

BALDOR® • RELIANCE

Product Information Packet

CHM565A

1HP,1140RPM,3PH,60HZ,56,1924M,TEAO,F1,N

Part Detail							
Revision:	K	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	1924M	Elec. Spec:	19WGW067	CD Diagram:	CD0007
Enclosure:	TEAO	Mfg Plant:		Mech. Spec:	19K014	Layout:	19LYK014
Frame:	56	Mounting:	F1	Poles:	06	Created Date:	
Base:	RS	Rotation:	RS	Insulation:	B	Eff. Date:	08-16-2013
Leads:	12#18					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1986A						
CAT.NO.	CHM565A	ENCL		TEAO		
SPEC.	19K014W067	FRAME		56		
HP	1					
VOLTS	208-230/460					
AMPS	3.7-3.6/1.8					
RPM	1140					
HZ	60	PH		3	CL	B
SER.F.	1.15	DES		B	CODE	K
FL EFF	74	PF		68		
RATING	40C AMB-CONT					
SF AMP		USABLE AT 208V				
SER.						
MANUAL	N	AUTO		Y	NONE	N
BLANK						

Parts List		
Part Number	Description	Quantity
SA086825	SA 19K014W067	1.000 EA
RA079853	RA 19K014W067	1.000 EA
TPMYJ58KX	THERMAL 3PH 0.75 AUT 120C	1.000 EA
11XT0832G06	8-32 X 3/8 TY 23 TAPPING	1.000 EA
19EP3200FT01	FRONT EP MACHINING 19 FRAME 203 BRG ENCL	1.000 EA
RM1000A04	CUSHION RING, MDL 34	1.000 EA
HA6005A01	CLAMP, BASE	2.000 EA
51XN1032A18	10-32 X 1 1/8 HX WS SL SR (ESKAY)	1.000 EA
XY1032A02	10-32 HEX NUT DIRECTIONAL SERRATION	1.000 EA
LD5000A01	LEAD ASSY, ML1400DF14 W/(2) #10 RING 7"	1.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	2.000 EA
HW1003A10	WASHER, #10 EX TH LK, ZN X	2.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000 EA
51XB1016A05	10-16X5/16HX WA SL SR TYB (F/S)	2.000 EA
HW5100A03SP	WAVY WASHER (W1543-017)	1.000 EA
19EP3203BT03	PUEP MACH 19 203 ENCL W/HUB NO THERM, F/	1.000 EA
RM1000A04	CUSHION RING, MDL 34	1.000 EA
HA6005A01	CLAMP, BASE	2.000 EA
51XN1032A18	10-32 X 1 1/8 HX WS SL SR (ESKAY)	1.000 EA
XY1032A02	10-32 HEX NUT DIRECTIONAL SERRATION	1.000 EA
XY1032A02	10-32 HEX NUT DIRECTIONAL SERRATION	4.000 EA
19CB4501	TERMINAL BOX LID, STAMPED	1.000 EA
19GS1003	GASKET, TERM PLATE LID	2.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	2.000 EA

Parts List (continued)		
Part Number	Description	Quantity
HW2501D13SP	KEY, 3/16 SQ X 1.375	1.000 EA
HA7000A04	KEY RETAINER 0.625 DIA SHAFTS	1.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.050 LB
SP1042A01	TERM BOARD, MODEL 17 3 PHASE FOR .75" TH	1.000 EA
35BA4002H01A	RESILIENT BASE, STAMPED	1.000 EA
HA3100A64	THRUBOLT 10-32 X 9.875	4.000 EA
LB1172A01	CUSTOM MTR CARTON LABEL LASER PRINTER	1.000 EA
LC0007	CONNECTION LABEL	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 10/13	1.000 EA
NP1986A	CM NAMEPLATE, BOXES, UL & CSA	1.000 EA
36PA1000	PACK GROUP W/LB5001	1.000 EA
LB1506	LABEL "AMERICAN MADE" 1.50 X 1.00	1.000 EA

AC Induction Motor Performance Data

Record # 6171 - Typical performance - not guaranteed values

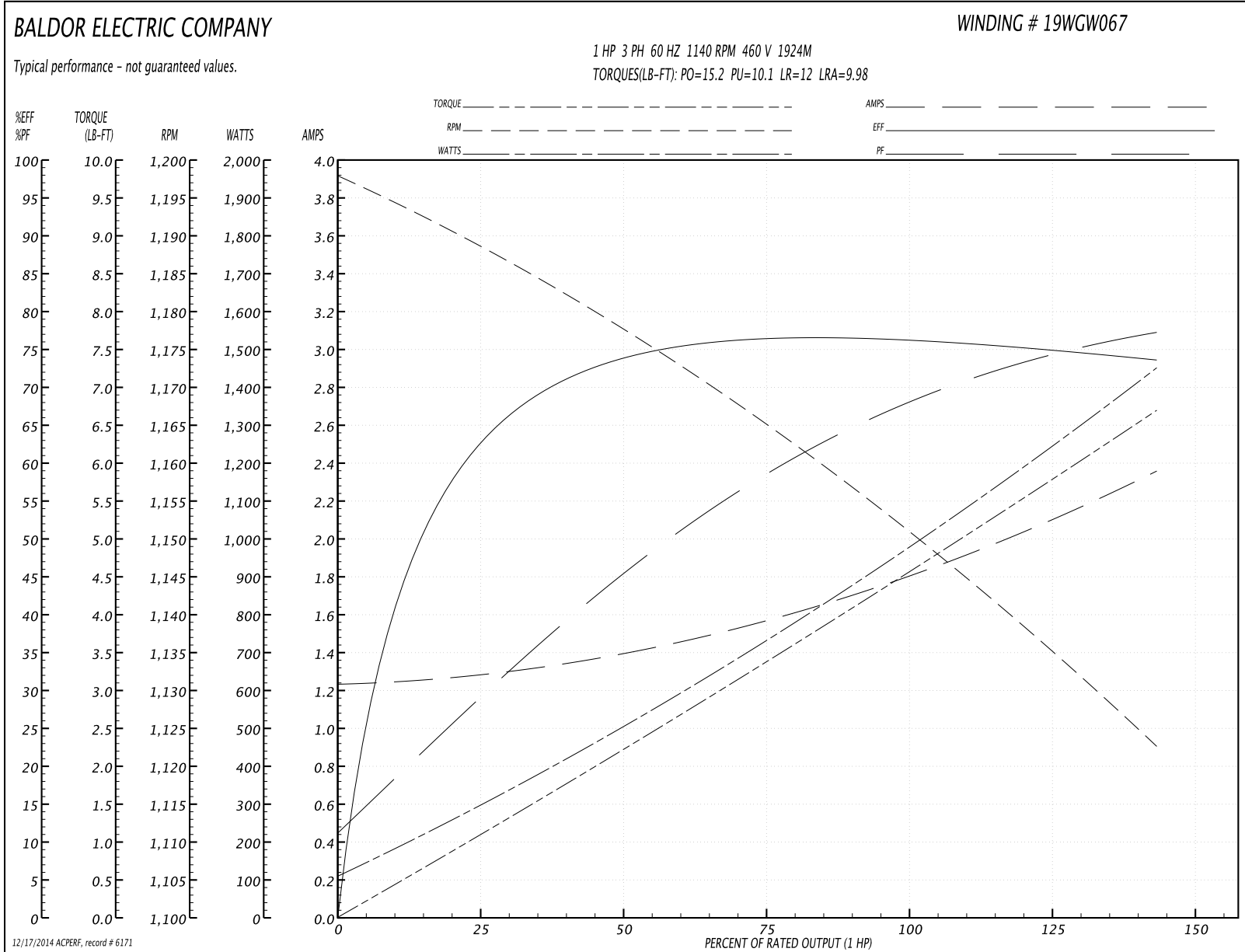
Winding: 19WGW067-R001	Type: 1924M	Enclosure: TEAO
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Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	1			Full Load Torque	4.47 LB-FT
Volts	208-230/460			Start Configuration	direct on line
Full Load Amps	3.7-3.6/1.8			Breakdown Torque	15.2 LB-FT
R.P.M.	1140			Pull-up Torque	10.1 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	12 LB-FT
NEMA Design Code	B	KVA Code	K	Starting Current	9.98 A
Service Factor (S.F.)	1.15			No-load Current	1.23 A
NEMA Nom. Eff.	74	Power Factor	68	Line-line Res. @ 25°C	21.05 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	32°C
S.F. Amps				Temp. Rise @ S.F. Load	37°C
				Rotor inertia	0.142 LF ²

Load Characteristics 460 V, 60 Hz, 1 HP

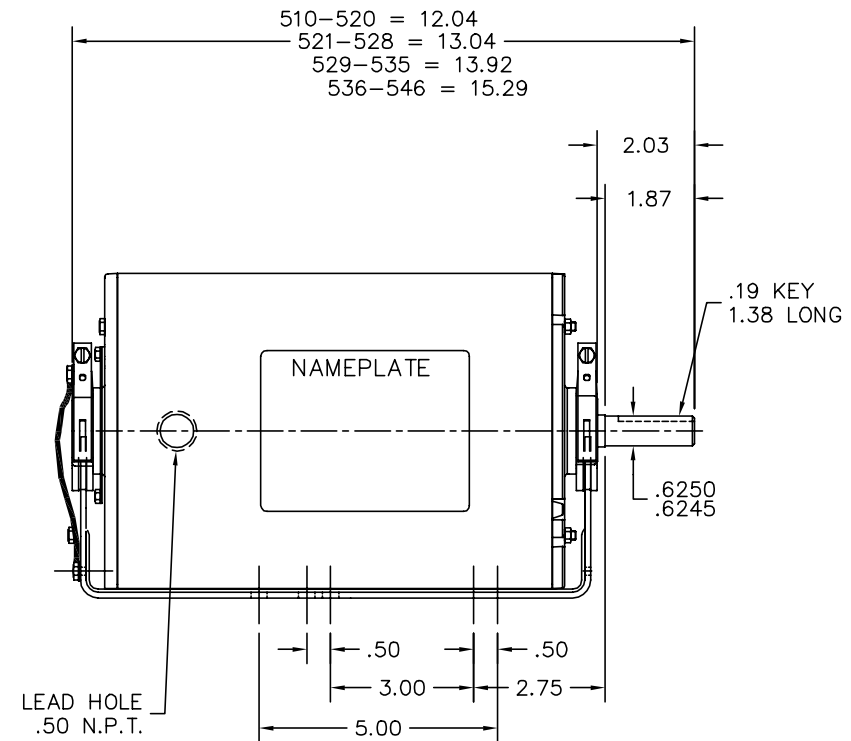
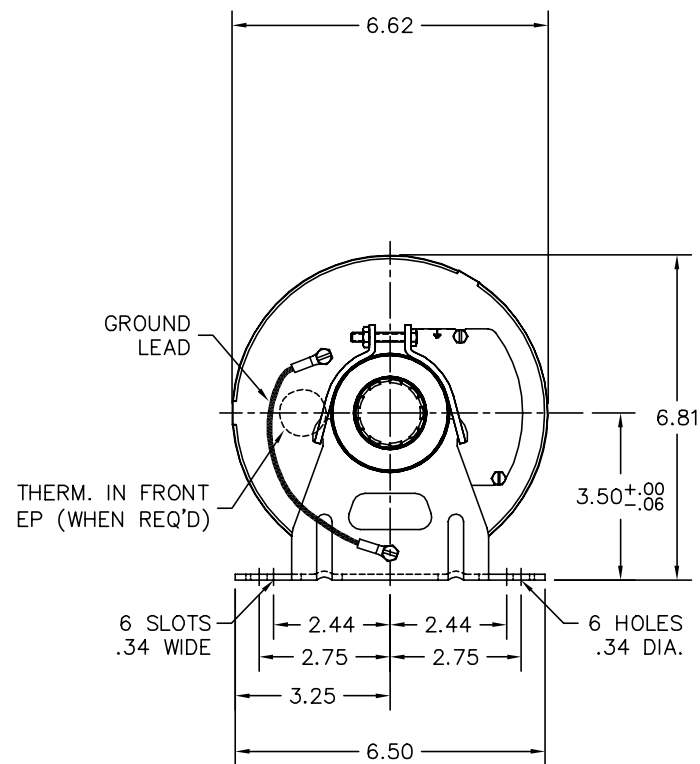
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	31	46	57	68	73	78	71
Efficiency	59.1	72.8	78.6	75.9	75.4	73.4	75.6
Speed	1187	1177	1166	1153	1138	1122	1144
Line amperes	1.29	1.4	1.55	1.78	2.07	2.35	1.95

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



12/17/2014 ACPERF, record # 6171

19LYK014



CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT MOTOR PERFORMANCE IS SUITABLE IN THE APPLICATION.

REV. DESC: CHG FREP FROM 19EP3200DT01 TO -FT01

REV. LTR: C BY: BDB REVISED: 15:37:31 08/30/2004 TDR: 341940

19LYK014

FILE: AAA00092603

REF: 19LYK014

MTL: -

BALDOR ELECTRIC Co.

RESIL 56/56H TEAO 19M W/TERM PLATE

19LYK014

