

BALDOR® • RELIANCE

Product Information Packet

CEWDM3550

1.5HP,3500RPM,3PH,60HZ,56,C,3528M,TENV,F

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Part Detail									
Revision:	V	Status:	PRD/A	Change #:		Proprietary:	No		
Type:	AC	Prod. Type:	3528M	Elec. Spec:	35WGR445	CD Diagram:			
Enclosure:	TENV	Mfg Plant:		Mech. Spec:	35T964	Layout:			
Frame:	56C	Mounting:	F1	Poles:	02	Created Date:	06-22-2007		
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	10-12-2012		
Leads:	9#18	Literature:		Elec. Diagram:		Replaced By:			
Nameplate NP1669L									
CAT.NO.	CEWDM3550								
SPEC.	35T964R445G1								
HP	1.5								
VOLTS	208-230/460								
AMP	4/2								
RPM	3500								
FRAME	56C	HZ	60	PH	3				
SER.F.	1.15	CODE	N	DES	B	CLASS	F		
NEMA-NOM-EFF	85.5	PF	87						
RATING	40C AMB-CONT								
CC		USABLE AT 208V							
DE	6205	ODE	6203						
ENCL	TENV	SN							
BLANK									

Parts List		
Part Number	Description	Quantity
SA131937	SA 35T964R445G1	1.000 EA
RA121911	RA 35T964R445G1	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
35EP3100M71MW	SPL FR ENDPLATE -TENV- SP.#9 (WHITE EPOX	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
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
HA7000A04	KEY RETAINER 0.625 DIA SHAFTS	1.000 EA
LB1164	LABEL,WARNING AND DRAIN	1.000 EA
HA5027A01	HA4066A01 T-DRAIN X2 BAGGED	1.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON	0.050 LB

Parts List (continued)		
Part Number	Description	Quantity
MJ5001A01	46-665 RED SEALER	0.001 QT
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
MG1025Z20	ACTIVATOR WILKOFAS 060.32	0.010 GA
MG1025W11	PAINT- 781-101 WILKOFAS WHITE EPOXY	0.017 GA
HA3100S07	THRUBOLT 10-32 X 8.375 SS	4.000 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
NP1669L	SS WD SUPER-E UL CSA-EEV PREM REV MTG	1.000 EA
PA1000	PACKING GROUP 3500 SHORT	1.000 EA

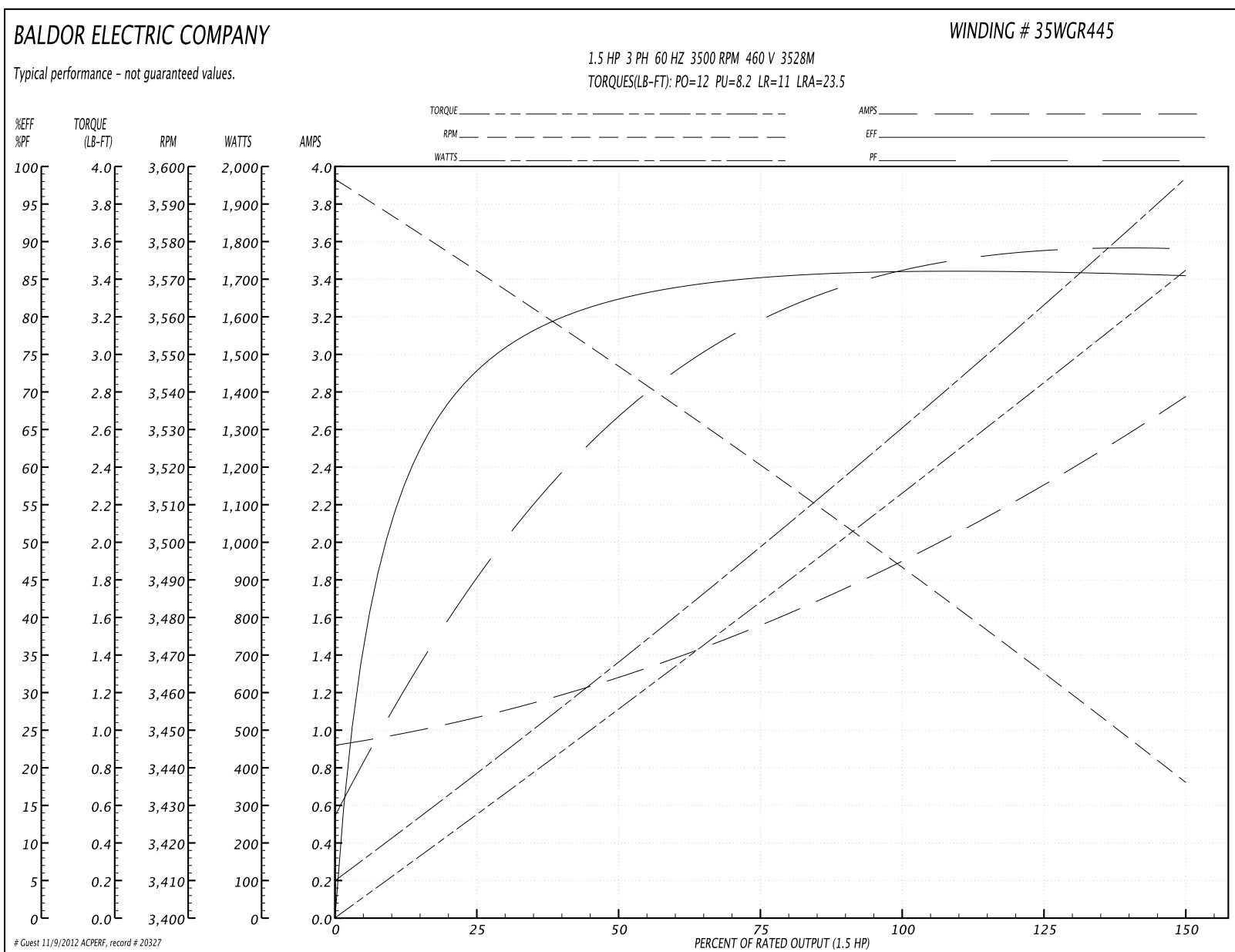
Performance Data at 460V, 60Hz, 1.5HP (Typical performance - Not guaranteed values)**General Characteristics**

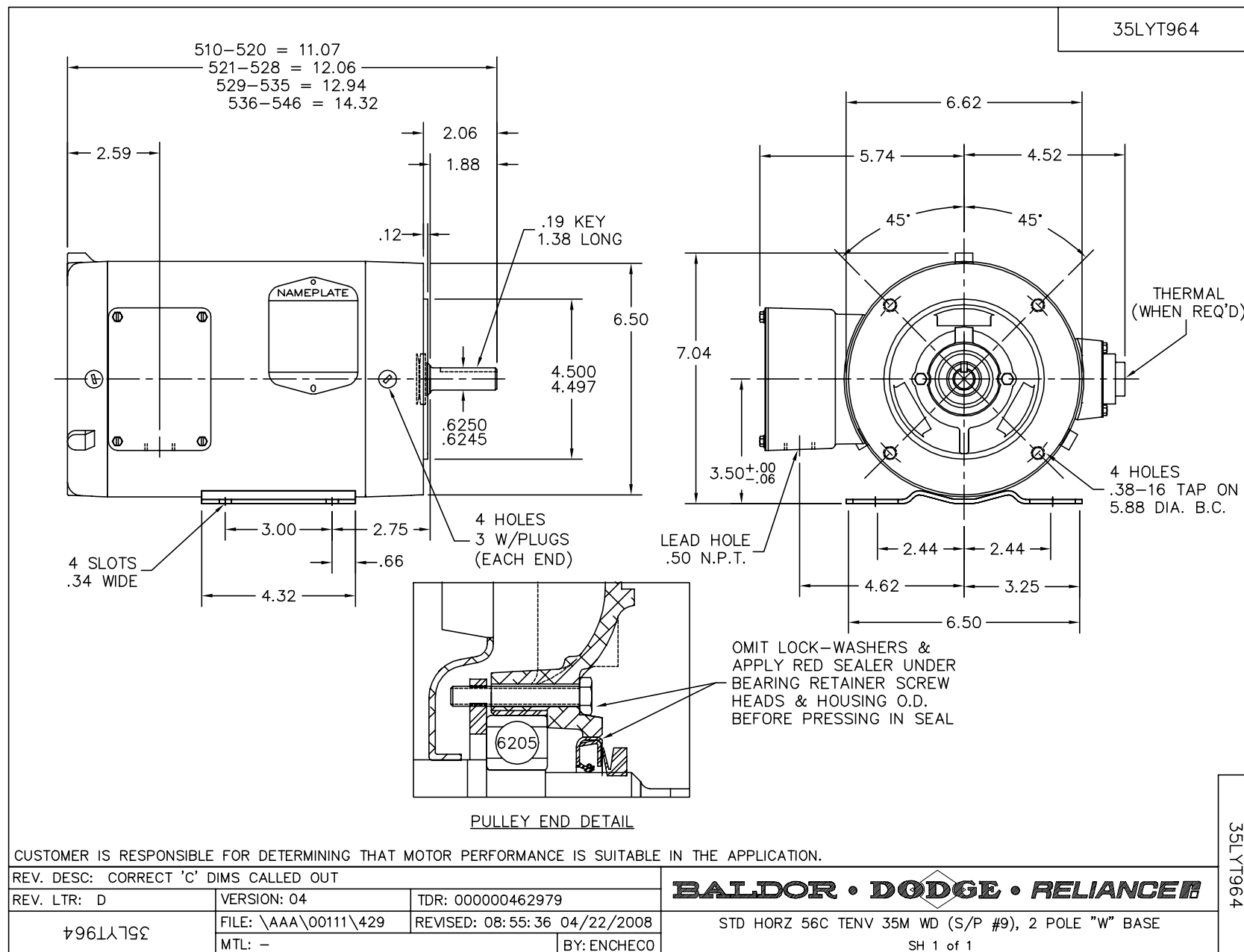
Full Load Torque:	2.3 LB-FT	Start Configuration:	DOL
No-Load Current:	0.9 Amps	Break-Down Torque:	12.0 LB-FT
Line-line Res. @ 25°C.:	6.95 Ohms A Ph / 0.0 Ohms B Ph	Pull-Up Torque:	8.2 LB-FT
Temp. Rise @ Rated Load:	73 C	Locked-Rotor Torque:	11.0 LB-FT
Temp. Rise @ S.F. Load:		Starting Current:	23.5 Amps

Load Characteristics

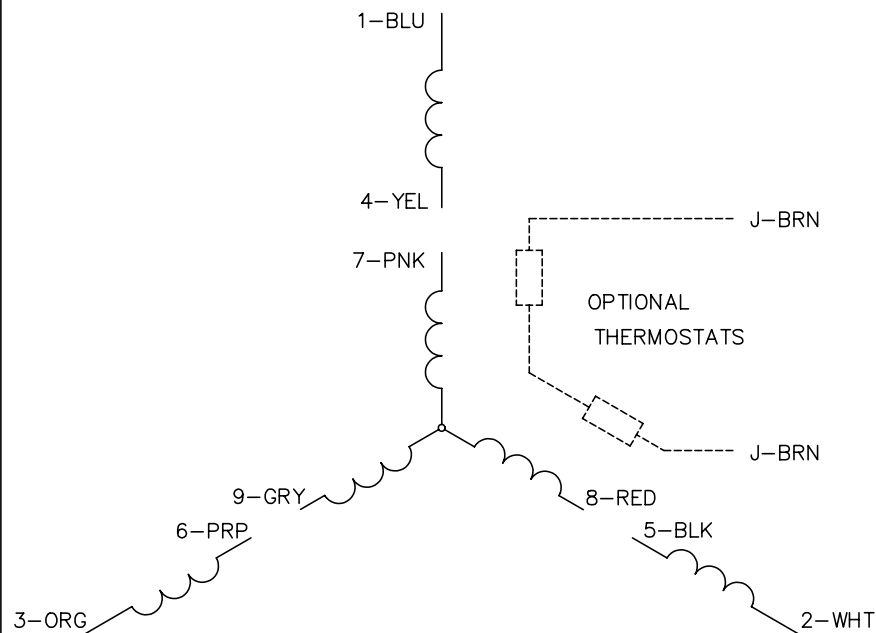
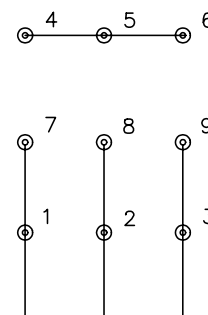
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	51.0	71.0	81.0	87.0	90.0	91.0	0.0
Efficiency:	73.8	82.5	85.2	86.1	86.0	85.4	0.0
Speed:	3568.0	3544.0	3519.0	3493.0	3466.0	3434.0	0.0
Line Amperes:	1.1	1.3	1.6	1.9	2.3	2.8	0.0

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

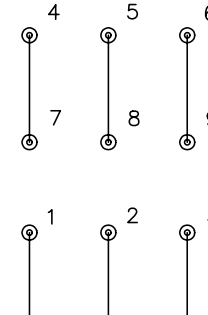




CD0005

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