

BALDOR® • RELIANCE

Product Information Packet

CHC545A

1HP,1700RPM,1PH,60HZ,56,1924C,TEAO,F1

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Part Detail							
Revision:	X	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	1924C	Elec. Spec:	19WGW073	CD Diagram:	
Enclosure:	TEAO	Mfg Plant:		Mech. Spec:	19K013	Layout:	
Frame:	56	Mounting:	F1	Poles:	04	Created Date:	
Base:	RS	Rotation:	RS	Insulation:	B	Eff. Date:	09-12-2012
Leads:	6#18,1#14 #1TH	Literature:		Elec. Diagram:		Replaced By:	
Nameplate NP1986A							
CAT.NO.	CHC545A		ENCL		TEAO		
SPEC.	19K013W073		FRAME		56		
HP	1						
VOLTS	115/230						
AMPS	9.8/4.9						
RPM	1700						
HZ	60	PH			1	CL	B
SER.F.	1.00	DES			-	CODE	F
FL EFF	72	PF					
RATING	40C AMB-CONT						
SF AMP				USABLE AT 208V			
SER.							
MANUAL	N	AUTO			Y	NONE	N
BLANK							

Parts List		
Part Number	Description	Quantity
SA086804	SA 19K013W073	1.000 EA
RA079832	RA 19K013W073	1.000 EA
OC3020F12SP	CYL OIL CAP 20MFD/370V	1.000 EA
TPMRJ24DS	THERMAL 1PH 0.75 AUT 135C	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
35CB4802A02SP	CAPACITOR COVER, STAMPED X W/AUTOPHORET	1.000 EA
35GS3001A02	GASKET, CA.COVER, 5.38 LONG .06 CS301	1.000 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

Parts List (continued)		
Part Number	Description	Quantity
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
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	0.050 LB
WD1000A15	3-520132-2 AMP FLAG (4M/RL NON-CANC/NON-	2.000 EA
NS2501A01	INSULATOR, CAPACITOR	1.000 EA
SP5132A03	MDL 19L TERM PANEL SWITCH W/TABS & 3/4 T	1.000 EA
35BA4002C01A	RESL BASE, STAMPED W/AUTOPHORETIC PRIMER	1.000 EA
HA3100A25	THRUBOLT 10-32 X 11.000	4.000 EA
LB1172A01	CUSTOM MTR CARTON LABEL LASER PRINTER	1.000 EA
LC0052	CONNECTION LABEL	1.000 EA
LB5040	INSTRUCTION TAG, AC & DC	1.000 EA
NP1986A	CM NAMEPLATE, BOXES, UL & CSA	1.000 EA
35PA1067	PACK GROUP COMBINED PRINT WITH OSB BASE	1.000 EA

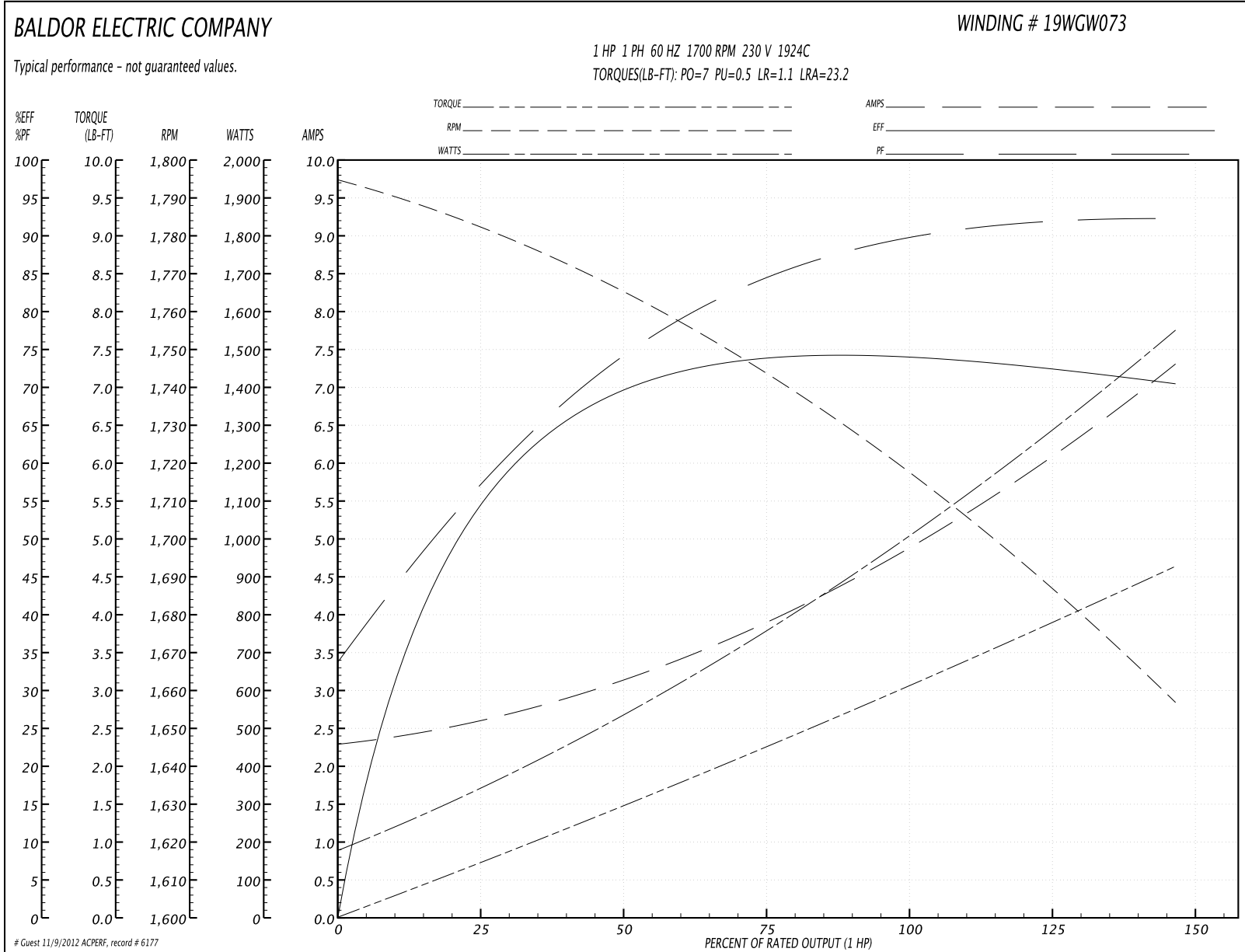
Performance Data at 230V, 60Hz, 1.0HP (Typical performance - Not guaranteed values)**General Characteristics**

Full Load Torque:	3.1 LB-FT	Start Configuration:	DOL
No-Load Current:	2.3 Amps	Break-Down Torque:	7.0 LB-FT
Line-line Res. @ 25°C.:	2.9 Ohms A Ph / 8.08 Ohms B Ph	Pull-Up Torque:	0.5 LB-FT
Temp. Rise @ Rated Load:	57 C	Locked-Rotor Torque:	1.1 LB-FT
Temp. Rise @ S.F. Load:		Starting Current:	23.2 Amps

Load Characteristics

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	60.0	77.0	84.0	89.0	91.0	92.0	0.0
Efficiency:	54.3	69.2	73.9	74.6	73.1	70.0	0.0
Speed:	1781.0	1761.0	1742.0	1718.0	1689.0	1655.0	0.0
Line Amperes:	2.6	3.2	4.0	4.9	6.1	7.3	0.0

Performance Graph at 230V, 60Hz, 1.0HP Typical performance - Not guaranteed values





REV. DESC: REPLACED 19EP3203BT02 WITH --BT03

REV. LTR: C	BY: BDB	REVISED: 14: 46: 07 08/29/2003	TDR: 310781
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FILE: AAA00092489	REF: 19LYK013
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19LK013

MTL: —

BALDOR ELECTRIC Co.

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

19LYK013

CD0381

