ABB BALDOR RELIANCE

Customer information packet

410B

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

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11/19/2026 8:04:35 AM

Specifications

Enclosure	TENV
Frame Material	Steel
Frequency	60.00 Hz
	60.00 Hz
Motor Letter Type	Oil Capacitor Start and Run
Nameplate Output	1.5
Number of Poles	2
	2
Output @ Frequency	1.500 HP @ 60 HZ
Phase	1
	1
Product Style	BUFFER
Speed	3600 rpm
	3600 rpm
Synchronous Speed @ Frequency	3600 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	13.800 A @ 115.0 V
	6.900 A @ 230.0 V
Duty Rating	CONT
Feedback Device	NO FEEDBACK
Insulation Class	B
KVA Code	-
Motor Lead Quantity/Wire Size	4 @ 18 AWG
Motor Standards	Other
Motor Type	3528C

Part Detail

Revision	BH
Type	AC
Mech. spec.	G10-168
Base	
Status	PRD/A
Elec. spec.	G0WG0001
Layout	G0LY0168
Eff. date	12-15-2021
CD Diagram	CD0279
Poles	02
Leads	4#18 12" LG Y
Proprietary	False
Created date	08-08-2007

Mounting Arrangement	F1
Overall Length	29.94 IN
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

Nameplate

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

AC Induction Motor Performance Data
Record # 14120
Typical performance - not guaranteed values

Winding: G0WG0001-R001	**Type:** 3528C	**Enclosure:** TENV

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. @ 25ºC**	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

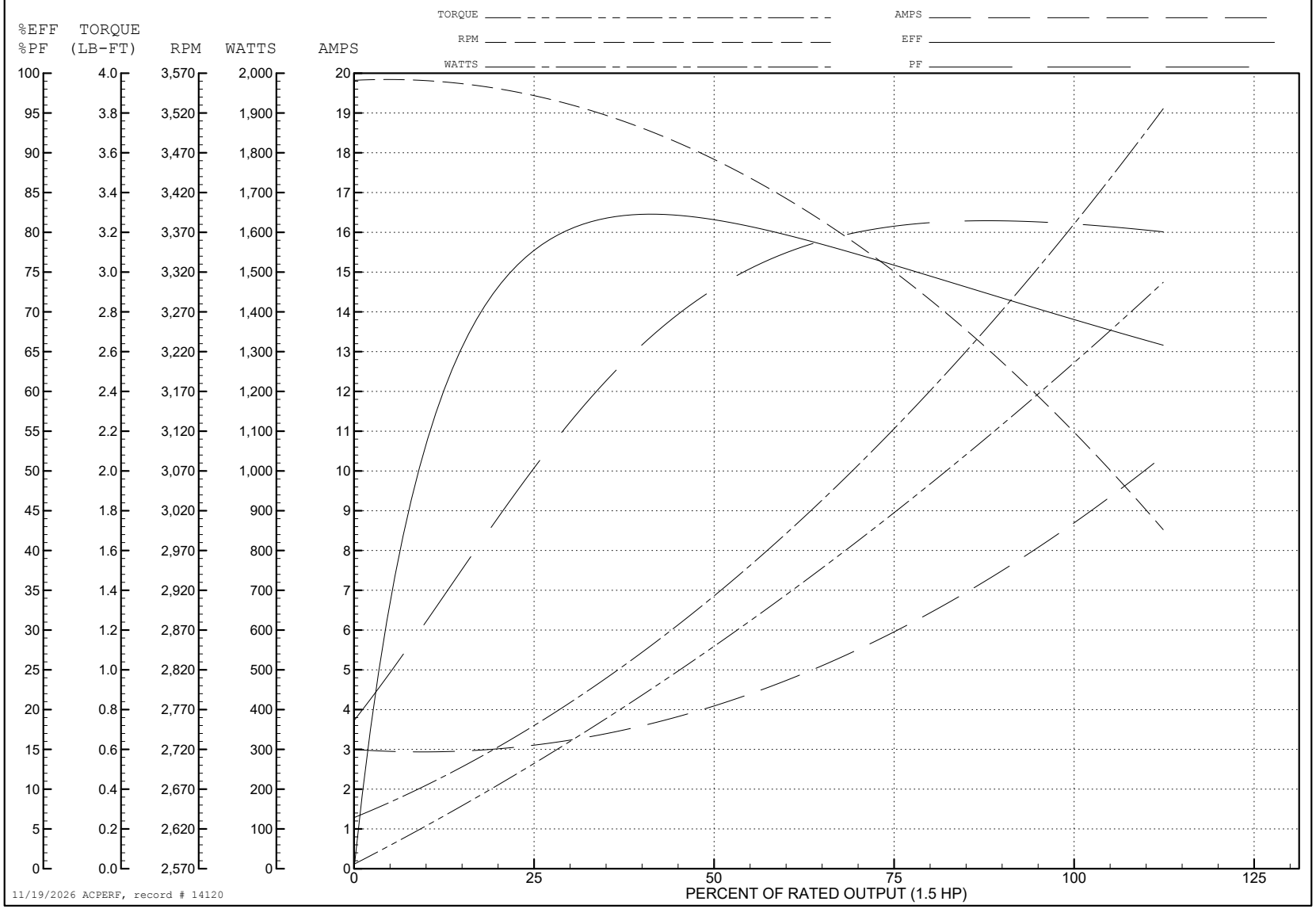
ABB Motors and Mechanical Inc.

WINDING # G0WG0001

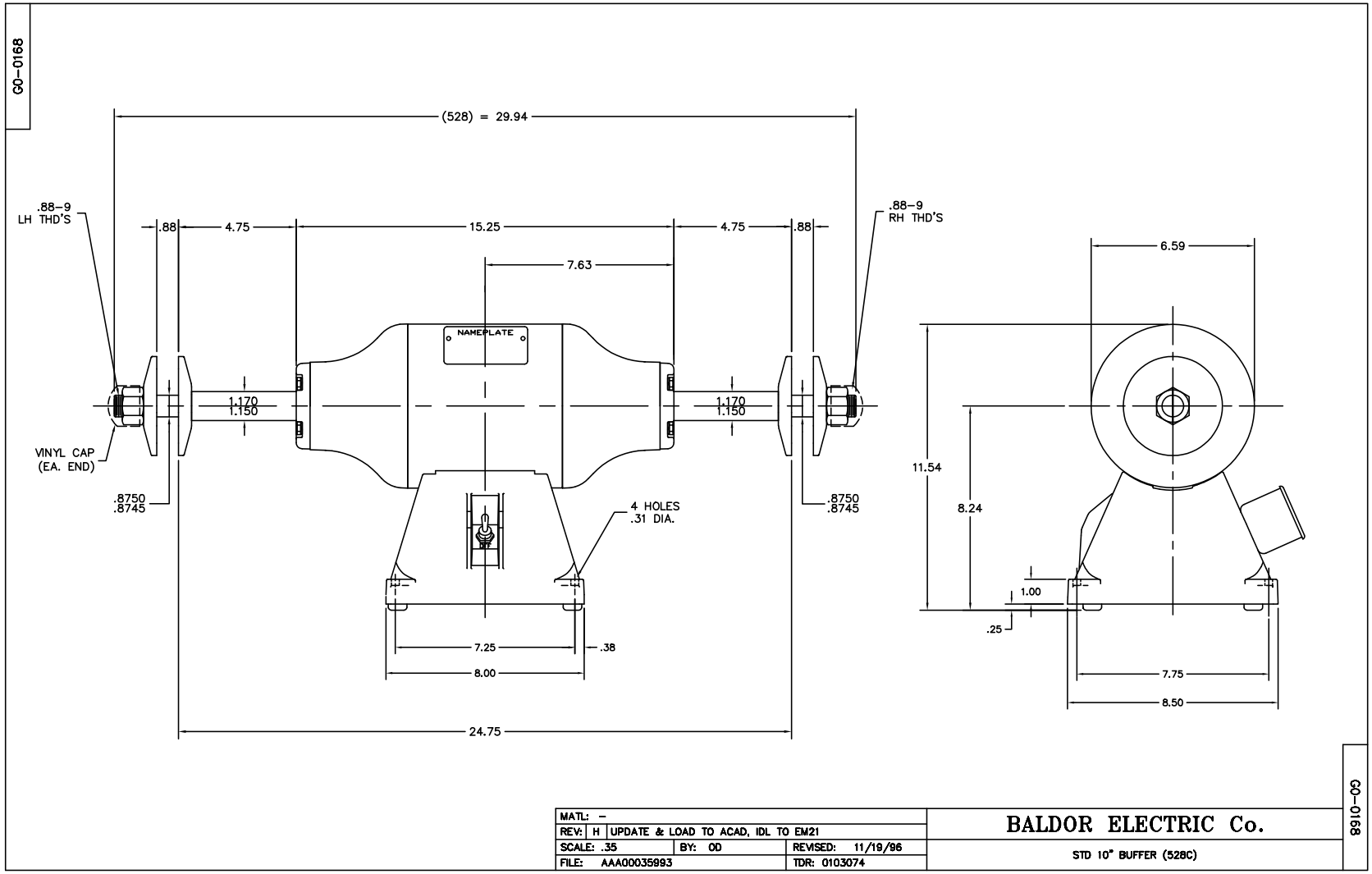
1.5 HP 1 PH 60 HZ 3600 RPM 230 V 3528C

Typical performance - not guaranteed values.

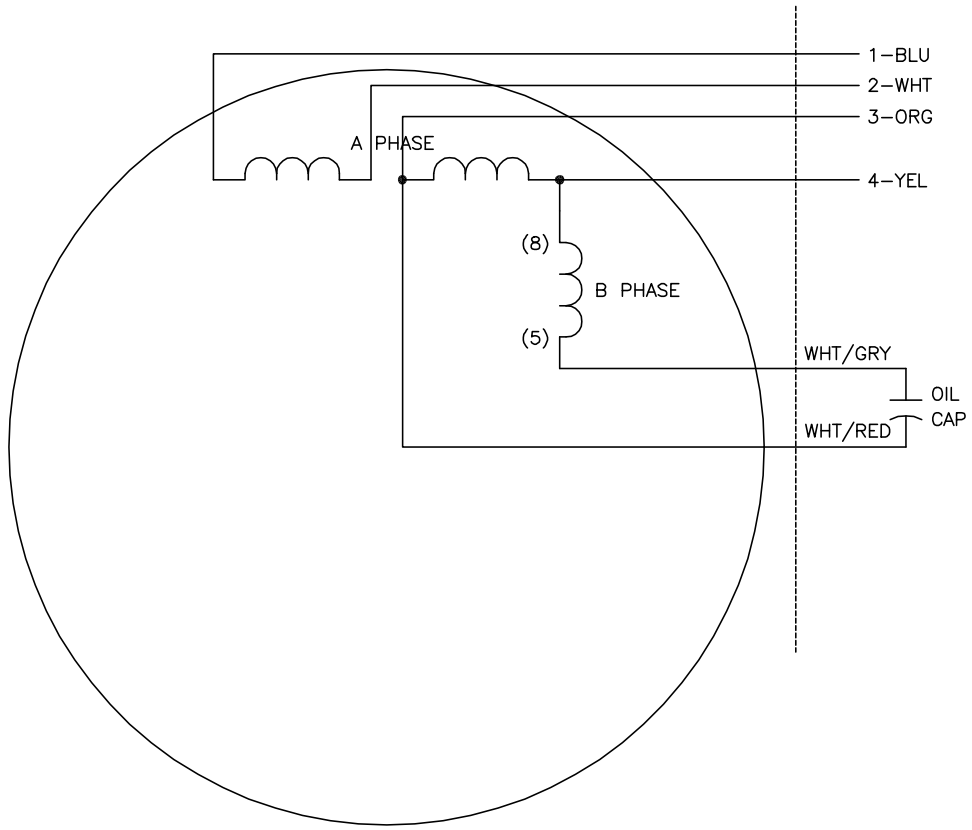
TORQUES(LB-FT): PO=3.6 PU=0.5 LR=1 LRA=24

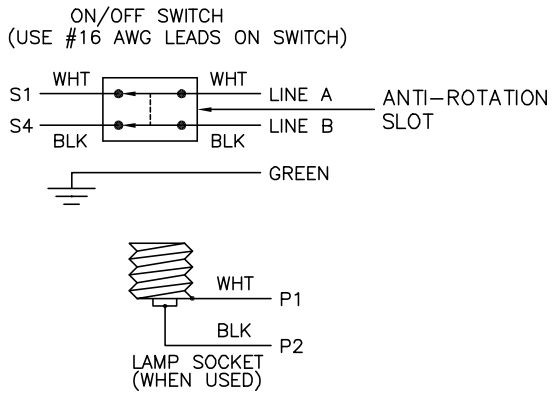


11/19/2026 ACPERF, record # 14120

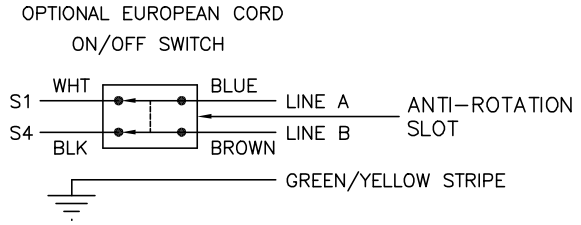

GO-0168
(528) = 29.94
.88-9
LH THD'S
.88
4.75
15.25
4.75
.88
.88-9
RH THD'S
7.63
NAMEPLATE
1.170
1.150
1.170
1.150
VINYL CAP
(EA. END)
.8750
.8745
.8750
.8745
4 HOLES
.31 DIA.
7.25
.38
8.00
24.75
6.59
11.54
8.24
1.00
.25
7.75
8.50
MATL: -
REV: H UPDATE & LOAD TO ACAD, IDL TO EM21
SCALE: .35 BY: OD REVISED: 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