

BALDOR® • RELIANCE

Product Information Packet

VSSFWD3546

1HP,1745RPM,3PH,60HZ,56C,3524M,TEFC,F1,N

Part Detail									
Revision:	E	Status:	PRD/A	Change #:		Proprietary:	No		
Type:	AC	Prod. Type:	3524M	Elec. Spec:	35WGP560	CD Diagram:			
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	35W179	Layout:			
Frame:	56C	Mounting:	F1	Poles:	04	Created Date:	08-04-2010		
Base:	N	Rotation:	R	Insulation:	F	Eff. Date:	11-14-2012		
Leads:	9#18	Literature:		Elec. Diagram:		Replaced By:			
Nameplate NP1951A01									
CAT.NO.	VSSFWDWM3546								
SPEC.	35W179P560H1								
HP	1								
VOLTS	208-230/460								
AMP	3-2.9/1.45								
RPM	1745								
FRAME	56C	HZ	60	PH	3				
SER.F.	1.15	CODE	M	DES	B	CLASS	F		
NEMA-NOM-EFF	85.5	PF	76						
RATING	40C AMB-CONT								
CC		USABLE AT 208V							
DE	6205	ODE	6203						
ENCL	TEFC	SN							

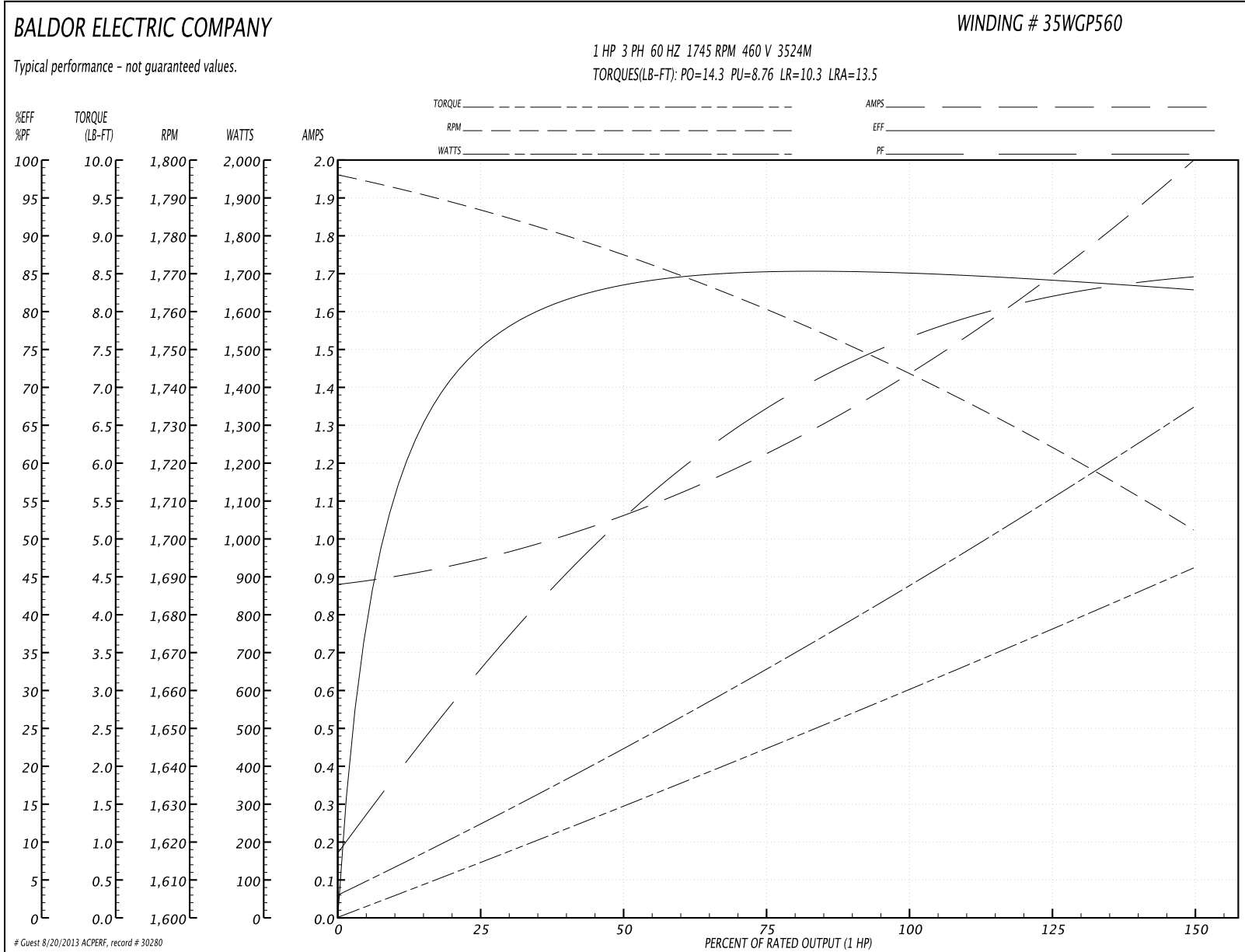
Parts List		
Part Number	Description	Quantity
SA201189	SA 35W179P560H1	1.000 EA
RA188493	RA 35W179P560H1	1.000 EA
NS2512A01	INSULATOR, CONDUIT BOX X	1.000 EA
35CB5001A08	CONDUIT BOX KIT, S/P 9-2 (ALL STAINLESS)	1.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
35FE1913A02	FR ENDPLATE ASSY	1.000 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
HA7000A04	KEY RETAINER 0.625 DIA SHAFTS	1.000 EA
MJ5001A02	732 CL SEALANT 3 OZ DIXIE BEARING 289100	0.001 EA
MJ1000A75	GREASE, POLYREX EM EXXON	0.050 LB
35FN3002A05SP	EXFN, PLASTIC, 6.376 OD, .638 ID	1.000 EA
HA3100S14	THRUBOLT 10X32 X 8.875 302 OR 303 SS	4.000 EA
LB1125C04	STD-E (STOCK CTN LABEL STD-E WITH FLAG)	1.000 EA
36PA1000	PACK GROUP W/LB5001	1.000 EA

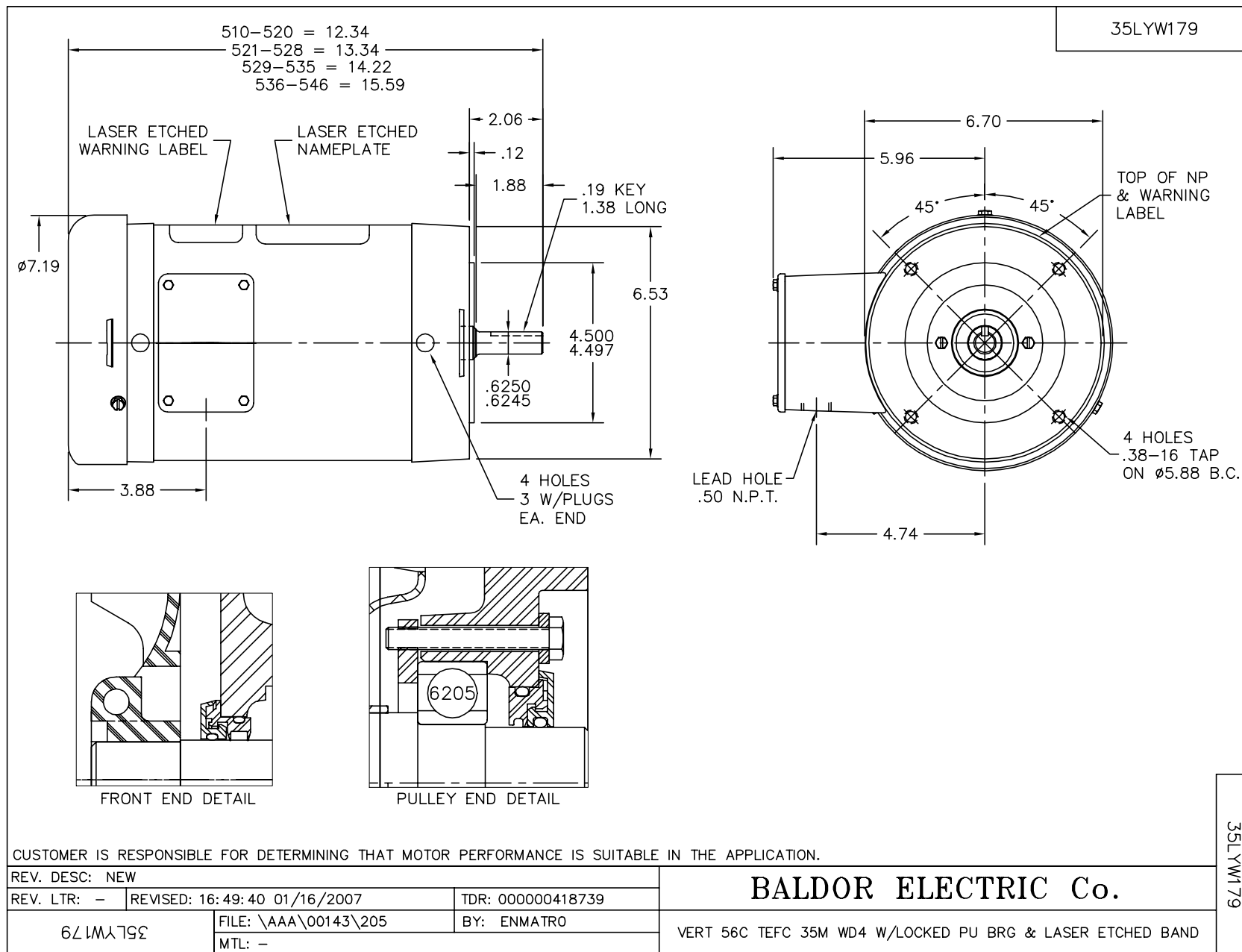
Parts List (continued)		
Part Number	Description	Quantity
PK3082	STYROFOAM CRADLE	1.000 EA

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

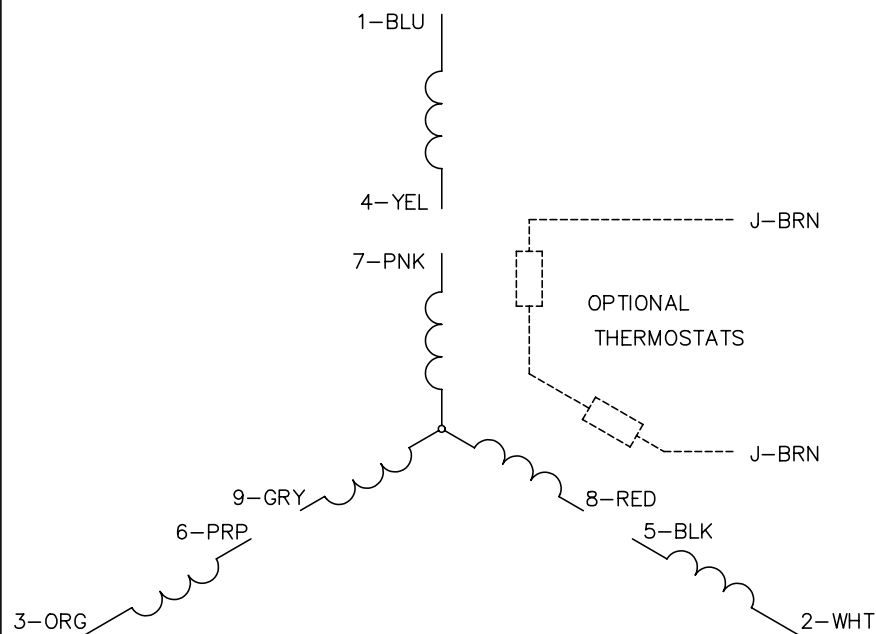
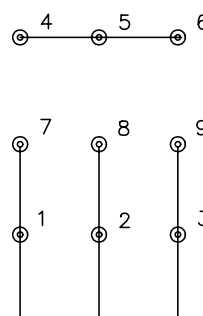
General Characteristics							
Full Load Torque:		3.02 LB-FT		Start Configuration:		DOL	
No-Load Current:		0.89 Amps		Break-Down Torque:		14.3 LB-FT	
Line-line Res. @ 25°C.:		15.922 Ohms A Ph / 0.0 Ohms B Ph		Pull-Up Torque:		8.76 LB-FT	
Temp. Rise @ Rated Load:		85 C		Locked-Rotor Torque:		10.3 LB-FT	
Temp. Rise @ S.F. Load:		101 C		Starting Current:		13.5 Amps	
Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	33.0	53.0	67.0	76.0	81.0	85.0	79.0
Efficiency:	74.6	83.4	85.4	85.5	84.7	82.6	85.0
Speed:	1783.9	1773.9	1759.9	1743.9	1730.8	1698.3	1736.0
Line Amperes:	0.935	1.05	1.22	1.45	1.7	1.99	1.6

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

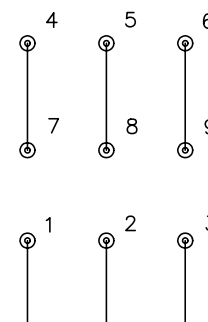




CD0005


 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

900000

FILE: AAA00005140

MDL: -

MTL: -

BALDOR ELECTRIC Co.

3PH, DV, 9 LEADS

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