

BALDOR® • RELIANCE

Product Information Packet

MVM3542C

.56KW,1725RPM,3PH,60HZ,D80C,3420M,TEFC

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Part Detail										
Revision:	T	Status:	PRD/A	Change #:		Proprietary:	No			
Type:	AC	Prod. Type:	3420M	Elec. Spec:	34WG0883	CD Diagram:				
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	34G620	Layout:				
Frame:	D80C	Mounting:	F2	Poles:	04	Created Date:				
Base:	N	Rotation:	R	Insulation:	B	Eff. Date:	06-10-2011			
Leads:	9#18	Literature:		Elec. Diagram:		Replaced By:				
Nameplate NP1379L										
CAT.NO.		MVM3542C								
SPEC.		34G620-883								
IEC FRAME		D80C			K.W.		.56 TE			
VOLTS		208-230/460								
AMP		3.2-3/1.5								
RPM		1725			I.P.		54			
HZ		60			PH		3		CL	B
SER.F.		1.25			DES		B		CODE	K
NEMA-NOM-EFF		75.5			PF		60			
RATING		40C AMB-CONT								
CC					USABLE AT 208V		3.6			
DE		6205			ODE		6203			
SER. #										
		SFA 3.6-3.4/1.7								

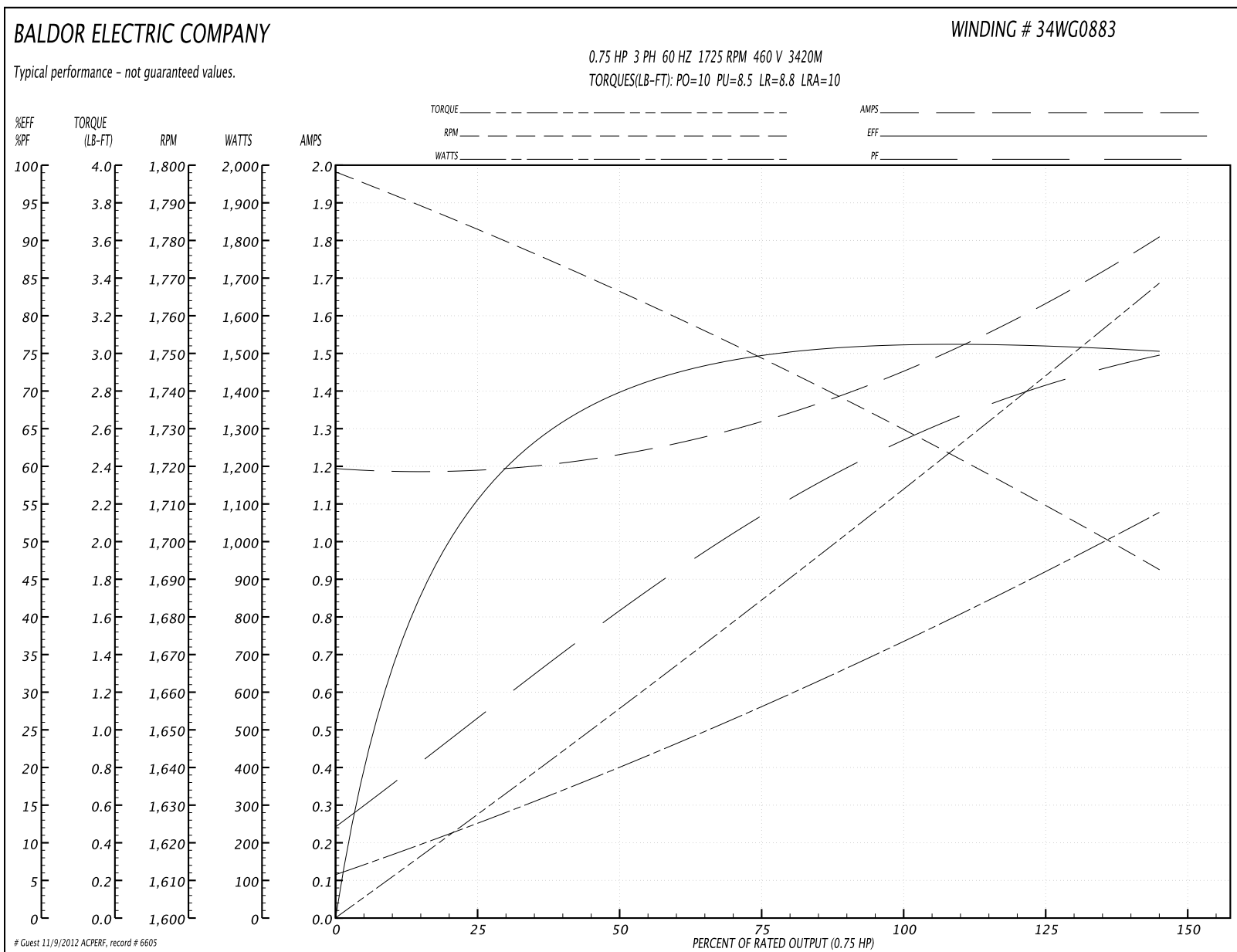
Parts List		
Part Number	Description	Quantity
SA007740	SA 34G620-883	1.000 EA
RA004187	RA 34G620-883	1.000 EA
NS2512A01	INSULATOR, CONDUIT BOX X	1.000 EA
34CB3002A	CB CAST W/.88 DIA HOLE	1.000 EA
51XB1016A07	10-16 X 7/16 HXWSSLD SERTYB	2.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
34EP3102A01SP	FR ENDPLATE, MACH	1.000 EA
HW5100A03SP	WAVY WASHER (W1543-017)	1.000 EA
34EP3303A12	ENDPLATE, PU MOD.34 IEC D80C ENCL W/205	1.000 EA
51XN1032A20	10-32 X 1 1/4 HX WS SL SR	2.000 EA
34FN3002A01SP	EXTERNAL FAN, PLASTIC, .637/.639 HUB W/	1.000 EA
34FH4002A01	IEC FH NO GREASER	1.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	3.000 EA
34CB4517	CB LID 4 MTG HOLES .22 DIA STAMPED, FOR	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000 EA
HW4600B49SP	SEAL 0.938 X 1.624 X 0.250 SINGLE LIP DB	1.000 EA
HW2504E10	KEY, 6 MM X 1.000	1.000 EA
HA7000A11	KEY RETAINER 0.750 DIA SHAFTS	1.000 EA
MJ5001A01	46-665 RED SEALER	0.001 QT
XY1032A02	10-32 HEX NUT DIRECTIONAL SERRATION	4.000 EA
34GS1029A01	GASKET, CONDUIT BOX	1.000 EA
34GS1031A01	GASKET, FLAT CONDUIT BOX LID (LEXIDE)	1.000 EA
MG1000G27	PAINT- S9282E CHARCOAL GREY	0.014 GA
10XF0440S02	04-40 X 1/8 TYPE F HEX HD STAINLESS STIC	2.000 EA

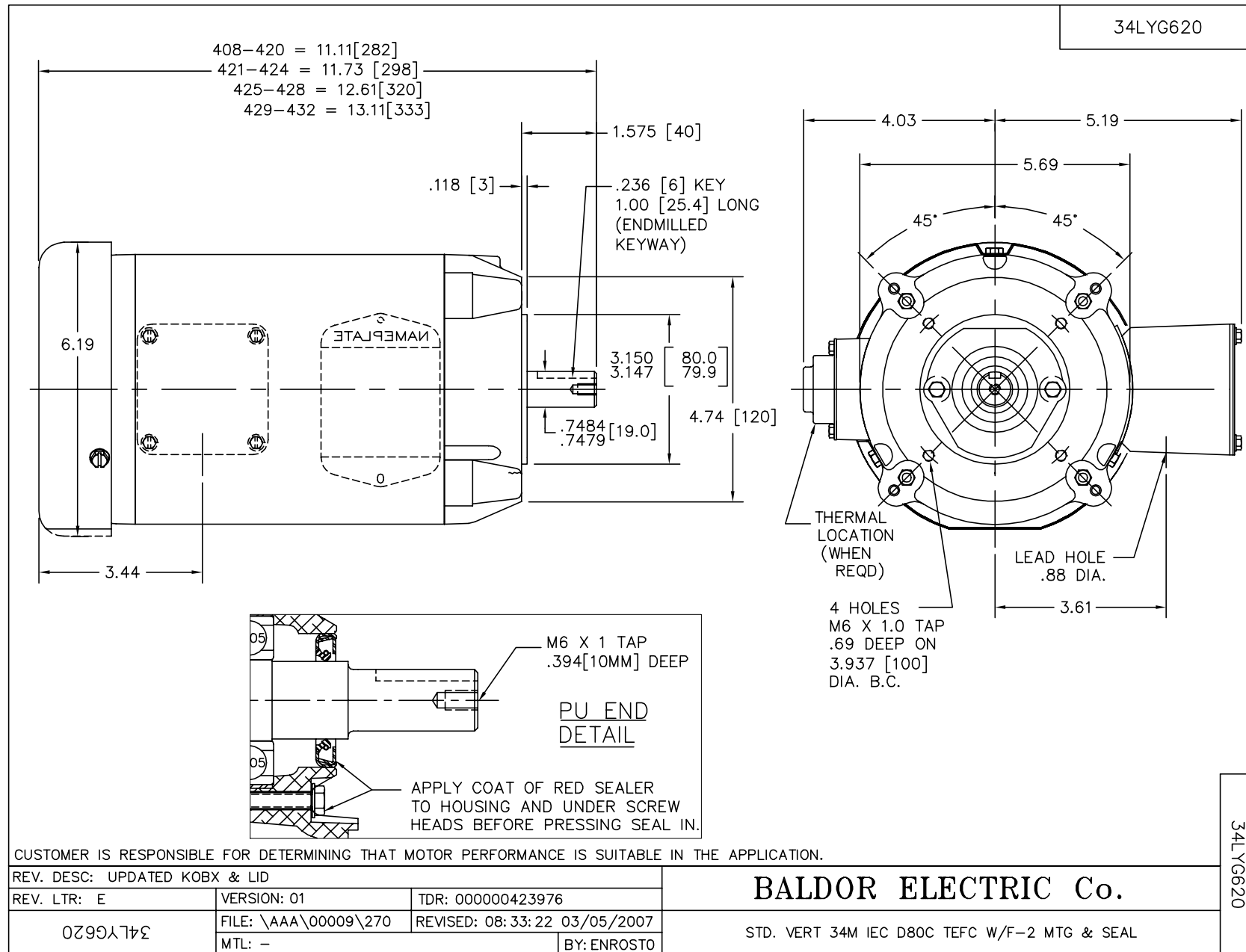
Parts List (continued)		
Part Number	Description	Quantity
HA3100A12	THRUBOLT 10-32 X 7.375	4.000 EA
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000 EA
LC0005E01	CONN.DIA./WARNING LABEL (LC0005/LB1119)	1.000 EA
NP1379L	ALUM IEC UL CSA CC	1.000 EA
34PA1002	PACKING GROUP, BALDOR	1.000 EA
LB5040	INSTRUCTION TAG, AC & DC	1.000 EA
PK3083T	STYROFOAM PACKING CRADLE W/TAPE	1.000 EA

Performance Data at 460V, 60Hz, 0.75HP (Typical performance - Not guaranteed values)

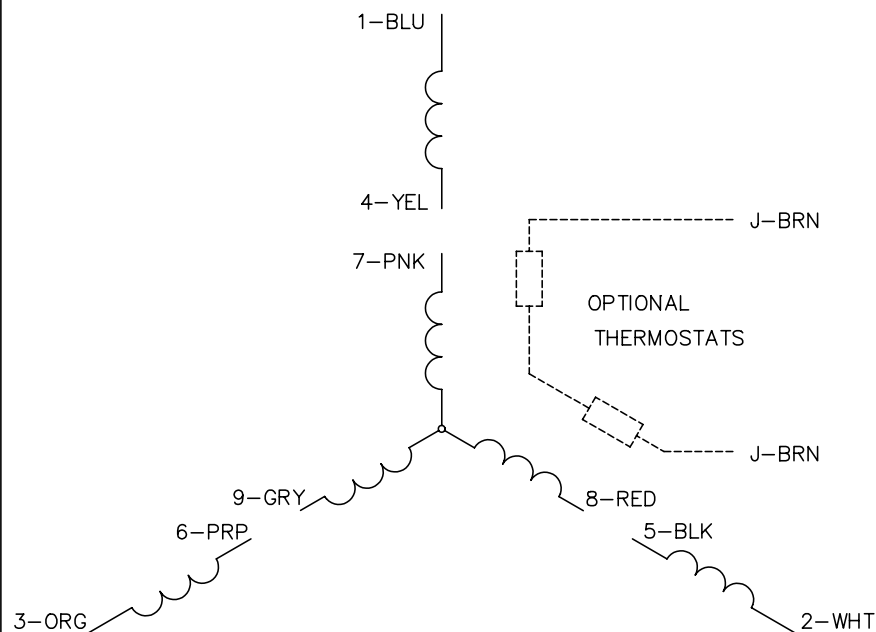
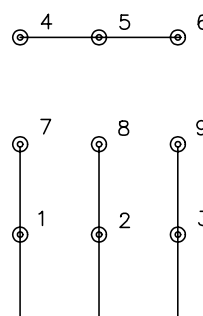
General Characteristics							
Full Load Torque:		2.25 LB-FT		Start Configuration:		DOL	
No-Load Current:		1.2 Amps		Break-Down Torque:		10.0 LB-FT	
Line-line Res. @ 25°C.:		17.68 Ohms A Ph / 0.0 Ohms B Ph		Pull-Up Torque:		8.5 LB-FT	
Temp. Rise @ Rated Load:		74 C		Locked-Rotor Torque:		8.8 LB-FT	
Temp. Rise @ S.F. Load:		91 C		Starting Current:		10.0 Amps	
Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	28.0	42.0	55.0	64.0	71.0	76.0	71.0
Efficiency:	56.1	69.7	74.7	76.2	76.1	75.2	76.1
Speed:	1783.0	1766.0	1749.0	1731.0	1711.0	1693.0	1711.0
Line Amperes:	1.2	1.2	1.3	1.5	1.6	1.8	1.6

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

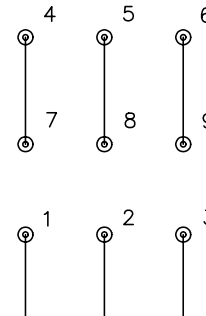




CD0005


 LOW VOLTAGE
(2Y)


LINE

 HIGH VOLTAGE
(1Y)


LINE

NOTES:

1. INTERCHANGE ANY TWO LINE LEADS TO REVERSE ROTATION.
2. OPTIONAL THERMOSTATS ARE PROVIDED WHEN SPECIFIED.
3. ACTUAL NUMBER OF INTERNAL PARALLEL CIRCUITS MAY BE A MULTIPLE OF THOSE SHOWN ABOVE.
4. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

REV. DESC: REVISE TO SHOW OPTIONAL COLORS

REV. LTR: E

BY: JLP

REVISED: 01/19/99 10:15

TDR: 0171435

9000D0

FILE: AAA00005140

MDL: -

MTL: -

BALDOR ELECTRIC Co.

3PH, DV, 9 LEADS

CD0005