

BALDOR® • *RELIANCE*

Product Information Packet

CESSWDM3559T

3HP,3470RPM,3PH,60HZ,145TC,3546M,TEFC,F1

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Part Detail							
Revision:	D	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3546M	Elec. Spec:	35WGR930	CD Diagram:	
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	35VV818	Layout:	
Frame:	145TC	Mounting:	F1	Poles:	02	Created Date:	03-04-2010
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	04-02-2012
Leads:	9#18	Literature:		Elec. Diagram:		Replaced By:	

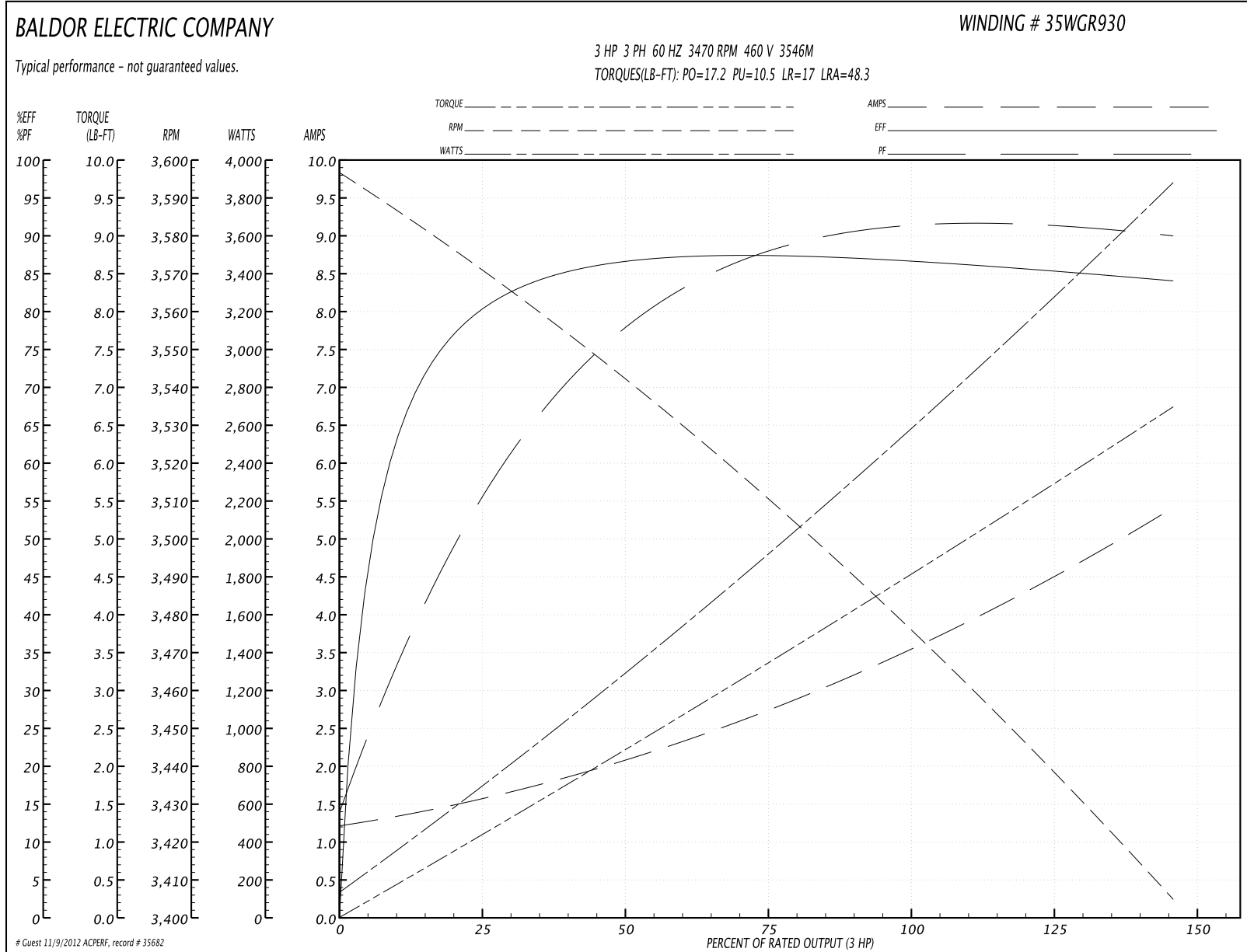
Parts List		
Part Number	Description	Quantity
SA191853	SA 35VV818R930G1	1.000 EA
RA179509	RA 35VV818R930G1	1.000 EA
34FN3002A01SP	EXTERNAL FAN, PLASTIC, .637/.639 HUB W/	1.000 EA
NS2512A01	INSULATOR, CONDUIT BOX X	1.000 EA
35CB5001A17	KOBX KIT, (ALL STAINLESS) W/ .75 NPT	1.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
HW3001B01	003SS CUP WASHER, FOR #8 SCREW	1.000 EA
35EP1913A02	FR EP MADE FROM 35EP1913A01	1.000 EA
HW4500A33	1/8 NPT STAINLESS,HOLO-KROME #13002,PRES	3.000 EA
HW4606A01	JM CLIPPER/SEAL (WDE-0667-1064-BH49)	1.000 EA
HW5100A03SP	WAVY WASHER (W1543-017)	1.000 EA
35PE1914A02	PU EP ASSY. FOR LOCKED BRG	1.000 EA
HW4606A02	JM CLIPPER/SEAL (LWE-0938-1624-AL23)	1.000 EA
12XN1032S22	10-32 X 1 3/8 SLOT HEX, 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
51XB1214A16	12-14X1.00 HXWSSLD SERTYB	1.000 EA
35FH4005A39	IEC FH NO GREASER (#304 SS)CLEAN ONLY	1.000 EA
10XN1032S06	HEX HD CAP SCREW, SS	3.000 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
MJ1000A75	GREASE, POLYREX EM EXXON	0.050 LB
HA3100S04	THRUBOLT- 10-32 X 11.250 302 OR 303 SS	4.000 EA

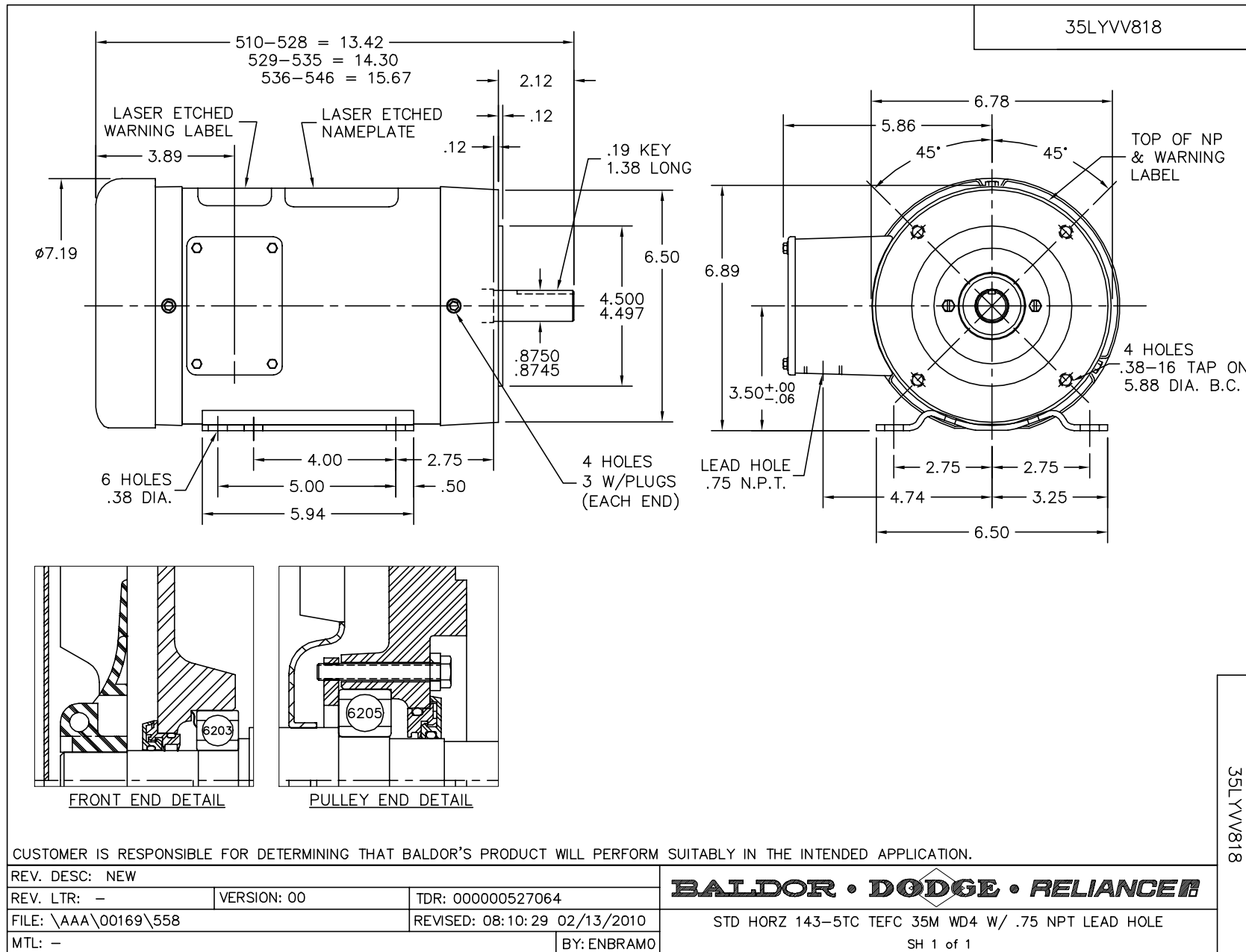
Parts List (continued)		
Part Number	Description	Quantity
LB1357	ENERGY GUIDE LABEL (BOX LABEL)	1.000 SH
LB1125C02	SUPER-E (STOCK CTN LABEL SUPER-E WITH FL	1.000 EA
36PA1000	PACK GROUP W/LB5001	1.000 EA

Performance Data at 460V, 60Hz, 3.0HP (Typical performance - Not guaranteed values)

General Characteristics							
Full Load Torque:	4.5 LB-FT			Start Configuration:	DOL		
No-Load Current:	1.25 Amps			Break-Down Torque:	17.2 LB-FT		
Line-line Res. @ 25°C.:	3.48 Ohms A Ph / 0.0 Ohms B Ph			Pull-Up Torque:	10.5 LB-FT		
Temp. Rise @ Rated Load:	63 C			Locked-Rotor Torque:	17.0 LB-FT		
Temp. Rise @ S.F. Load:	74 C			Starting Current:	48.3 Amps		
Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	59.0	79.0	87.0	90.0	91.0	90.0	91.0
Efficiency:	80.1	86.4	87.3	86.9	85.7	83.9	86.2
Speed:	3567.0	3541.0	3510.0	3479.0	3443.0	3403.0	3457.0
Line Amperes:	1.53	2.07	2.78	3.55	4.42	5.4	4.07

Performance Graph at 460V, 60Hz, 3.0HP Typical performance - Not guaranteed values





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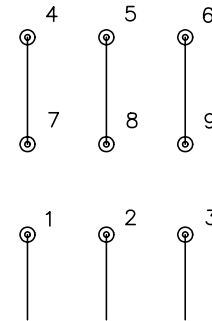


LOW VOLTAGE
(2Y)



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
900000		FILE: AAA00005140	MDL: -
		MTL: -	

BALDOR ELECTRIC Co.

3PH, DV, 9 LEADS

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