ABB BALDOR RELIANCE

Customer information packet

1022W

28C 4P GRNDR W/EXH

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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	GRINDER
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	4.900 A @ 230.0 V
	9.800 A @ 115.0 V
Design Code	-
Duty Rating	CONT
Feedback Device	NO FEEDBACK
Insulation Class	B
KVA Code	-

Part Detail

Revision	BD
Type	AC
Mech. spec.	G10-164
Base	
Status	PRD/A
Elec. spec.	G0WG0002
Layout	G0LY0164
Eff. date	06-27-2025
CD Diagram	CD0279
Poles	04
Leads	4#18 9" LONG Y
Proprietary	False
Created date	01-01-0001

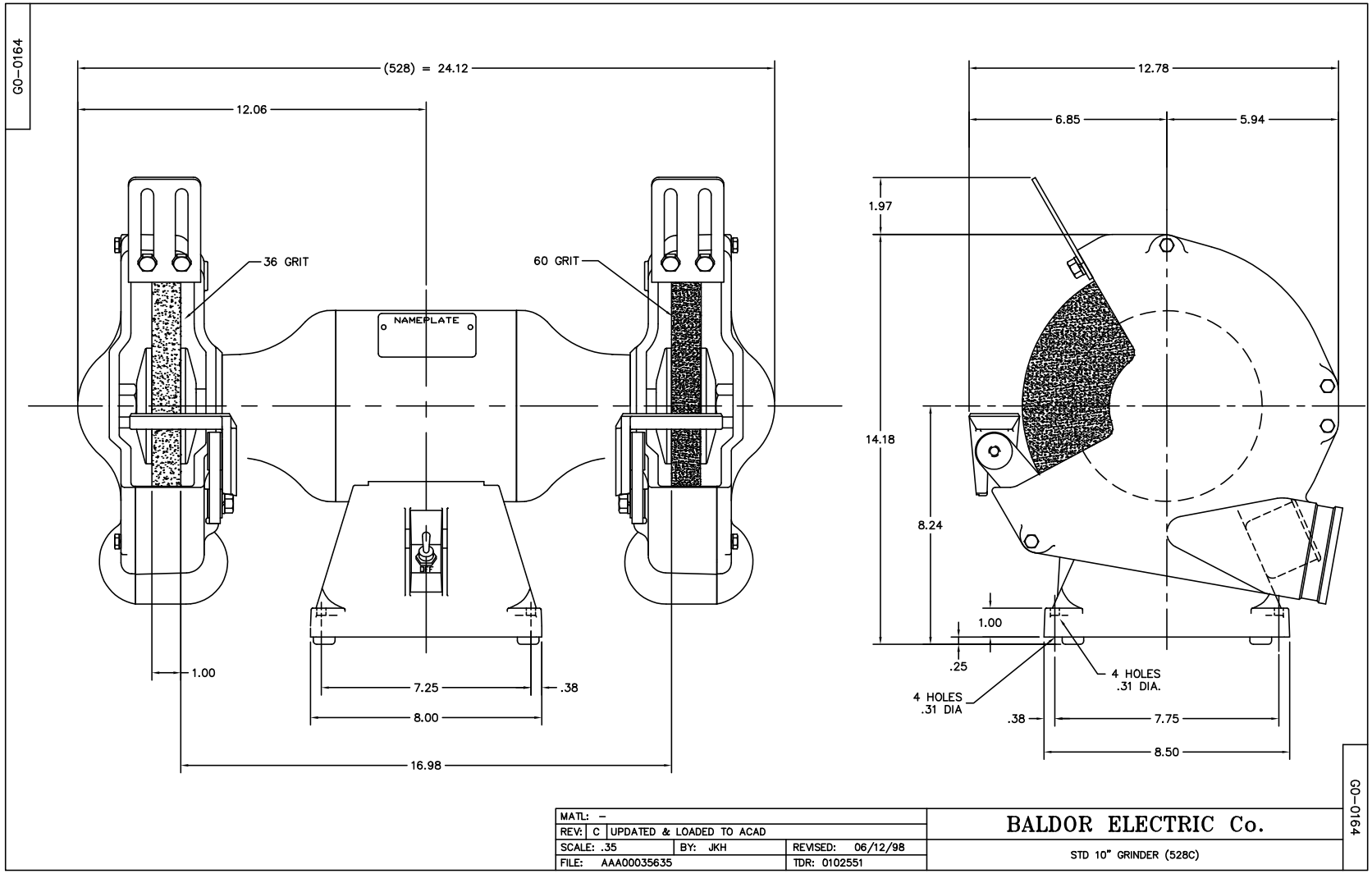
Motor Lead Quantity/Wire Size	4 @ 18 AWG
Motor Type	3528C
Mounting Arrangement	F1
Overall Length	24.12 IN
Product Family	Grinder
Service Factor	1.00
Shaft Extension Location	Double Shaft
Shaft Rotation	Fixed Opposite Standard
Shaft Slinger Indicator	No Slinger
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Winding	None
Winding Thermal 1	None
Winding Thermal 2	None

Nameplate

NP3118			
CAT.NO.			
HP	1	**VOLTS**	115/230
PHASE	1	**AMPS**	9.8/4.9
HZ	60	**RPM**	1800
SER.NO			
SPEC.	G10-164-2		

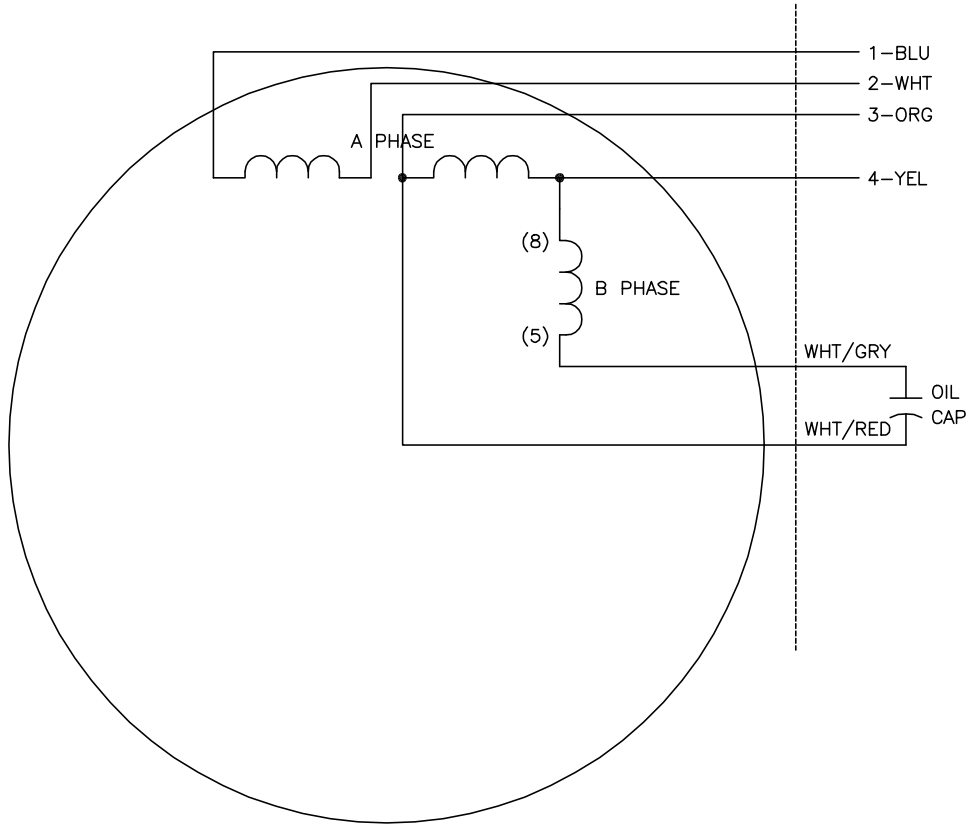
Accessories

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
GA24	WATER POT	A8
B102	10" 36 GRIT GRINDING WHEEL	A8
B103	10" 60 GRIT GRINDING WHEEL	A8
GA9	PAIR LIGHTED EYESHIELDS	A8
GA9-1	SINGLE LIGHTED EYESHIELD	A8
GA9S	PAIR EYESHIELDS W/ ON-OFF SWITCH	A8
GA11	PAIR EYESHIELDS	A8
DC10	DUST CONTROL UNIT	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	
BQ2-015-CC	1PH Brake,NEMA 1 208-230 VAC,50/60Hz	
BQ2-015-CP	1PH Brake, Panel 208-230 VAC, 50/60 Hz	

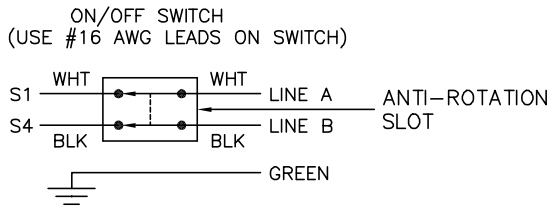

G0-0164
(528) = 24.12
12.06
36 GRIT
60 GRIT
NAMEPLATE
1.00
7.25
.38
8.00
16.98
12.78
6.85
5.94
1.97
14.18
8.24
1.00
.25
4 HOLES
.31 DIA
4 HOLES
.31 DIA.
.38
7.75
8.50
MATL: –
REV: C UPDATED & LOADED TO ACAD
SCALE: .35 BY: JKH REVISED: 06/12/98
FILE: AAA00035635 TDR: 0102551
BALDOR ELECTRIC Co.
STD 10" GRINDER (528C)
G0-0164

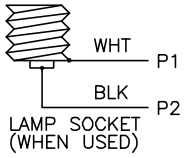
CD0279

MOTOR

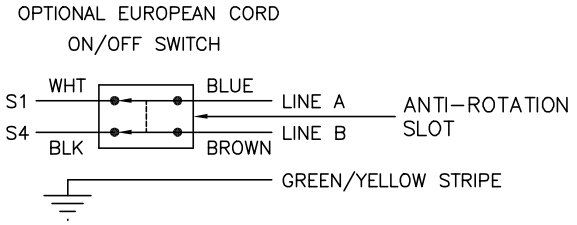


BASE





	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