

BALDOR® • *RELIANCE*

Product Information Packet

CSWDM3546T

1HP, 1740RPM, 3PH, 60HZ, 143TC, 3518M, TENV, F1

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Part Detail							
Revision:	B	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3518M	Elec. Spec:	35WGP439	CD Diagram:	
Enclosure:	TENV	Mfg Plant:		Mech. Spec:	35SS621	Layout:	
Frame:	143TC	Mounting:	F1	Poles:	04	Created Date:	11-21-2011
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	10-16-2012
Leads:	9#18	Literature:		Elec. Diagram:		Replaced By:	

Nameplate NP1496L									
CAT.NO.	CSWDM3546T								
SPEC.	35SS621P439H1								
HP	1								
VOLTS	208-230/460								
AMP	3.2-3/1.5								
RPM	1740								
FRAME	143TC	HZ	60	PH	3				
SER.F.	1.15	CODE	M	DES	B	CLASS	F		
NEMA-NOM-EFF	82.5	PF	74						
RATING	40C AMB-CONT								
CC	USABLE AT 208V								
DE	6205	ODE	6203						
ENCL	TENV	SN							

Parts List		
Part Number	Description	Quantity
SA235015	SA 35SS621P439H1	1.000 EA
RA221979	RA 35SS621P439H1	1.000 EA
S/P101-000-000	EPACT PROCEDURES-FS PLANT-POLYREX EM, NO	1.000 EA
NS2512A01	INSULATOR, CONDUIT BOX X	1.000 EA
35CB5001A21	CONDUIT BOX KIT, FOR SUPER II WASHDOWN	1.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
35EP3100M72MU	SPL FR EP-ENCL-203 BRG-DIE CAST ALUM(BAL	1.000 EA
HW4500A33	1/8 NPT STAINLESS,HOLO-KROME #13002,PRES	3.000 EA
HW5100A03SP	WAVY WASHER (W1543-017)	1.000 EA
35EP3300A75MU	PU E.P., CAST-FACE MTD-56C-205 BRG(BALL	1.000 EA
HW4500A33	1/8 NPT STAINLESS,HOLO-KROME #13002,PRES	3.000 EA
HW4606A02	JM CLIPPER/SEAL (LWE-0938-1624-AL23)	1.000 EA
12XN1032S20	10-32 X 1-1/4 HEX M.S. , STAINLESS STEEL	2.000 EA
HA1049A01	DUBO LOK WASHER SIZE 10 (NYLON LOCK SEAL	2.000 EA
HA1049A01	DUBO LOK WASHER SIZE 10 (NYLON LOCK SEAL	4.000 EA
HW2502D13	SS KEY, 3/16 SQ X 1.375	1.000 EA
HA7000A01	KEY RETAINER 7/8" DIA SHAFT	1.000 EA
MJ5001A02	732 CL SEALANT 3 OZ DIXIE BEARING 289100	0.001 EA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
LB1164	LABEL,WARNING AND DRAIN	1.000 EA
HA5027A04	HA4054 T-DRAIN X2 BAGGED	1.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON	0.050 LB
HA3100S24	THRUBOLT 8.625 LENGTH 1.250 TH LENGTH SS	4.000 EA
LB1125C04	STD-E (STOCK CTN LABEL STD-E WITH FLAG)	1.000 EA

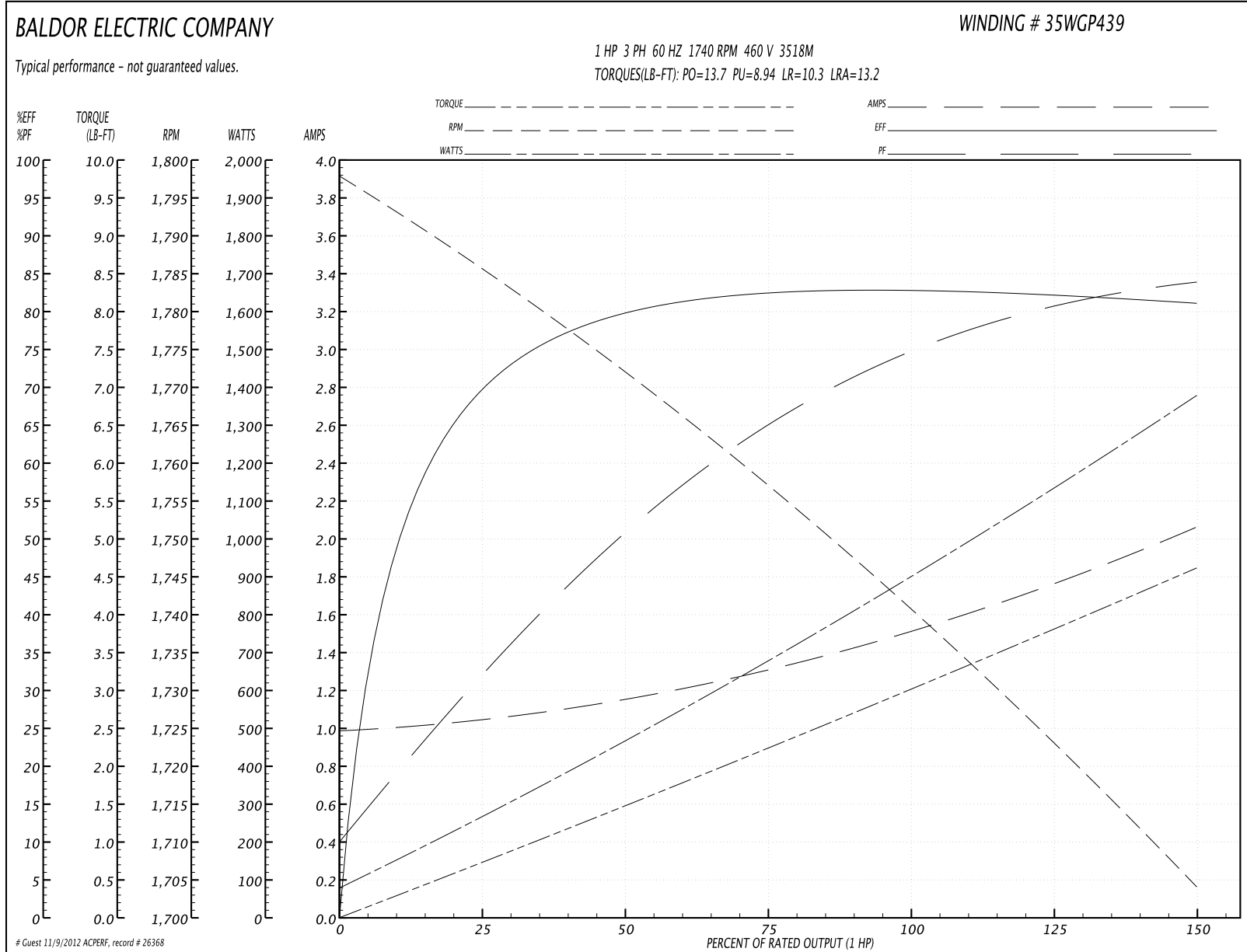
Parts List (continued)		
Part Number	Description	Quantity
LC0005	CONN.DIA.,TY M,9-LD,DUAL VOLT,REVERSING	1.000 EA
NP1496L	SS WD UL CSA CC	1.000 EA
PA1000	PACKING GROUP 3500 SHORT	1.000 EA

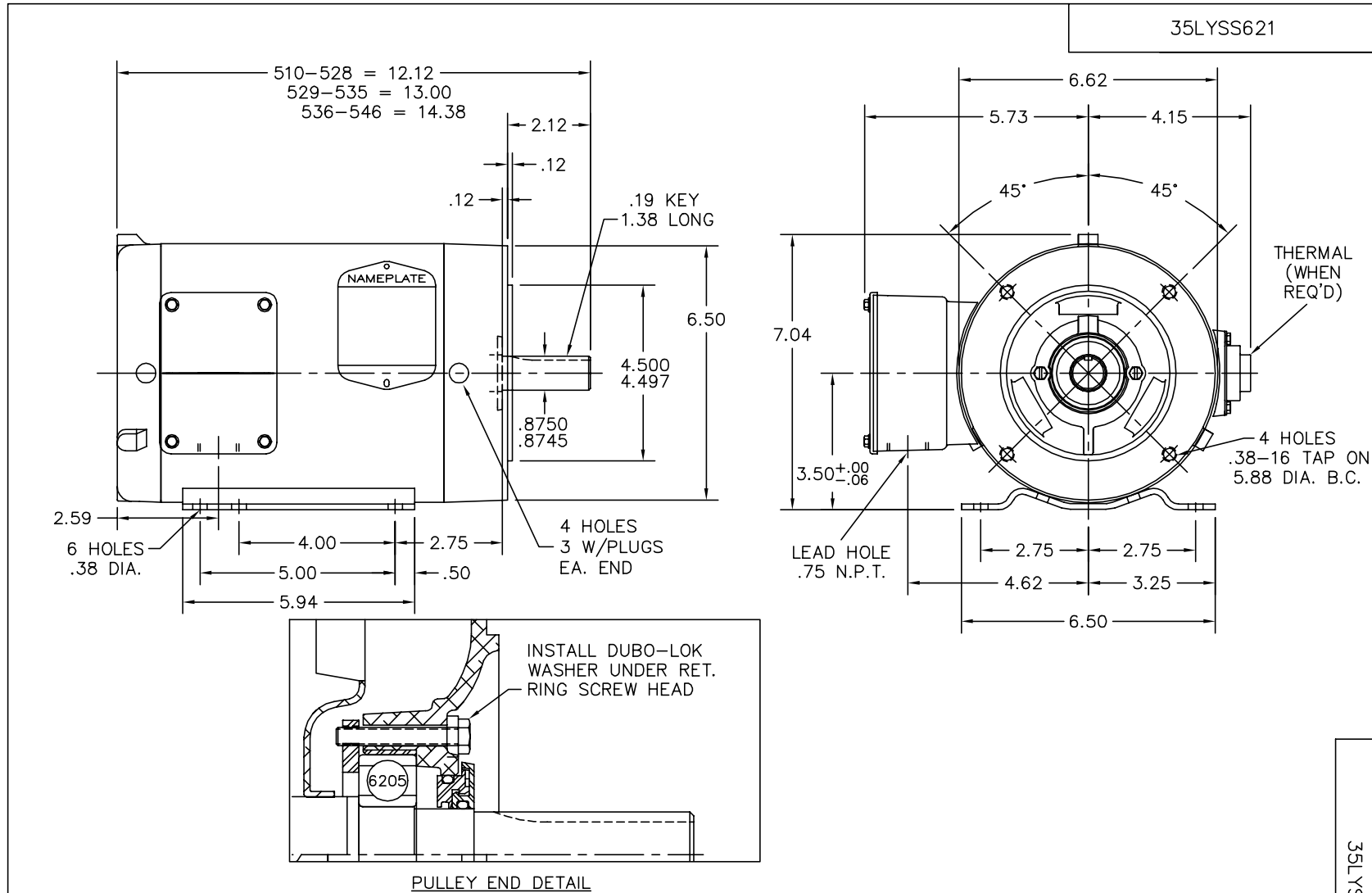
Performance Data at 460V, 60Hz, 1.0HP (Typical performance - Not guaranteed values)

General Characteristics			
Full Load Torque:	2.99 LB-FT	Start Configuration:	DOL
No-Load Current:	0.997 Amps	Break-Down Torque:	13.7 LB-FT
Line-line Res. @ 25°C.:	16.0 Ohms A Ph / 0.0 Ohms B Ph	Pull-Up Torque:	8.94 LB-FT
Temp. Rise @ Rated Load:	79 C	Locked-Rotor Torque:	10.3 LB-FT
Temp. Rise @ S.F. Load:	98 C	Starting Current:	13.2 Amps

Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	33.0	51.0	65.0	74.0	80.0	84.0	78.0
Efficiency:	69.7	79.7	82.6	83.2	82.5	81.1	82.8
Speed:	1786.0	1771.0	1757.0	1742.0	1723.0	1704.0	1731.0
Line Amperes:	1.03	1.15	1.32	1.51	1.76	2.06	1.66

Performance Graph at 460V, 60Hz, 1.0HP Typical performance - Not guaranteed values





CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION.

REV. DESC: NEW		
REV. LTR: -	VERSION: 00	TDR: 000000720966
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MTL: -	BY: ENJOSRO	

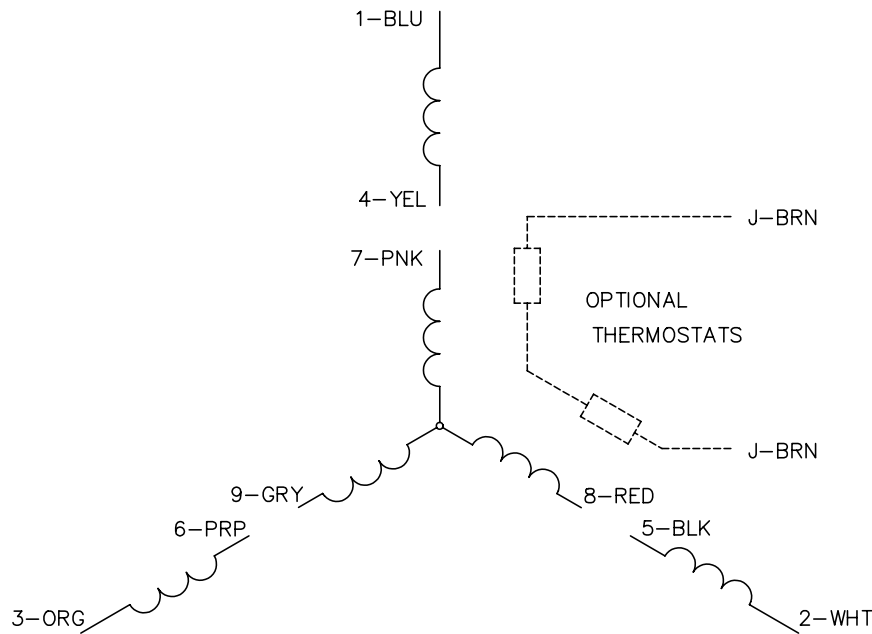
BALDOR

HORZ 143-5TC TENV 35M WD2 (PAINT FREE) W/.75 NPT

SH 1 of 1

35LYSS621

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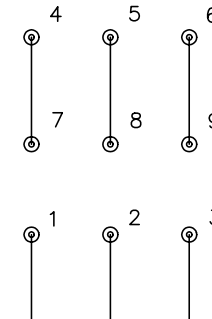


LOW VOLTAGE
(2Y)



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
90000		FILE: AAA00005140	MDL: -
		MTL: -	

BALDOR ELECTRIC Co.

3PH, DV, 9 LEADS

CD0005