ABB BALDOR RELIANCE

Customer information packet

407B

28C 4P BUFFER

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Specifications

Enclosure	TENV
Frame Material	Steel
Frequency	60.00 Hz
	60.00 Hz
Motor Letter Type	Oil Capacitor Start and Run
Nameplate Output	1
Number of Poles	4
	4
Output @ Frequency	1.000 HP @ 60 HZ
Phase	1
	1
Product Style	BUFFER
Shaft Diameter	0.875 IN
	0.875 IN
Speed	1800 rpm
	1800 rpm
Synchronous Speed @ Frequency	1800 RPM @ 60 HZ
Voltage	115 V
	230 V
Voltage @ Frequency	230.0 V @ 60 HZ
	115.0 V @ 60 HZ
Agency Approvals	UR
Ambient Temperature	40 °C
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Current @ Voltage	2.700 A @ 230.0 V
	5.400 A @ 115.0 V
Design Code	-
Duty Rating	CONT
Feedback Device	NO FEEDBACK
Insulation Class	B
KVA Code	-

Part Detail

Revision	AX
Type	AC
Mech. spec.	G10-168
Base	
Status	PRD/A
Elec. spec.	G0WG0002
Layout	G0LY0168
Eff. date	06-27-2025
CD Diagram	CD0279
Poles	04
Leads	4#18 12" LG Y
Proprietary	False
Created date	01-01-0001

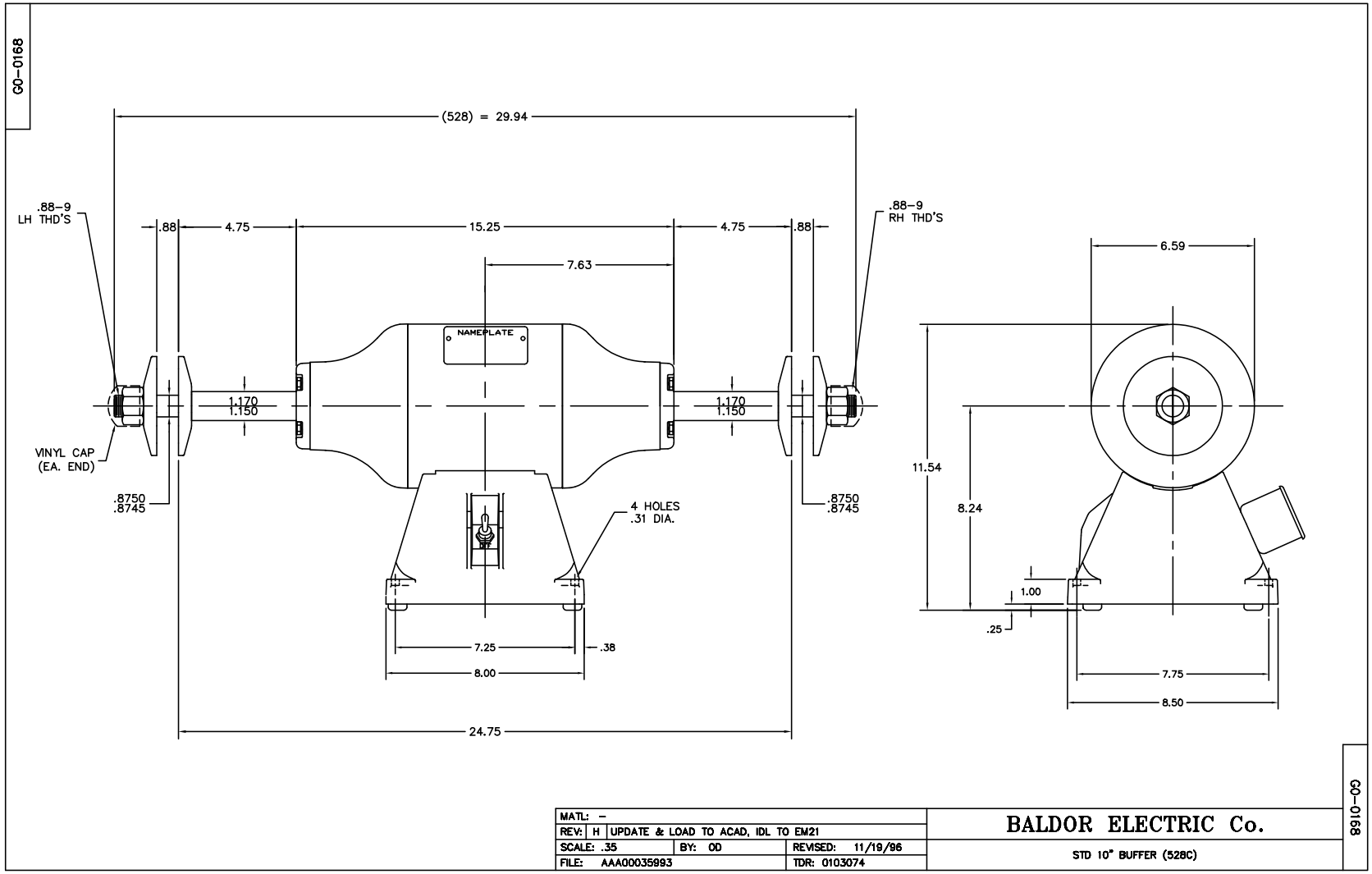
Motor Lead Quantity/Wire Size	4 @ 18 AWG
Motor Standards	Other
Motor Type	3528C
Mounting Arrangement	F1
Product Family	Buffer
Service Factor	1.00
Shaft Extension Location	Double Shaft
Shaft Rotation	Fixed Opposite Standard
Shaft Slinger Indicator	No Slinger
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Winding	None
Winding Thermal 1	None
Winding Thermal 2	None

Nameplate

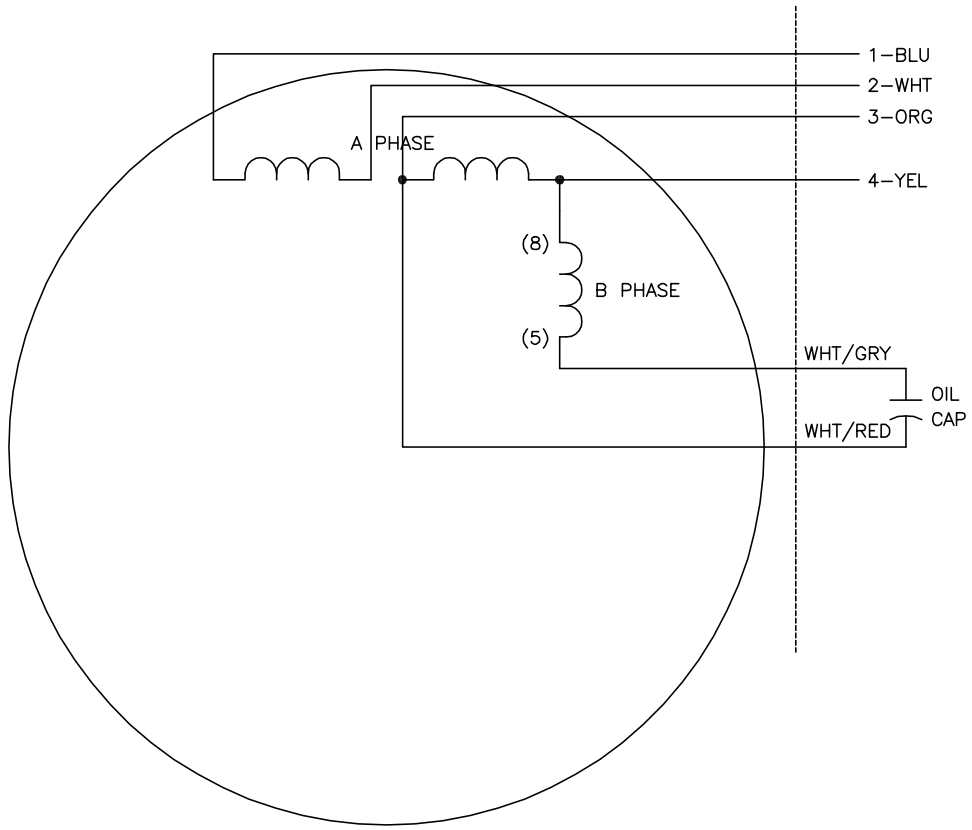
NP3352L				
CAT.NO.	407B			
HP	1	**VOLTS**	115/230	
PHASE	1	**AMPS**	9.8/4.9	
HZ	60	**RPM**	1800	
SER.NO				
SPEC.	G10-168-2			
BLANK				

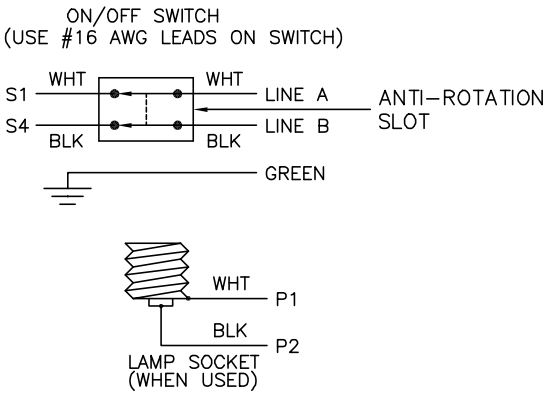
Accessories

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	

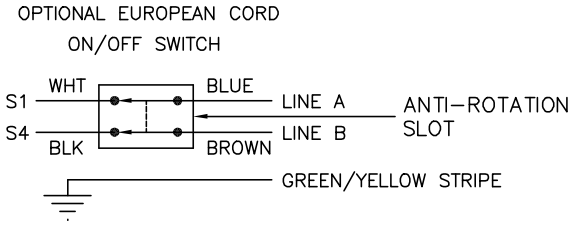

GO-0168
(528) = 29.94
.88-9 LH THD'S
.88-9 RH THD'S
.88
4.75
15.25
4.75
.88
7.63
NAMEPLATE
1.170
1.150
1.170
1.150
VINYL CAP (EA. END)
.8750
.8745
.8750
.8745
4 HOLES .31 DIA.
7.25
.38
8.00
24.75
6.59
11.54
8.24
1.00
.25
7.75
8.50
MATL: -
REV: H UPDATE & LOAD TO ACAD, IDL TO EM21
SCALE: .35 BY: OD REVISED: 11/19/96
FILE: AAA00035993 TDR: 0103074
BALDOR ELECTRIC Co.
STD 10" BUFFER (528C)
GO-0168

CD0279





	S1	S4	JOIN
HIGH	1,P1	4	2,3,P2
LOW	1,3,P1	2,4,P2	–



NOTES:

1. CONNECTIONS ARE SHOWN FOR CW ROTATION FACING END OPPOSITE SHAFT EXTENSION (OPP STD). FOR CCW ROTATION, INTERCHANGE (5) AND (8) INTERNALLY.
2. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

REV. DESC: ADDED ANTI–ROTATION DETAIL TO RH SIDE OF SWITCH		
REV. LTR: E	VERSION: 01	TDR: 000000863536
FILE: \AAA\00028\193	REVISED: 09:52:27 07/23/2014	BY: ENCHALO
MTL: –		

BALDOR

TYPE C, DV, FIX, OPT. LIGHTED EYESHIELD, GRINDER

SH 1 of 1

CD0279