

BALDOR® • RELIANCE

Product Information Packet

IDWNM3546T

1HP,1750RPM,3PH,60HZ,143TC,3524M,TENV,F1

Part Detail									
Revision:	H	Status:	PRD/A	Change #:		Proprietary:	No		
Type:	AC	Prod. Type:	3524M	Elec. Spec:	35WGP560	CD Diagram:			
Enclosure:	TENV	Mfg Plant:		Mech. Spec:	35TT996	Layout:			
Frame:	143TC	Mounting:	F1	Poles:	04	Created Date:	12-22-2009		
Base:	RG	Rotation:	R	Insulation:	H	Eff. Date:	09-20-2012		
Leads:	9#18	Literature:		Elec. Diagram:		Replaced By:			
Nameplate NP1608L									
CAT NO	IDWNM3546T								
SPEC.	35TT996P560G1								
FRAME	143TC	HP	1	TE					
VOLTS	230/460								
MAG CUR	1.8/.9	FLA	2.9/1.45						
RPM	1745	RPM MAX	6000						
HZ	60	PH	3	CLASS	H				
SER.F.	1.00	DES	B	SL HZ	1.7				
NEMA-NOM-EFF	85.5	WK2	0.142						
BLWR V		PH		HZ		A			
RATING	40C AMB-CONT								
DE BRG	6205	ODE BRG	6203						
CC		SN							

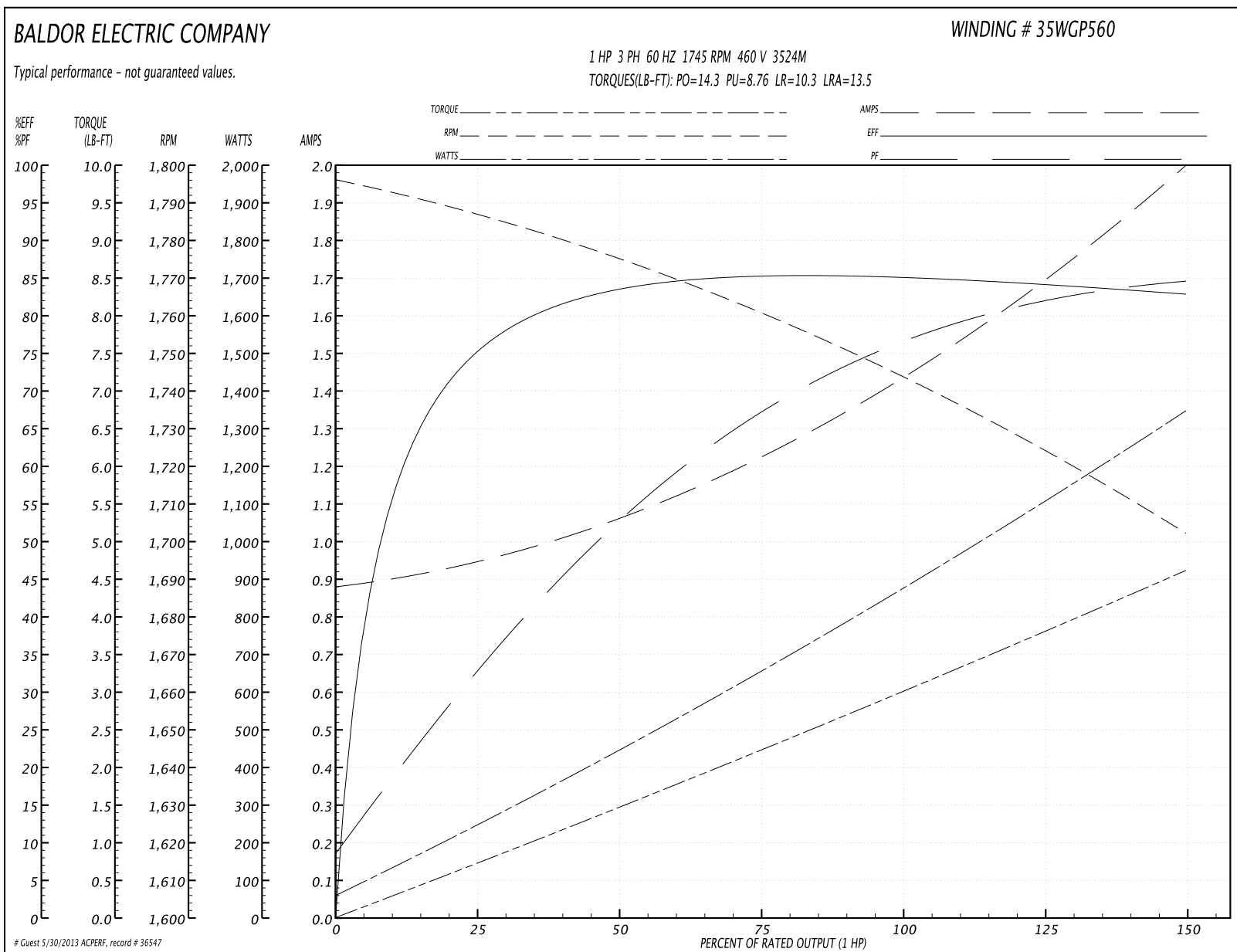
Parts List		
Part Number	Description	Quantity
SA189053	SA 35TT996P560G1	1.000 EA
RA176772	RA 35TT996P560G1	1.000 EA
NS2512A01	INSULATOR, CONDUIT BOX X	1.000 EA
35CB3010A01W	35 CB .75 NPT @ 6:00, WHITE EPOXY	1.000 EA
35GS1039	05 MOLDED GASKET W/LIP, 1.12 LEAD HOLE,	1.000 EA
51XB1016A07	10-16 X 7/16 HXWSSLD SERTYB	2.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
35EP3100M70MW	FR TENV 203 BRG WD W/ THRU-SHAFT ENCODER	1.000 EA
HW4032A01	BLACK DRAIN PLUG FOR WASH DOWN MOTORS	3.000 EA
HW4600A09SP	SEAL 0.656 X 1.124 X 0.250 DOUBLE SHIELD	1.000 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
35FH4801W	THRU-SHAFT ENCODER COVER INV/VEC F1 & F2	1.000 EA
WD4129	1.50 X 1.50 GRAY SNAP IN PLUG PROMOULD #	2.000 EA
10XN2520S08	SCREW, 1/4-20 X 1/2 HHCS SS	4.000 EA
10XN2520S08	SCREW, 1/4-20 X 1/2 HHCS SS	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

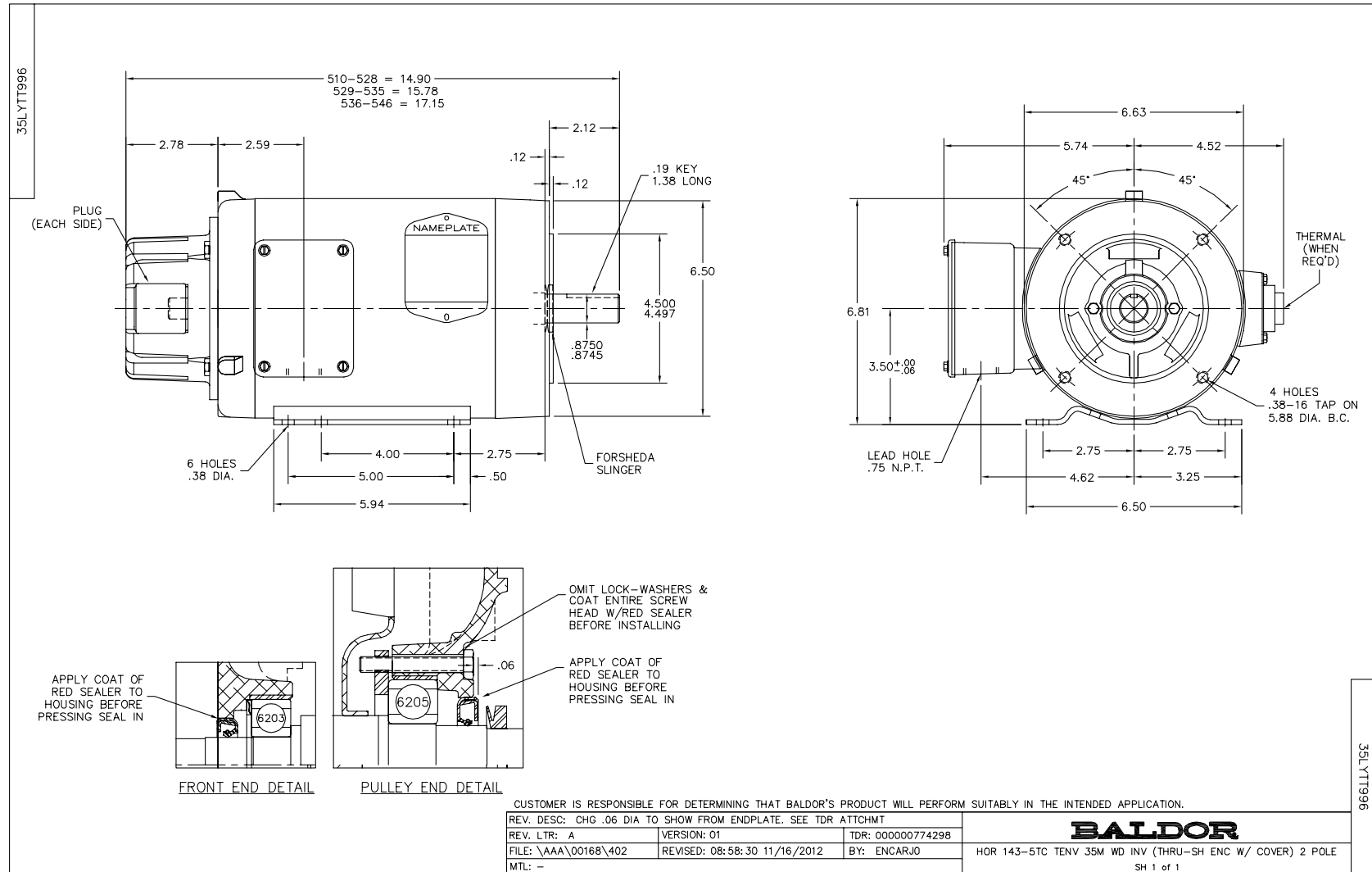
Parts List (continued)		
Part Number	Description	Quantity
HA7000A01	KEY RETAINER 7/8" DIA SHAFT	1.000 EA
MJ5004A05	#242-21 LOCTITE GENERAL PURPOSE MED. STR	0.005 EA
MJ5001A01	46-665 RED SEALER	0.001 QT
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
LB1164	LABEL,WARNING AND DRAIN	1.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON	0.050 LB
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
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000 EA
LC0145B01	CONNECTION LABEL	1.000 EA
NP1608L	SS WD INV UL CSA CC REV MTG	1.000 EA
PA1000	PACKING GROUP 3500 SHORT	1.000 EA
LB1506	LABEL "AMERICAN MADE" 1.50 X 1.00	1.000 EA

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

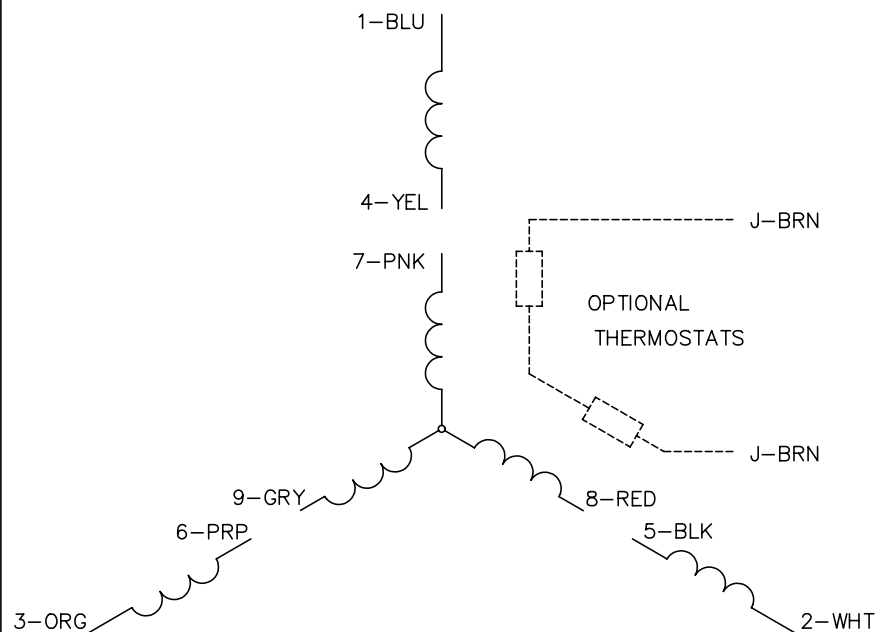
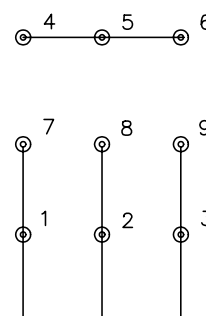
General Characteristics							
Full Load Torque:		3.02 LB-FT		Start Configuration:		DOL	
No-Load Current:		0.89 Amps		Break-Down Torque:		14.3 LB-FT	
Line-line Res. @ 25°C.:		15.8 Ohms A Ph / 0.0 Ohms B Ph		Pull-Up Torque:		8.76 LB-FT	
Temp. Rise @ Rated Load:		85 C		Locked-Rotor Torque:		10.3 LB-FT	
Temp. Rise @ S.F. Load:		100 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	0.0
Efficiency:	74.5	82.9	85.2	85.2	84.7	82.6	0.0
Speed:	1784.0	1774.0	1760.0	1744.0	1731.0	1698.0	0.0
Line Amperes:	0.935	1.05	1.22	1.45	1.7	1.99	0.0

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

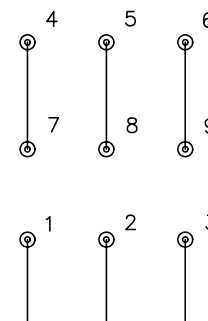




CD0005


 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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