

BALDOR® • RELIANCE

Product Information Packet

CEWDBM3554T

1.5HP,1755RPM,3PH,60HZ,145TC,3533M,TENV

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Part Detail									
Revision:	B	Status:	PRD/A	Change #:		Proprietary:	No		
Type:	AC	Prod. Type:	3533M	Elec. Spec:	35WGM613	CD Diagram:			
Enclosure:	TENV	Mfg Plant:		Mech. Spec:	35M890	Layout:			
Frame:	145TC	Mounting:	F1	Poles:	04	Created Date:	08-10-2010		
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	04-04-2012		
Leads:	9#18	Literature:		Elec. Diagram:		Replaced By:			
Nameplate NP1669L									
CAT.NO.	CEWDBM3554T								
SPEC.	35M890M613G1								
HP	1.5								
VOLTS	208-230/460								
AMP	4.4-4.2/2.1								
RPM	1755								
FRAME	145TC	HZ	60	PH	3				
SER.F.	1.15	CODE	M	DES	B	CLASS	F		
NEMA-NOM-EFF	86.5	PF	76						
RATING	40C AMB-CONT								
CC		USABLE AT 208V	4.4						
DE	6205	ODE	6203						
ENCL	TENV	SN							
BLANK									

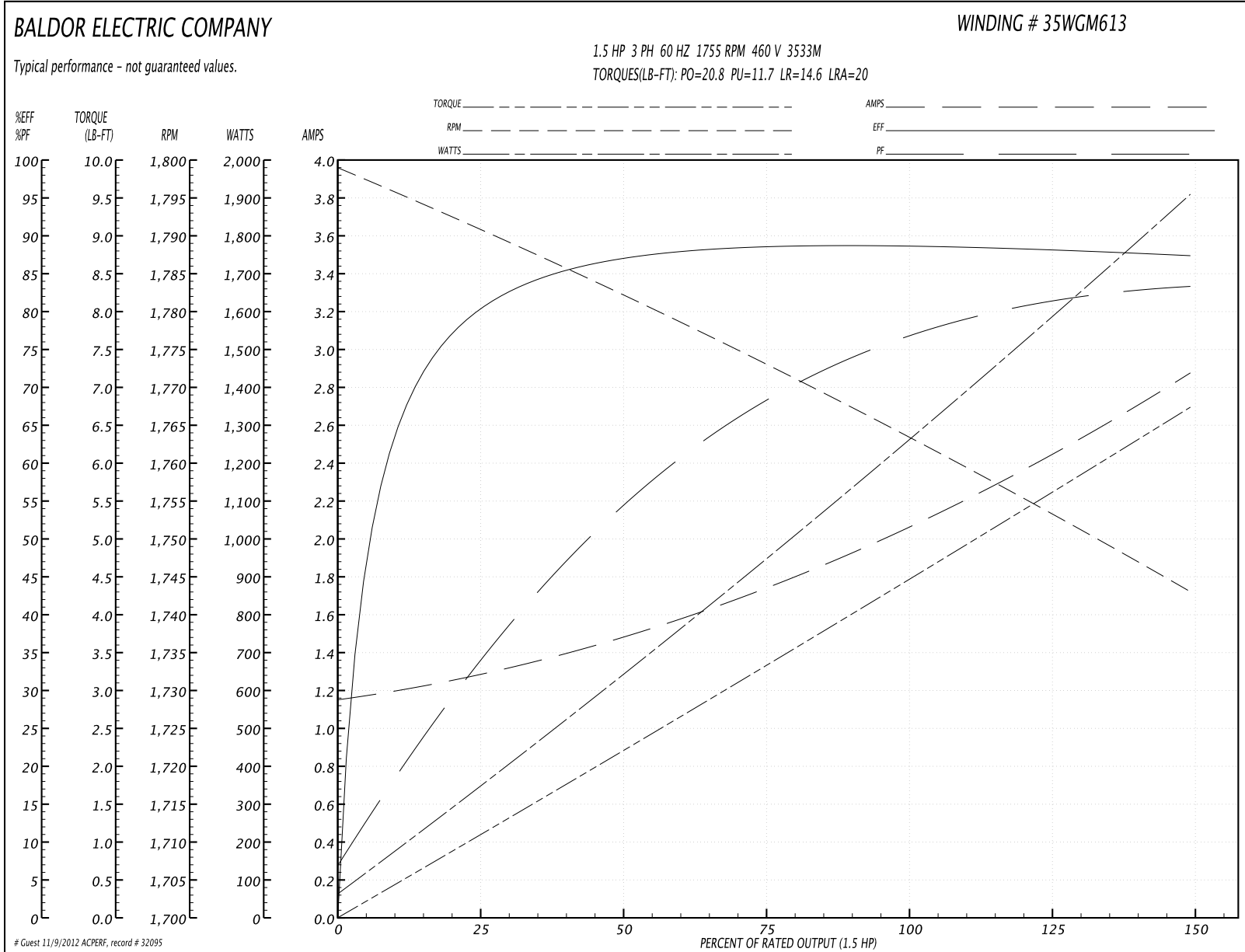
Parts List		
Part Number	Description	Quantity
SA201398	SA 35M890M613G1	1.000 EA
RA188696	RA 35M890M613G1	1.000 EA
S/P107-000-001	SUPER E PROC'S-FS & WS PLTS-POLYREX EM G	1.000 EA
NS2512A01	INSULATOR, CONDUIT BOX X	1.000 EA
35CB3008A01W	35 CB .50 NPT @ 6, MACH WHITE EPOXY	1.000 EA
35GS1039	05 MOLDED GASKET W/LIP, 1.12 LEAD 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
35EP3900T06MW	SPL FACE MTD FR EP 35M&L ENCL W/BRK W/WH	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
HW2501D13SP	KEY, 3/16 SQ X 1.375	1.000 EA
35CB4522	35 LIPPED CB LID AUTOPHORETIC	1.000 EA
35GS1030A02	35 GS FOR CB LID - WHITE NEOPRENE	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
HA7000A01	KEY RETAINER 7/8" DIA SHAFT	1.000 EA
MJ5001A01	46-665 RED SEALER	0.001 QT
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA

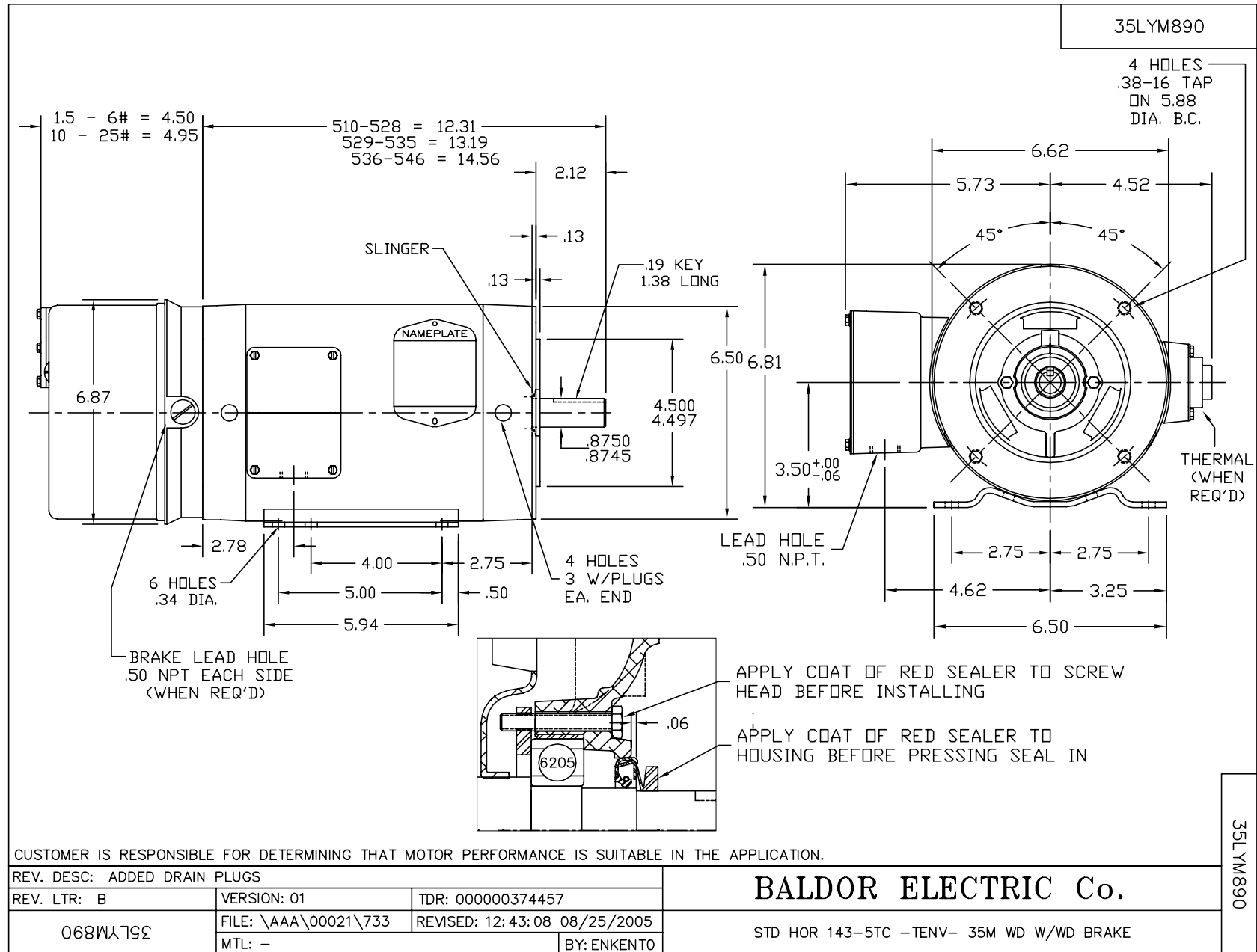
Parts List (continued)		
Part Number	Description	Quantity
LB1164	LABEL, WARNING AND DRAIN	1.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON	0.050 LB
84XN3816J36	3/8-16X2-1/4 SOCK HD, BK OX	2.000 EA
MG1025Z20	ACTIVATOR WILKOFAS 060.32	0.010 GA
MG1025W11	PAINT- 781-101 WILKOFAS WHITE EPOXY	0.017 GA
HA3100S15	THRUBOLT - 10-32 X 9.375	4.000 EA
75BK3400BQF	1-056-134-00-BQF BRAKE	1.000 EA
LB1125C02	SUPER-E (STOCK CTN LABEL SUPER-E WITH FL	1.000 EA
LB1357	ENERGY GUIDE LABEL (BOX LABEL)	1.000 SH
LC0005	CONN.DIA., TY M, 9-LD, DUAL VOLT, REVERSING	1.000 EA
LB1404	BRAKE CONNECTION LABEL	1.000 EA
NP1669L	SS WD SUPER-E UL CSA-EEV PREM REV MTG	1.000 EA
G7PA1000	PACKAGING GROUP / BALDOR	1.000 EA

Performance Data at 460V, 60Hz, 1.5HP (Typical performance - Not guaranteed values)

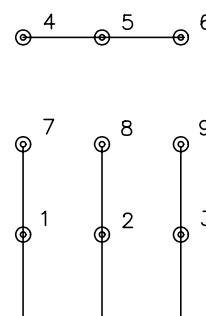
General Characteristics							
Full Load Torque:		4.45 LB-FT		Start Configuration:		DOL	
No-Load Current:		1.17 Amps		Break-Down Torque:		20.8 LB-FT	
Line-line Res. @ 25°C.:		8.44 Ohms A Ph / 0.0 Ohms B Ph		Pull-Up Torque:		11.7 LB-FT	
Temp. Rise @ Rated Load:		77 C		Locked-Rotor Torque:		14.6 LB-FT	
Temp. Rise @ S.F. Load:		92 C		Starting Current:		20.0 Amps	
Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	35.0	54.0	68.0	76.0	81.0	84.0	79.0
Efficiency:	80.4	87.0	88.3	88.8	88.2	87.3	88.4
Speed:	1791.0	1782.0	1773.0	1764.0	1753.0	1743.0	1757.0
Line Amperes:	1.26	1.46	1.76	2.07	2.45	2.87	2.3

Performance Graph at 460V, 60Hz, 1.5HP Typical performance - Not guaranteed values

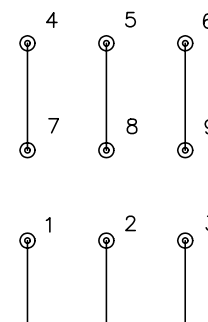




CD0005


 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