

BALDOR® • RELIANCE 

Product Information Packet

410B

1.5HP,3600RPM,1PH,60HZ,3528C,BUFF

Part Detail							
Revision:	BF	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Elec. Spec:	G0WG0001	CD Diagram:	CD0279	Mfg Plant:	
Mech. Spec:	G10-168	Layout:	G0LY0168	Poles:	02	Created Date:	08-08-2007
Base:	RG	Eff. Date:	06-14-2017	Leads:	4#18 12" LG		Y

Specs			
Nameplate Output:	1.5		
Product Style:	BUFFER		

Nameplate NP3352L	
CAT.NO.	410B
HP	1.5
PHASE	1
HZ	60
SER.NO	
SPEC.	G10-168-1
BLANK	
	VOLTS 115/230
	AMPS 13.8/6.9
	RPM 3600

Parts List		
Part Number	Description	Quantity
SA037588	SA G10-168-1	1.000 EA
RA033613	RA G10-168-1	1.000 EA
OC3016F12SP	CYL OIL CAP 16MFD/370V	1.000 EA
G8BA3000A01	BASE, MACH	1.000 EA
19XX2510A14	1/4-10 X 7/8 HEX HD PLASTITE SCREW	4.000 EA
HW1000A25	1/4 SAE FLAT WASHER (FS)	4.000 EA
SP9000SP	80600BJ A-H OR 1520237-2 TYCO;2PST,125/2	1.000 EA
HW1003A50	LOCKWASHER,1/2",EXT.TOOTHZINC PLATED	1.000 EA
HA6053A01ZP	CLAMP, CAPACITOR 2" DIA, WHITE ZINC PLAT	1.000 EA
51XN1032A04	10-32 X 0.25 HX WS SL SR	2.000 EA
XY1032A02	10-32 HEX NUT DIRECTIONAL SERRATION	2.000 EA
LD5000A05	LEAD ASSY, JUMPER FOR CAP	1.000 EA
G8CB4500A02	G8-272 BASE COVER,STPD X PLATED	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	2.000 EA
RM1005A01SP	BUMPER- #2089 (R-R CO)	4.000 EA
15XF1032A10	10-32X5/8 PIN HD PHL TY FSEE JT	4.000 EA
G8EP3900A01SP	ENDPLATE, MACH	1.000 EA
G8EP3900A01SP	ENDPLATE, MACH	1.000 EA
HW5100A06	W2420-025 WVY WSHR (WB)	1.000 EA
HW5100A06	W2420-025 WVY WSHR (WB)	1.000 EA
HA1000A34	DR2463A .02 BRG GUARD B N	4.000 EA
HA1025A03	FELT WSH 2.1875 OD X 1.170 ID X .25 #321	2.000 EA
HA3100A14	THRUBOLT 10-32 X 7.875	4.000 EA
XY1032A02	10-32 HEX NUT DIRECTIONAL SERRATION	4.000 EA

Parts List (continued)		
Part Number	Description	Quantity
19XW2520A16	SCREW,1/4-20X1 TAPTITE-II OR ROLOC 91	8.000 EA
HW3020E04	1/8 X 3/8 A GROOVE PIN (DRIV-LOCK #118	2.000 EA
HA6100	WHEEL FLANGE, CAST	4.000 EA
HA2050A01	G10-18SP 1-1/2 DIA C.R.STC1137(WELKER)	2.000 EA
XY8809A62SP	7/8-9 NUT L.H. HEX (NC)	1.000 EA
XY8809A12SP	7/8-9 NUT R.H. HEX (NC)	1.000 EA
RM1010A05	VNYL CAP 1.375-16 701-89 BLACK S/R Q=1	2.000 EA
WD4502A01A02	CONDUIT BOX W/KNOCKOUTS, FOR 7,8 & 10 GR	1.000 EA
51XB1016A06	10-16X3/8 HXWSSLD SERTYB	2.000 EA
WD4503A01	T&B 58 C 1, OUTLET BOX LID	1.000 EA
MG2000A02	RUST VETO-377-HF HOUGHTON	0.001 GA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	1.000 EA
WD4006B01	TYPE O/B+ 3M SCOTCHLOK WIRE CONNECTOR	1.000 EA
MJ1000A02	GREASE, MOBIL POLYREX EM - 124047	0.050 LB
MG1000G01	MUNSELL 5.93PB 3.81/ 2.71	0.017 GA
LB1092	LABEL, WARNING BUFFERS	1.000 EA
LB1009N	LABEL,ROTATION DIRECTION (ON ROLLS)	1.000 EA
WD1000A15	3-520132-2 AMP FLAG (4M/RL NON-CANC/NON-	2.000 EA
LB1119N	WARNING LABEL	1.000 EA
LC0279A01	1PH, DV, FIX, GRINDER, CONN FOR LV	1.000 EA
NP3352L	ALUM NAMEPLATE - BALDOR BUFFER NO LOGOS	1.000 EA
37PA1016	PKG GRP, PRINT PK1035A06	1.000 EA
MN906	Baldor Buffer 6/13	1.000 EA

Accessories		
Part Number	Description	Multiplier
GA16	PEDESTAL INDUSTRIAL, CAST IRON 6" - 10"	A8
GA14	PEDESTAL FABRICATED STEEL W/SHELVES	A8
GA20	PEDESTAL INDUSTRIAL, CAST IRON 8"-14"	A8
GA20E	PEDESTAL LIGHT INDUSTRIAL,STEEL	A8
A103	10" COTTON BUFFING WHEEL (G0AP3004)	A8
BQ1-015-CC	1PH Brake, NEMA 1,110-125 VAC, 50/60Hz	P1
BQ1-015-CP	1PH Brake, Panel 110-125 VAC, 50/60 Hz	P1

AC Induction Motor Performance Data

Record # 14120 - Typical performance - not guaranteed values

Winding: G0WG0001-R001	Type: 3528C	Enclosure: TENV
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Nameplate Data				230 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	1.5			Full Load Torque	2.4 LB-FT
Volts	115/230			Start Configuration	direct on line
Full Load Amps	13.8/6.9			Breakdown Torque	3.6 LB-FT
R.P.M.	3600			Pull-up Torque	0.5 LB-FT
Hz	60	Phase	1	Locked-rotor Torque	1 LB-FT
NEMA Design Code	-	KVA Code	-	Starting Current	24 A
Service Factor (S.F.)	1			No-load Current	2.75 A
NEMA Nom. Eff.	0	Power Factor	0	Line-line Res. @ 25°C	1.97 Ω A Ph 7.6 Ω B Ph
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	

Load Characteristics 230 V, 60 Hz, 1.5 HP

% of Rated Load	25	50	75	100	125
Power Factor	49	71	80	86	88
Efficiency	70.5	76.4	78.4	74.1	63.3
Speed	3512	3429	3330	3200	2951
Line amperes	3.5	4.5	5.83	7.65	10.95

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





