



Product Information Packet

CL5013

1.5HP,1725RPM,1PH,60HZ,184C,X3628L,XPFC

Part Detail							
Revision:	AD	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Elec. Spec:	36WG0079	CD Diagram:	CD0001	Mfg Plant:	
Mech. Spec:	36N011	Layout:	36LYN011	Poles:	04	Created Date:	
Base:	RG	Eff. Date:	09-10-2015	Leads:	4#14 A PH,2#16 B PH		

Specs			
Catalog Number:	CL5013	Inverter Code:	Not Inverter
Enclosure:	XPFC	KVA Code:	L
Frame:	184C	Lifting Lugs:	No Lifting Lugs
Frame Material:	Steel	Locked Bearing Indicator:	No Locked Bearing
Output @ Frequency:	1.500 HP @ 60 HZ	Motor Lead Quantity/Wire Size:	4 @ 14 AWG, A PH
Synchronous Speed @ Frequency:	1800 RPM @ 60 HZ	Motor Lead Exit:	Ko Box
Voltage @ Frequency:	115.0 V @ 60 HZ	Motor Lead Termination:	Flying Leads
	230.0 V @ 60 HZ	Motor Type:	3628L
XP Class and Group:	CLI GP D; CLII GP F,G	Mounting Arrangement:	F1
XP Division:	Division I	Power Factor:	70
Agency Approvals:	UL	Product Family:	General Purpose
	CSA	Pulley End Bearing Type:	Ball
Auxillary Box:	No Auxillary Box	Pulley Face Code:	C-Face
Auxillary Box Lead Termination:	None	Pulley Shaft Indicator:	Standard
Base Indicator:	Rigid	Rodent Screen:	None
Bearing Grease Type:	Polyrex EM (-20F +300F)	Shaft Extension Location:	Pulley End
Blower:	None	Shaft Ground Indicator:	No Shaft Grounding
Current @ Voltage:	19.000 A @ 115.0 V	Shaft Rotation:	Reversible

	9.500 A @ 230.0 V	Shaft Slinger Indicator:	No Slinger
Design Code:	L	Speed Code:	Single Speed
Drip Cover:	No Drip Cover	Motor Standards:	NEMA
Duty Rating:	CONT	Starting Method:	Direct on line
Electrically Isolated Bearing:	Not Electrically Isolated	Thermal Device - Bearing:	NONE (OLD)
Feedback Device:	NO FEEDBACK	Thermal Device - Winding:	Normally Closed Thermostat
Front Face Code:	Standard	Vibration Sensor Indicator:	No Vibration Sensor
Front Shaft Indicator:	None	Winding Thermal 1:	None
Heater Indicator:	No Heater	Winding Thermal 2:	None
Insulation Class:	B	XP Temp Code:	T3C

Nameplate NP1426XPSL

NO.		CC	
SER.			
SPEC.	36N11-79G1		
CAT.NO.	CL5013		
HP	1.5	T. CODE	T3C
VOLTS	115/230		
AMPS	19/9.5		
RPM	1725		
HZ	60	PH	1
SER.F.	1.00	DES	L
RATING	40C AMB-CONT		
FRAME	184C	CL	B
USABLE AT 208V		PF	70
BLANK		NEMA-NOM-EFF	70

Parts List		
Part Number	Description	Quantity
SA037375	SA 36N11-79G1	1.000 EA
RA033400	RA 36N11-79G1	1.000 EA
EC1400A03SP	ELEC CAP, 400-480 MFD, 125V, 1.81D X 3.	1.000 EA
EC1460A03	ELEC CAP 115V 1.8 X 3.3 CK - WESTVILLE	1.000 EA
35CB3001A02SP	EXPL PROOF CONDUIT BOX, 3/4"PIPE TAP LEA	1.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
HW3001B01	BRASS CUP WASHER, FOR #10 SCREW	1.000 EA
36EP3700A02	FR ENDPLATE, MACH	1.000 EA
HW5100A05	WVY WSHR F/205 & 304 BRGS	1.000 EA
36EP1704A02	PU ENDPLATE, MACH	1.000 EA
51XN1032A20	10-32 X 1 1/4 HX WS SL SR	2.000 EA
HW4001A01	1/4 HX SOC PIPE PLG (F/S) ALLOY STEEL W/	2.000 EA
60XN1032A07	10-32 X .4375 TRUSS HEAD, TORX SERRATED	2.000 EA
XY3816A12	3/8-16 FINISHED NUT	4.000 EA
36FN3000A01SP	EXFN, PLASTIC, 7.00 OD, .912 ID	1.000 EA
51XB1214A16	12-14X1.00 HXWSSLD SERTYB	1.000 EA
36FH4009A02	FAN COVER FOR VM7042T,PRIMER	1.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	3.000 EA
35CB3500A01SP	CONDUIT BOX LID, MACH	1.000 EA
51XN2520A16	SCREW, HEX WS SLT, ZN, 1/4-20 X 1.00	4.000 EA
HW2501D13	KEY, 3/16 SQ X 1.375	1.000 EA
HA7000A01	KEY RETAINER 7/8" DIA SHAFT	1.000 EA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	6.000 EA
NP0018F	ALUM UL XP CONDUIT BOX NAMEPLATE	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
HA6003A52	CLAMP, CAPACITOR, WHITE ZINC PLATED	2.000 EA
13XT0832A07	8-32X7/16 TYP 23 PAN HD SLT DX	2.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	2.000 EA
MJ1000A02	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.050 LB
MG1025G29	WILKOFASST, 789.229, DARK CHARCOAL GRAY	0.022 GA
HA3105A06	THRUBOLT- 3/8-16 X 10.500 X	4.000 EA
SP5172A39	37 TYPE L TORQ STAT SWITCH LEAD ASSEMBLY	1.000 EA
LB1119N	WARNING LABEL	1.000 EA
LC0081	CONNECTION LABEL X	1.000 EA
NP1426XPSL	SS XP UL CSA CC CL-I GP-D CL-II GP-F&G	1.000 EA
36PA1001	PKG GRP, PRINT PK1017A06	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 5/18	1.000 EA

AC Induction Motor Performance Data

Record # 20842 - Typical performance - not guaranteed values

Winding: 36WG0079-R003	Type: 3628L	Enclosure: XPFC
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Nameplate Data				230 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	1.5			Full Load Torque	4.5 LB-FT
Volts	115/230			Start Configuration	direct on line
Full Load Amps	19/9.5			Breakdown Torque	14 LB-FT
R.P.M.	1725			Pull-up Torque	12 LB-FT
Hz	60	Phase	1	Locked-rotor Torque	16 LB-FT
NEMA Design Code	L	KVA Code	L	Starting Current	68 A
Service Factor (S.F.)	1			No-load Current	7.1 A
NEMA Nom. Eff.	70	Power Factor	70	Line-line Res. @ 25°C	1.16 Ω A Ph 0.581 Ω B Ph
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	67°C

Load Characteristics 230 V, 60 Hz, 1.5 HP

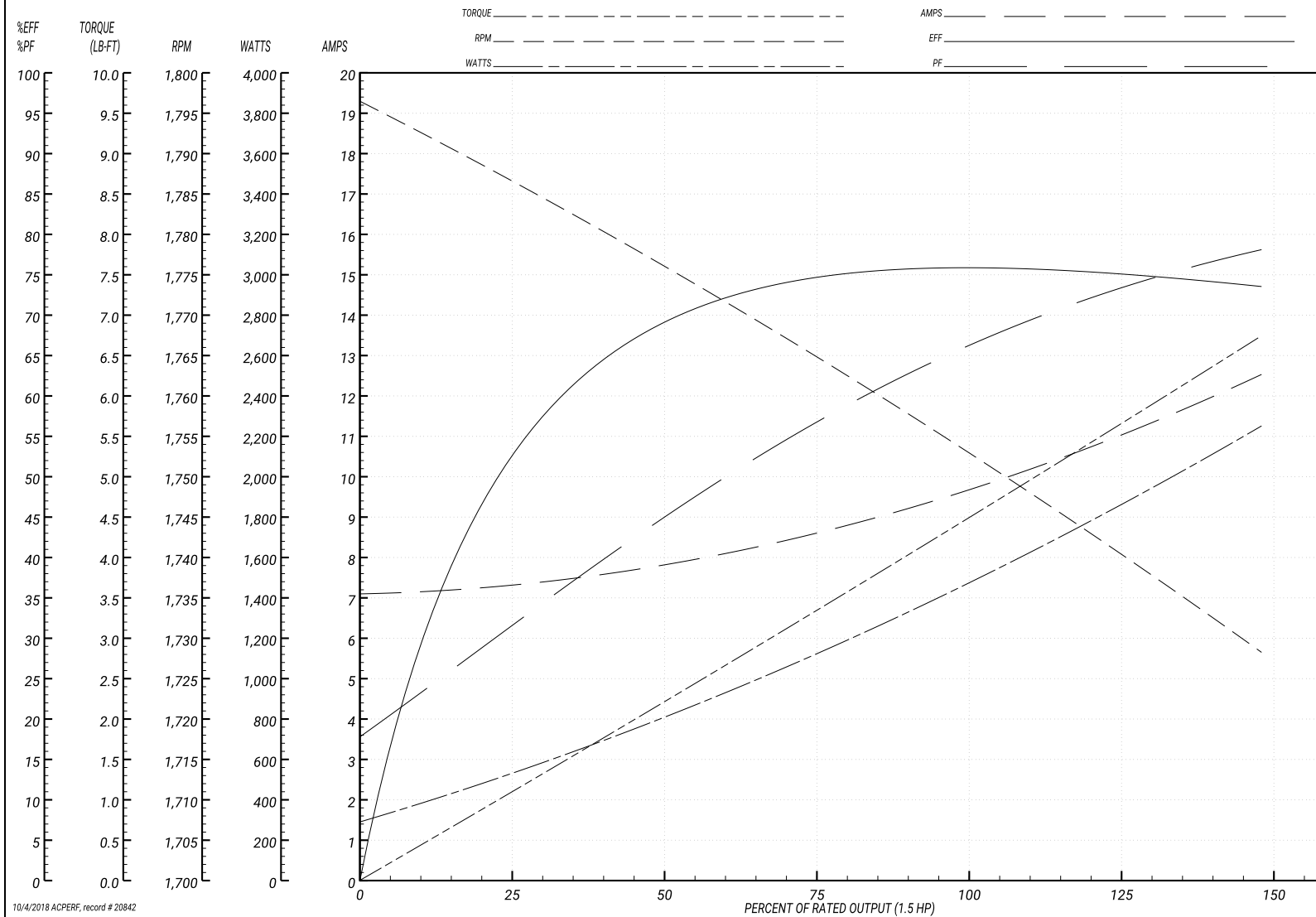
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	38	50	61	68	75	79	0
Efficiency	56.2	66.9	72.6	77.7	76.2	72.8	0
Speed	1784	1776	1764	1754	1742	1727	0
Line amperes	7.3	7.8	8.8	9.6	10.9	12.6	10.4

Performance Graph at 230V, 60Hz, 1.5HP Typical performance - Not guaranteed values

BALDOR ELECTRIC COMPANY

WINDING # 36WG0079

Typical performance - not guaranteed values.

 1.5 HP 1 PH 60 HZ 1725 RPM 230 V 3628L
 TORQUES(LB-FT): PO=14 PU=12 LR=16 LRA=68


10/4/2018 ACPERF, record # 20842

