

BALDOR® • **RELIANCE**

Product Information Packet

CEWDBM3538

.5HP, 1765RPM, 3PH, 60HZ, 56C, 3516M, TENV, F1

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Part Detail							
Revision:	C	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3516M	Elec. Spec:	35WGM303	CD Diagram:	
Enclosure:	TENV	Mfg Plant:		Mech. Spec:	35L652	Layout:	
Frame:	56C	Mounting:	F1	Poles:	04	Created Date:	11-29-2010
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	04-25-2012
Leads:	9#18	Literature:		Elec. Diagram:		Replaced By:	

Nameplate NP1496L									
CAT.NO.	CEWDBM3538								
SPEC.	35L652M303G1								
HP	.5								
VOLTS	208-230/460								
AMP	1.9-1.8/.9								
RPM	1765								
FRAME	56C	HZ	60	PH	3				
SER.F.	1.25	CODE	N	DES	B	CLASS	F		
NEMA-NOM-EFF	84	PF	64						
RATING	40C AMB-CONT								
CC	USABLE AT 208V								
DE	6205	ODE	6203						
ENCL	TENV	SN							
	SFA 2.1-2/1								

Parts List		
Part Number	Description	Quantity
SA212584	SA 35L652M303G1	1.000 EA
RA199813	RA 35L652M303G1	1.000 EA
NS2512A01	INSULATOR, CONDUIT BOX X	1.000 EA
35CB3003A02W	CONDUIT BOX W/.50 NPT LEAD HOLE, MACH WH	1.000 EA
35GS1022A03SP	GASKET BOX .125 THK WHITE NEOPRENE	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
HW3001B01	003SS CUP WASHER, FOR #8 SCREW	1.000 EA
35EP3900T32MW	WHITE EPOXY EP MACH COMPL	1.000 EA
HW4032A01	BLACK DRAIN PLUG FOR WASH DOWN MOTORS	3.000 EA
HW5100A03SP	WAVY WASHER (W1543-017)	1.000 EA
35EP3300A48MW	SPL FACE MTD EP - 205 BRG - W/SEAL FOR W	1.000 EA
HW4032A01	BLACK DRAIN PLUG FOR WASH DOWN MOTORS	3.000 EA
HW4600B49SP	SEAL 0.938 X 1.624 X 0.250 SINGLE LIP DB	1.000 EA
12XN1032S20	10-32 X 1-1/4 HEX M.S. , STAINLESS STEEL	2.000 EA
HW2501D06	KEY, 3/16 SQ X 0.750	1.000 EA
35CB4516	CONDUIT BOX LID, AUTOPHORETIC	1.000 EA
36GS3008SP	WHITE NEOPREME KO BOX LID GASKET	1.000 EA
59XW0832S07	TAPTITE II,HEX WSHR UNSLTD SER,410 S.S.,	4.000 EA
HW4600B46SP	SEAL 0.875 X 1.420 X 0.240 FACE SEALING	1.000 EA
HW2502D13	SS KEY, 3/16 SQ X 1.375	1.000 EA
HA7000A04	KEY RETAINER 0.625 DIA SHAFTS	1.000 EA
MJ5001A01	46-665 RED SEALER	0.001 QT
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA

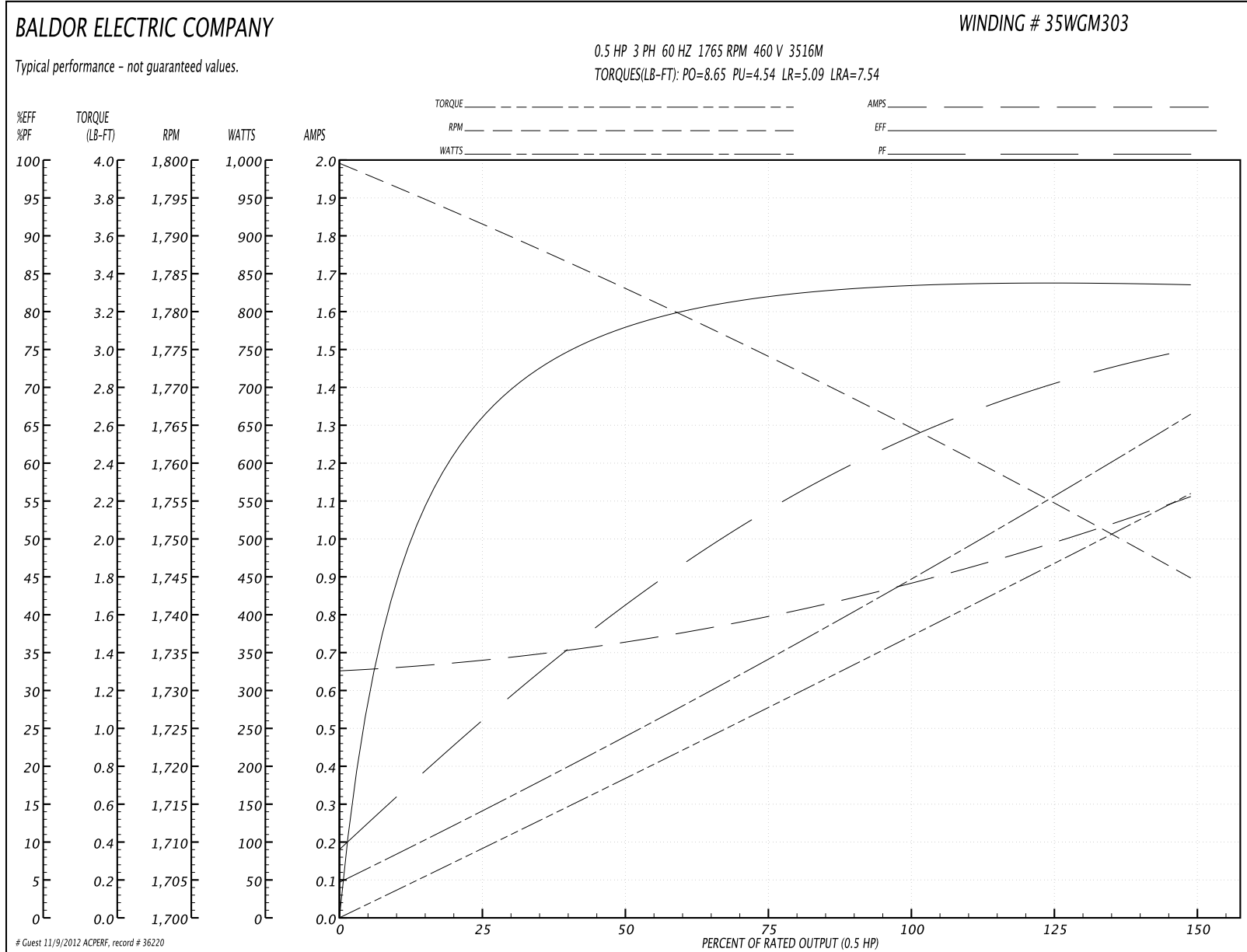
Parts List (continued)		
Part Number	Description	Quantity
LB1164	LABEL,WARNING AND DRAIN	1.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON	0.050 LB
MG1025Z20	ACTIVATOR WILKOFAS 060.32	0.010 GA
MG1025W11	PAINT- 781-101 WILKOFAS WHITE EPOXY	0.017 GA
HA3100S08	THRUBOLT 7.375LG SS	4.000 EA
76BK1400BQF	1-056-014-00-BQF 3# 230/460V. NEMA 4X EN	1.000 EA
84XN3816J28	HEX SOC HD, 3/8-16 X 1.75 LONG	2.000 EA
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000 EA
LC0005	CONN.DIA.,TY M,9-LD,DUAL VOLT,REVERSING	1.000 EA
LB1404	BRAKE CONNECTION LABEL	1.000 EA
NP1496L	SS WD UL CSA CC	1.000 EA
36PA1000	PACK GROUP W/LB5001	1.000 EA

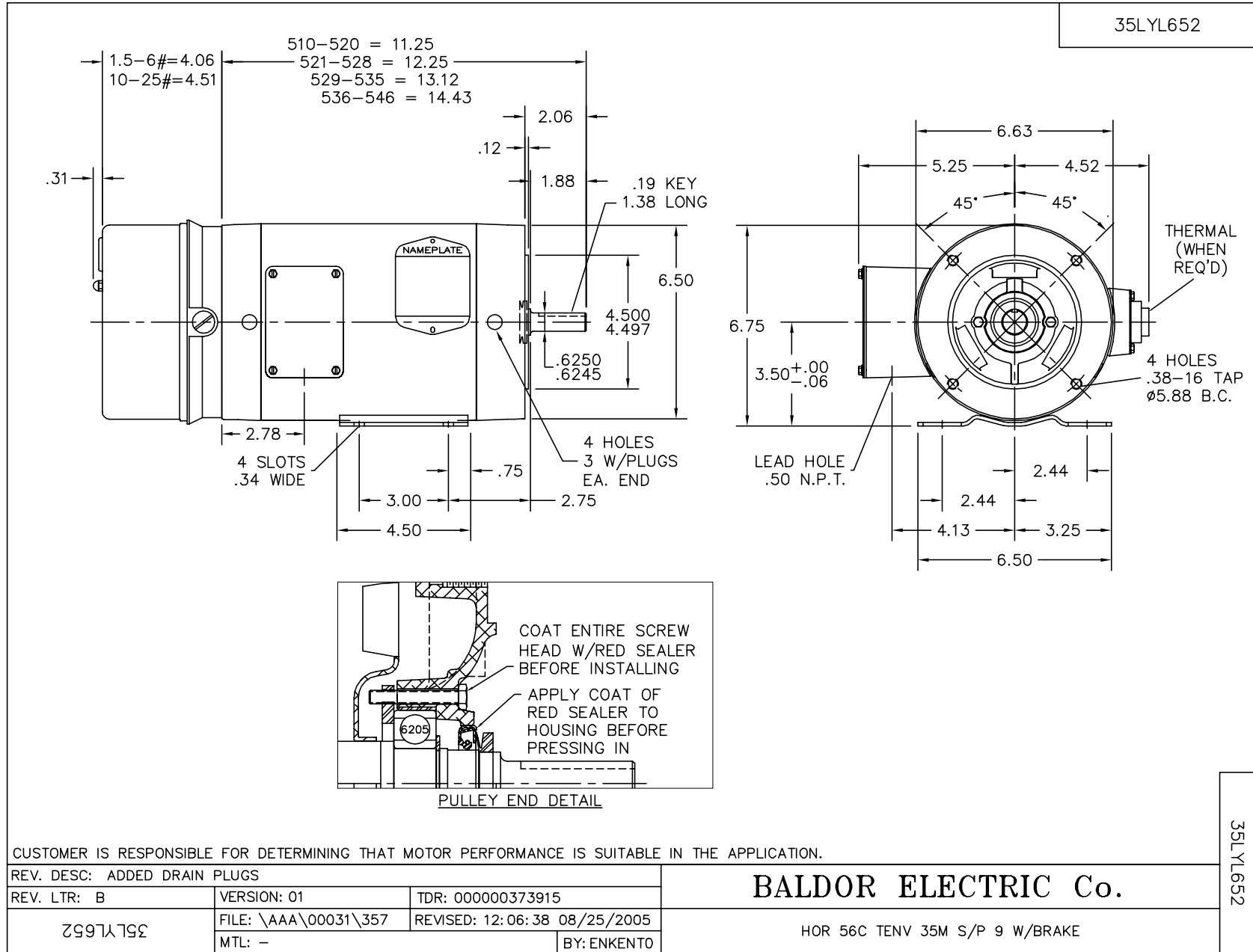
Performance Data at 460V, 60Hz, 0.5HP (Typical performance - Not guaranteed values)

General Characteristics			
Full Load Torque:	1.49 LB-FT	Start Configuration:	DOL
No-Load Current:	0.655 Amps	Break-Down Torque:	8.65 LB-FT
Line-line Res. @ 25°C.:	25.6 Ohms A Ph / 0.0 Ohms B Ph	Pull-Up Torque:	4.54 LB-FT
Temp. Rise @ Rated Load:		Locked-Rotor Torque:	5.09 LB-FT
Temp. Rise @ S.F. Load:		Starting Current:	7.54 Amps

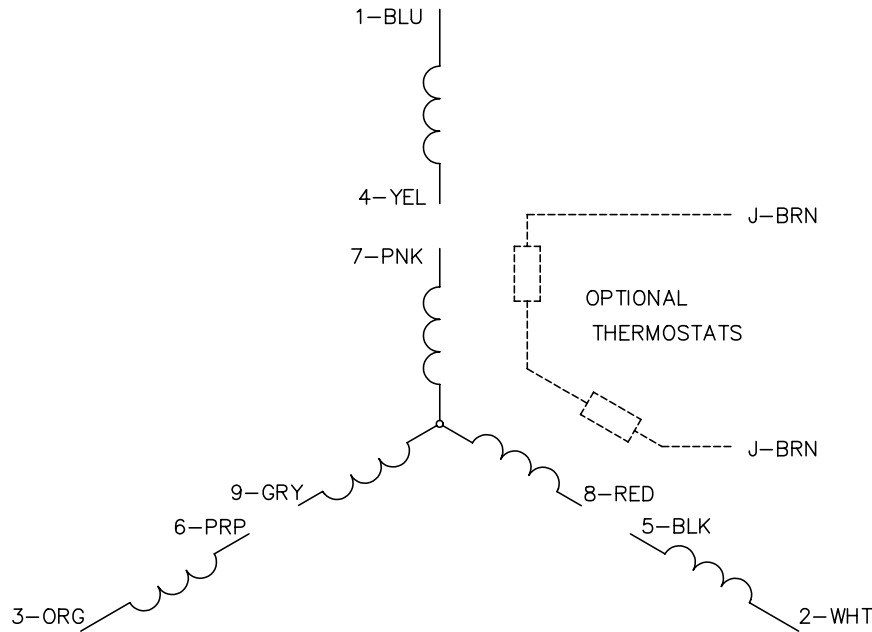
Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	26.0	41.0	53.0	63.0	70.0	75.0	70.0
Efficiency:	65.0	77.6	81.5	83.8	84.0	83.4	84.0
Speed:	1793.0	1783.0	1774.0	1765.0	1755.0	1745.0	1755.0
Line Amperes:	0.674	0.725	0.793	0.885	0.986	1.11	0.986

Performance Graph at 460V, 60Hz, 0.5HP Typical performance - Not guaranteed values





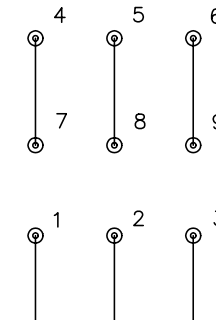
CD0005



LOW VOLTAGE
(2Y)



HIGH VOLTAGE
(1Y)



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
90000		FILE: AAA00005140	MDL: -
		MTL: -	

BALDOR ELECTRIC Co.

3PH, DV, 9 LEADS

CD0005