

BALDOR® • RELIANCE

Product Information Packet

EHFM2523T-8

15HP,1765RPM,3PH,60HZ,254T,3938M,OPSB,F2

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Part Detail

Revision:	B	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3938M	Elec. Spec:	39WGX150	CD Diagram:	
Enclosure:	OPSB	Mfg Plant:		Mech. Spec:	39E172	Layout:	
Frame:	254T	Mounting:	F2	Poles:	04	Created Date:	11-29-2011
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	04-19-2012
Leads:	6#12	Literature:		Elec. Diagram:		Replaced By:	

Nameplate NP2094E06B03

CAT.NO.	EHFM2523T-8									
SPEC.	39E172X150G1									
HP	15									
VOLTS	200									
AMPS	40.7									
RPM	1765									
FRAME	254T	HZ			60	PH		3		
SER.F.	1.15	CODE			H	DES		B	CL	F
NEMA-NOM-EFF	93	PF			85					
RATING	40C AMB-CONT									
CC	010A	USABLE AT 208V			40.7					
DE	6309	ODE			6208					
AUTO		MANUAL				NONE				
ENCL	OPSB	SN								
BLANK										

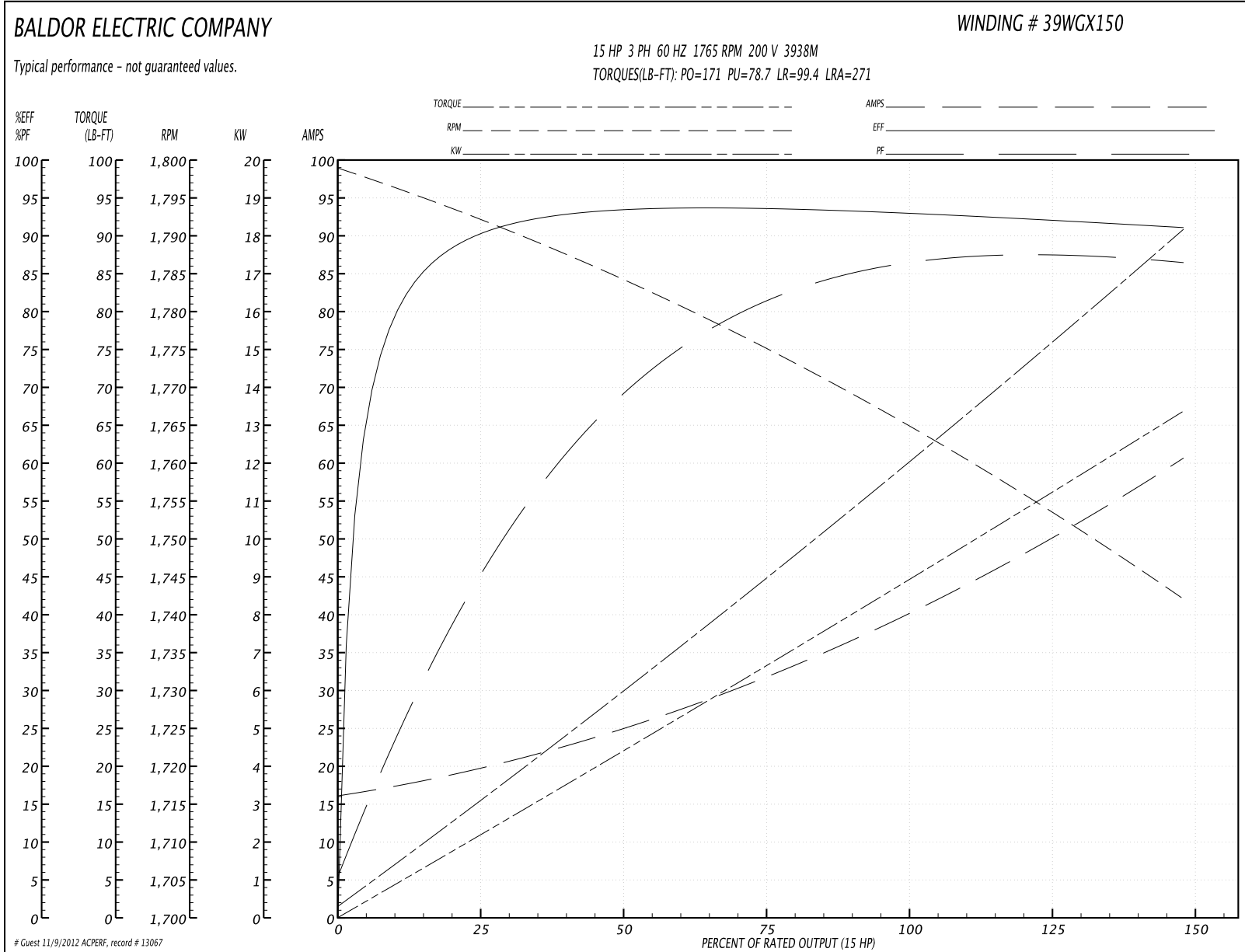
Parts List		
Part Number	Description	Quantity
SA235033	SA 39E172X150G1	1.000 EA
RA221997	RA 39E172X150G1	1.000 EA
S/P107-000-006	SUPER-E(284 FR. & UP)-ZK PLANT,POLYREX E	1.000 EA
HA6361A01	LIFTING LUG FOR 37, 39 & 40 FRAME (AUTOP	2.000 EA
39CB4000A01	CONDUIT BOX 39, STAMPED	1.000 EA
19XW2520A08	SCREW,1/4-20X1 1/2 TAPTITE-II OR ROLOC 91	2.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	2.000 EA
WD1000B16	KPA-4C BURNDY TERMINAL	1.000 EA
39EP3200A01SP	FR/PU ENDPLATE, MACH	1.000 EA
HW4500A20	1/8NPT SL PIPE PLUG	2.000 EA
HW5100A08	W3118-035 WVY WSHR (WB)	1.000 EA
39EP3201A23	PU ENDPLATE, MACH W/AEGIS SH RING MTG	1.000 EA
HW4500A20	1/8NPT SL PIPE PLUG	2.000 EA
84XN0540J08	5-40 X 1/2" SHCS, BLACK OXIDE	2.000 EA
XY3816A12	3/8-16 FINISHED NUT	8.000 EA
39CB4500A01	CONDUIT BOX LID 39, STAMPED, AUTOPHORETI	1.000 EA
51XF1032A08	10/32X1 1/2 HXWSHR HD, SL, TYPE F ,SERATED	2.000 EA
HW2501G25	KEY, 3/8 SQ X 2.875	1.000 EA
39AD2002A01	BAFFLE PLATE 39 OPEN, SLOTTED BAND MTRS	1.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON	0.030 LB
39AD2002A01	BAFFLE PLATE 39 OPEN, SLOTTED BAND MTRS	1.000 EA
HA3154A09	TB STUD 3/8-16 X 16.25	4.000 EA
MG1000G27	PAINT- S9282E CHARCOAL GREY	0.050 GA
LB1125C02	SUPER-E (STOCK CTN LABEL SUPER-E WITH FL	4.000 EA

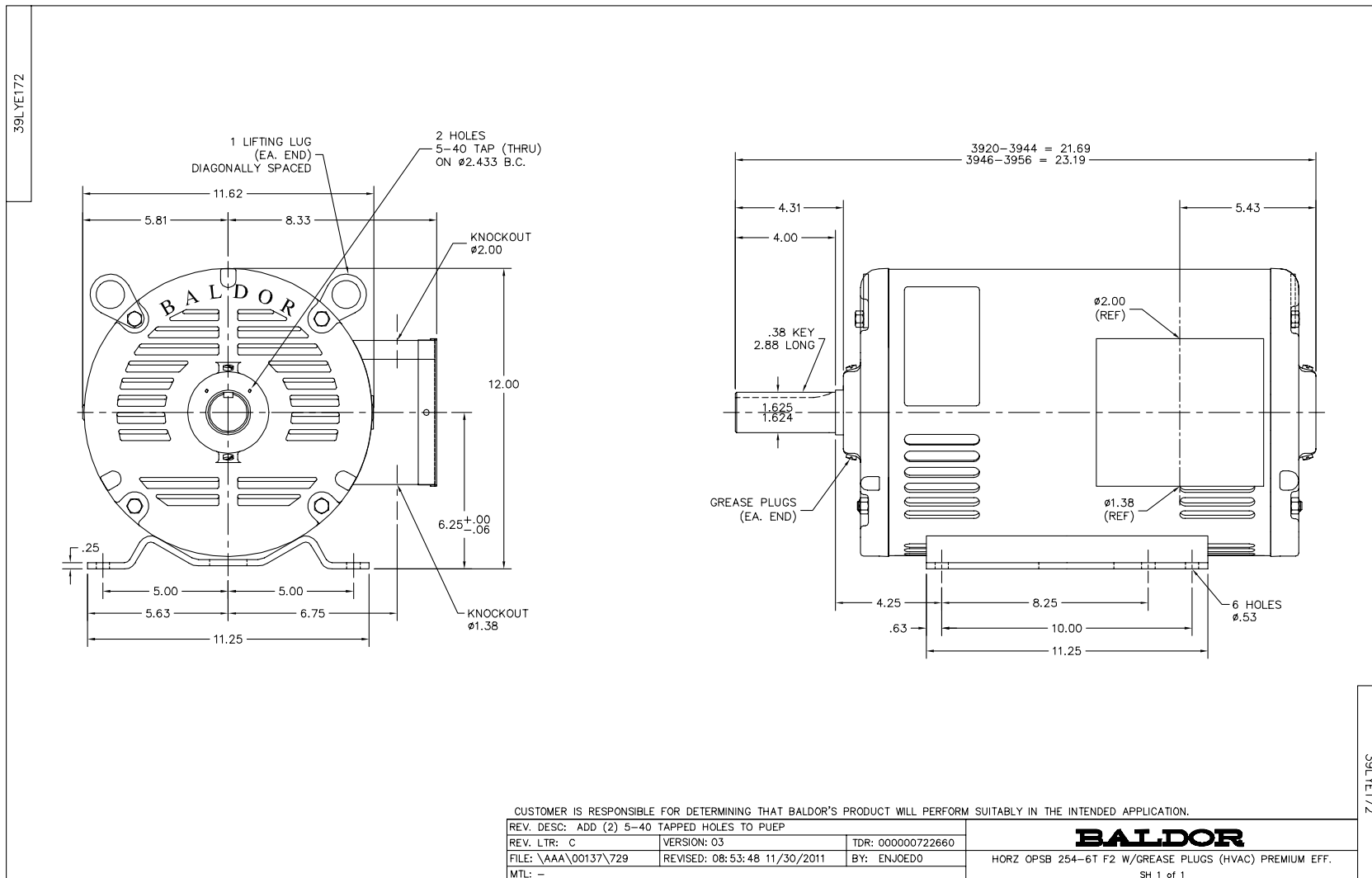
Parts List (continued)		
Part Number	Description	Quantity
LB1357	ENERGY GUIDE LABEL (BOX LABEL)	1.000 SH
LC0695	CONNECTION LABEL	1.000 EA
NP2094E06B03	NP LABEL W/BARCODE (PREM EFF HVAC MTR)	1.000 EA
39PA1000	PACKAGING GROUP 39 PRINT	1.000 EA

Performance Data at 200V, 60Hz, 15.0HP (Typical performance - Not guaranteed values)

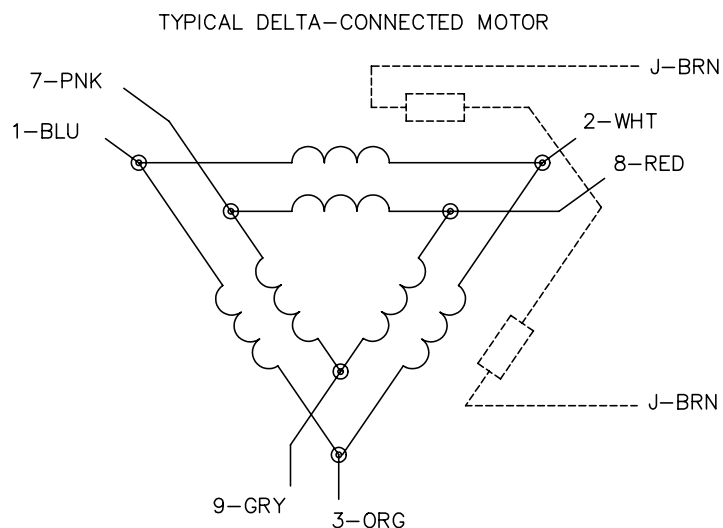
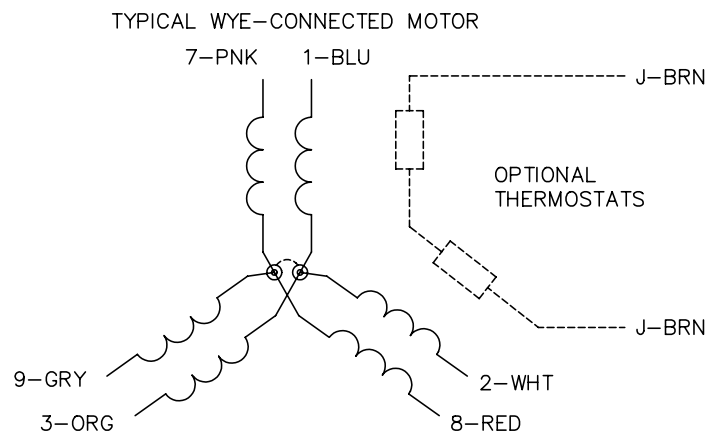
General Characteristics							
Full Load Torque:		44.6 LB-FT		Start Configuration:		DOL	
No-Load Current:		16.7 Amps		Break-Down Torque:		171.0 LB-FT	
Line-line Res. @ 25°C.:		0.116 Ohms A Ph / 0.0 Ohms B Ph		Pull-Up Torque:		78.7 LB-FT	
Temp. Rise @ Rated Load:		22 C		Locked-Rotor Torque:		99.4 LB-FT	
Temp. Rise @ S.F. Load:		29 C		Starting Current:		271.0 Amps	
Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	47.0	70.0	81.0	86.0	88.0	89.0	87.0
Efficiency:	90.1	93.3	93.5	93.1	92.2	91.0	92.6
Speed:	1792.0	1784.0	1775.0	1765.0	1754.0	1742.0	1758.0
Line Amperes:	19.0	24.7	32.2	40.6	50.0	60.3	46.3

Performance Graph at 200V, 60Hz, 15.0HP Typical performance - Not guaranteed values

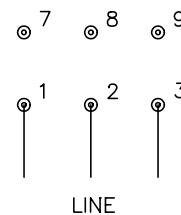




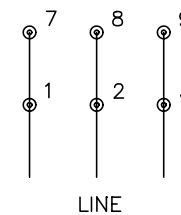
CD0695



START CONNECTION



RUN CONNECTION



NOTES:

1. MOTOR MAY BE WYE CONNECTED OR DELTA CONNECTED.
2. INTERCHANGE ANY TWO LINE LEADS TO REVERSE ROTATION.
3. OPTIONAL THERMOSTATS ARE PROVIDED WHEN SPECIFIED.
4. ACTUAL NUMBER OF INTERNAL PARALLEL CIRCUITS MAY VARY.
5. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

REV. DESC: REVISE TO SHOW OPTIONAL COLORS

REV. LTR: C

BY: JLP

REVISED: 01/21/99 3:19

TDR: 0171435

969000

FILE: AAA00005151

MDL: -

MTL: -

BALDOR ELECTRIC Co.

3PH, SV, 6 LEADS, PART WINDING START

CD0695