

BALDOR® • RELIANCE

Product Information Packet

ZDVSNM3584T

1.5HP,1755RPM,3PH,60HZ,145TC,0533M,TENV

Part Detail							
Revision:	H	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	0533M	Elec. Spec:	05WGX130	CD Diagram:	CD0005
Enclosure:	TENV	Mfg Plant:		Mech. Spec:	05E532	Layout:	05LYE532
Frame:	145TC	Mounting:	F1	Poles:	04	Created Date:	08-24-2010
Base:	RG	Rotation:	R	Insulation:	H	Eff. Date:	09-20-2013
Leads:	9#18					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1168L									
CAT NO	ZDVSNM3584T								
SPEC.	05E532X130Z1								
FRAME	145TC	HP	1.5 TE						
VOLTS	230/460								
MAG CUR	2.4/1.2	FLA	4.2/2.1						
RPM	1755	RPM MAX	4500						
HZ	60	PH	3			CLASS	H		
SER.F.	1.00	DES	B			SL HZ	1.5		
NEMA-NOM-EFF	86.5	WK2	0.2						
BLWR V		PH				HZ		A	
RATING	40C AMB-CONT								
DE BRG	6205	ODE BRG	6203						
CC		SER.NO							

Parts List		
Part Number	Description	Quantity
SA202467	SA 05E532X130Z1	1.000 EA
RA189745	RA 05E532X130Z1	1.000 EA
06CB3000	BALDOR CONDUIT BOX CAST	1.000 EA
06GS1000	GASKET,CONDUIT BOX	1.000 EA
51XW2520A12	SCREW, HEX SER SLT HD, ZN, 1/4-20 X .75	2.000 EA
51XW2520A12	.25-20 X .75, TAPTITE II, HEX WSHR SLTD	2.000 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
35EP1100B45	FRONT TENV 203 BRG W/GRSR & THRU-SHAFT E	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
HW5100A03SP	WAVY WASHER (W1543-017)	1.000 EA
35EP1329A01	PU EP ENCL 143-5TC 205 BRG W/GRSR & STD	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
51XN1032A20	10-32 X 1 1/4 HX WS SL SR	2.000 EA
HA3100A28	THRUBOLT 10-32 X 8.187	4.000 EA
10XN2520A08	1/4-20X1/2 HEX HEAD CAP	1.000 EA
35FH4801G	THRU-SHAFT ENCODER COVER INV/VECTOR F1 &	1.000 EA
10XN2520A08	1/4-20X1/2 HEX HEAD CAP	4.000 EA
06CB3500	BALDOR CONDUIT BOX LID	1.000 EA
06GS1001	BALDOR CONDUIT BOX GASKET	1.000 EA
HW2501D13SP	KEY, 3/16 SQ X 1.375	1.000 EA
HA1005A05SP	SLINGER, OD 1.50, ID .659, 203 BRG	1.000 EA
HA7000A01	KEY RETAINER 7/8" DIA SHAFT	1.000 EA
MJ5004A05	#242-21 LOCTITE GENERAL PURPOSE MED. STR	0.005 EA

Parts List (continued)		
Part Number	Description	Quantity
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.050 LB
OE5011A05SP	HS25 ENCODER ASSY - TENV	1.000 EA
MG1000N49	MUNSELL 8.5BG 3.57/2.0, GLOSS 30, B/G,	0.022 GA
LB1119N	WARNING LABEL	1.000 EA
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000 EA
LC0145B01	CONNECTION LABEL	1.000 EA
NP1168L	ALUM VEC UL CSA CC	1.000 EA
36PA1001	PACKAGING GROUP	1.000 EA
LB1506	LABEL "AMERICAN MADE" 1.50 X 1.00	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 10/13	1.000 EA

AC Induction Motor Performance Data

Record # 32131 - Typical performance - not guaranteed values

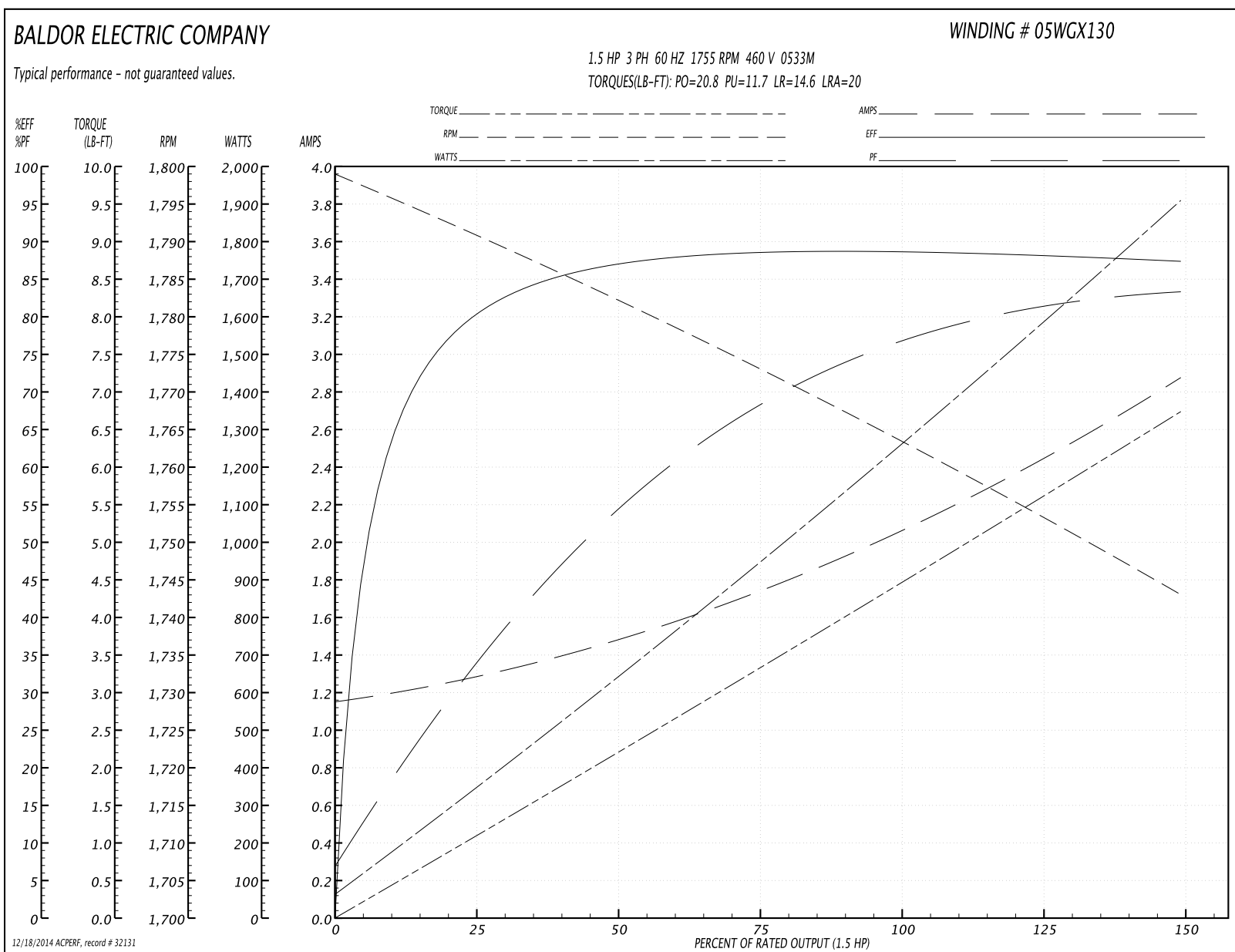
Winding: 05WGX130-R001	Type: 0533M	Enclosure: TENV
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Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	1.5			Full Load Torque	4.45 LB-FT
Volts	230/460			Start Configuration	direct on line
Full Load Amps	4.2/2.1			Breakdown Torque	20.8 LB-FT
R.P.M.	1755			Pull-up Torque	11.7 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	14.6 LB-FT
NEMA Design Code	B	KVA Code	M	Starting Current	20 A
Service Factor (S.F.)	1			No-load Current	1.17 A
NEMA Nom. Eff.	86.5	Power Factor	76	Line-line Res. @ 25°C	8.44 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	50°C

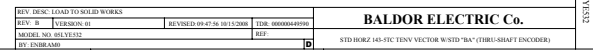
Load Characteristics 460 V, 60 Hz, 1.5 HP

% of Rated Load	25	50	75	100	125	150
Power Factor	35	54	68	76	81	84
Efficiency	80.4	87	88.3	88.8	88.2	87.3
Speed	1791	1782	1773	1764	1753	1743
Line amperes	1.26	1.46	1.76	2.07	2.45	2.87

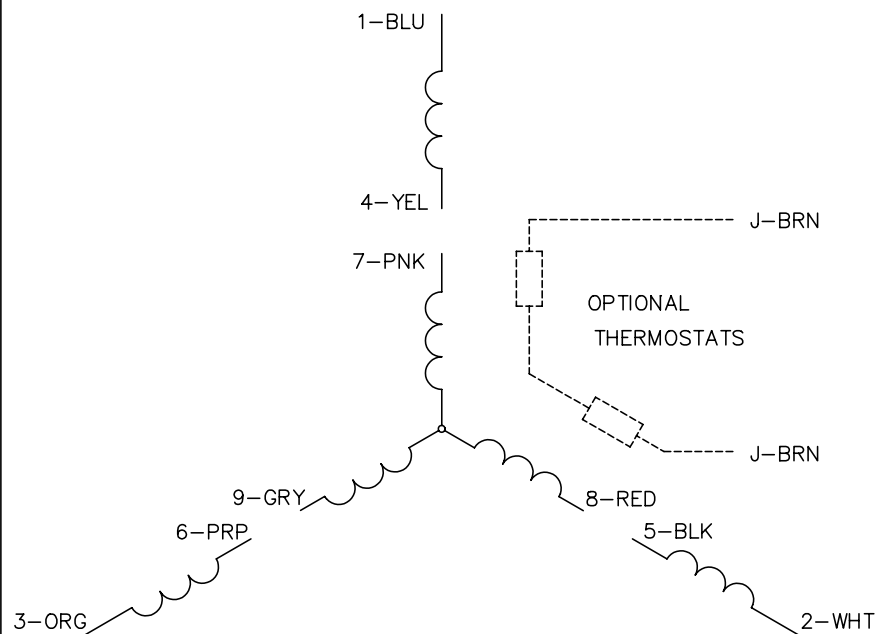
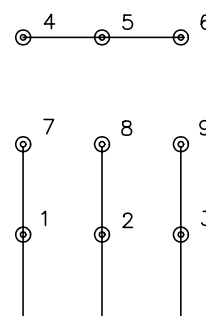
Performance Graph at 460V, 60Hz, 1.5HP Typical performance - Not guaranteed values



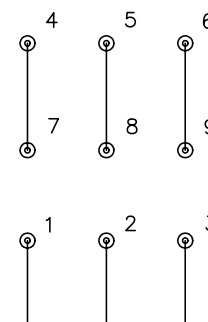
12/18/2014 ACPERF, record # 32131



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

CD0005