB3001 & 09CB3002	1.000 EA
09GS1013SP	09 GS FOR 09CB3501 LID - LEXIDE	1.000 EA
51XW2520A12	.25-20 X .75, TAPTITE II, HEX WSHR SLTD	2.000 EA
HW2501G25	KEY, 3/8 SQ X 2.875	1.000 EA
HA7000A03	KEY RETAINER RING 1.62 & 1.88 DIA. SH	1.000 EA
LB1115	LABEL,LIFTING DEVICE	1.000 EA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA

Parts List (continued)		
Part Number	Description	Quantity
MJ1000A75	GREASE, POLYREX EM EXXON	0.050 LB
37FN3002A01SP	EXFN, PLASTIC, 9.00 OD, 1.155 ID	1.000 EA
MG1000G27	PAINT- S9282E CHARCOAL GREY	0.036 GA
HA3104A58T	THRUBOLT .31-18 X 14.500 W/SHRINK TUBING	4.000 EA
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, W/O THERMAL, LASER	1.000 EA
07PA1011	PKG GRP, 07 CAST IRON PK1181	1.000 EA
10XL3807A32	3/8 X 2" LAG SCREW TDR #49106	2.000 EA

Accessories		
Part Number	Description	Multiplier
37-1302	C FACE KIT	A8

Performance Data at 460V, 60Hz, 10.0HP (Typical performance - Not guaranteed values)							
General Characteristics							
Full Load Torque:	30.0 LB-FT			Start Configuration:	DOL		
No-Load Current:	5.1 Amps			Break-Down Torque:	88.0 LB-FT		
Line-line Res. @ 25°C.:	1.47 Ohms A Ph / 0.0 Ohms B Ph			Pull-Up Torque:	32.0 LB-FT		
Temp. Rise @ Rated Load:	85 C			Locked-Rotor Torque:	61.0 LB-FT		
Temp. Rise @ S.F. Load:	105 C			Starting Current:	85.0 Amps		
Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	51.0	74.0	81.0	87.0	87.0	83.0	87.0
Efficiency:	80.2	86.4	87.4	86.7	85.2	82.6	85.8
Speed:	1789.0	1779.0	1767.0	1756.0	1742.0	1722.0	1748.0
Line Amperes:	5.8	7.4	10.0	12.5	15.8	20.2	14.5

Performance Graph at 460V, 60Hz, 10.0HP Typical performance - Not guaranteed values



**Performance Data at 460V, 60Hz, 4.4HP (Typical performance - Not guaranteed values)**
**General Characteristics**

<b>Full Load Torque:</b>	19.3 LB-FT	<b>Start Configuration:</b>	DOL
<b>No-Load Current:</b>	3.9 Amps	<b>Break-Down Torque:</b>	58.0 LB-FT
<b>Line-line Res. @ 25°C.:</b>	4.26 Ohms A Ph / 0.0 Ohms B Ph	<b>Pull-Up Torque:</b>	39.0 LB-FT
<b>Temp. Rise @ Rated Load:</b>	64 C	<b>Locked-Rotor Torque:</b>	48.0 LB-FT
<b>Temp. Rise @ S.F. Load:</b>	76 C	<b>Starting Current:</b>	39.0 Amps

**Load Characteristics**

% of Rated Load	25	50	75	100	125	150	S.F.
<b>Power Factor:</b>	33.0	54.0	68.0	73.0	76.0	77.0	75.0
<b>Efficiency:</b>	74.0	80.9	83.1	82.9	81.4	79.6	82.0
<b>Speed:</b>	1193.0	1187.0	1181.0	1172.0	1163.0	1152.0	1167.0
<b>Line Amperes:</b>	4.2	4.7	5.4	6.7	8.1	9.7	7.54



Performance Graph at 460V, 60Hz, 4.4HP Typical performance - Not guaranteed values

