ABB BALDOR RELIANCE

Customer information packet

8100W

24C 4P GRNDR

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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	.75
Number of Poles	4
	4
Output @ Frequency	.750 HP @ 60 HZ
Phase	1
	1
Product Style	GRINDER
Shaft Diameter	0.750 IN
	0.750 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	2.300 A @ 230.0 V
	4.600 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.	G8-165
Base	
Status	PRD/A
Elec. spec.	G8WG0060
Layout	G8LY0165
Eff. date	06-01-2026
CD Diagram	CD0279
Poles	04
Leads	4#18
Proprietary	False
Created date	01-01-0001

Motor Lead Quantity/Wire Size	4 @ 18 AWG
Motor Standards	Other
Motor Type	3524C
Mounting Arrangement	F1
Overall Length	23.24 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

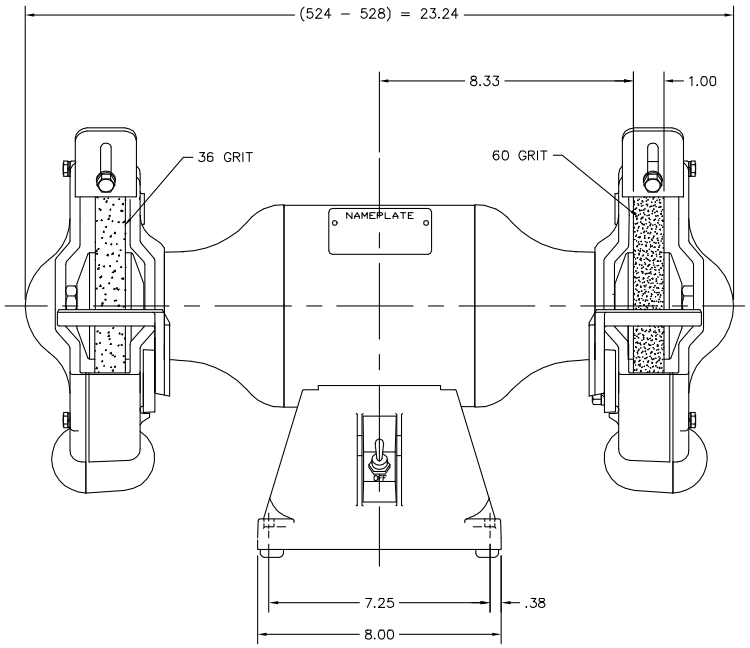
Nameplate

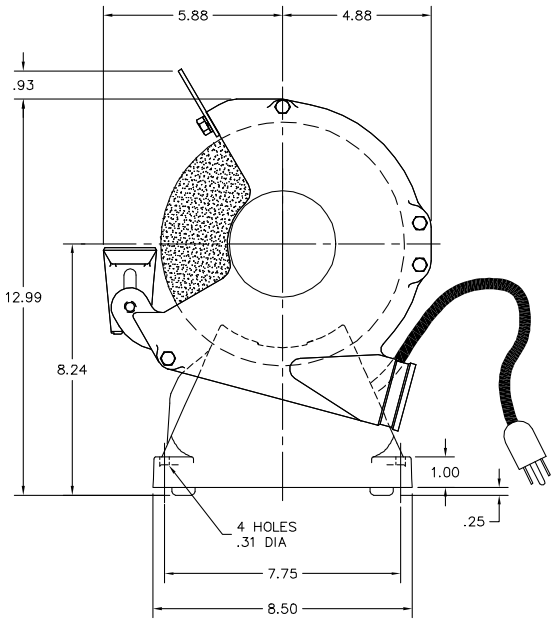
NP3118			
CAT.NO.	8100W		
HP	.75	**VOLTS**	115/230
PHASE	1	**AMPS**	7.3/3.65
HZ	60	**RPM**	1800
SER.NO			
SPEC.	G8-165-60		

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
B80	8" 36 GRIT GRINDING WHEEL	A8
B81	8" 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
DC8	DUST CONTROL UNIT	A8
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	

G8LY0165





CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT MOTOR PERFORMANCE IS SUITABLE IN THE APPLICATION.

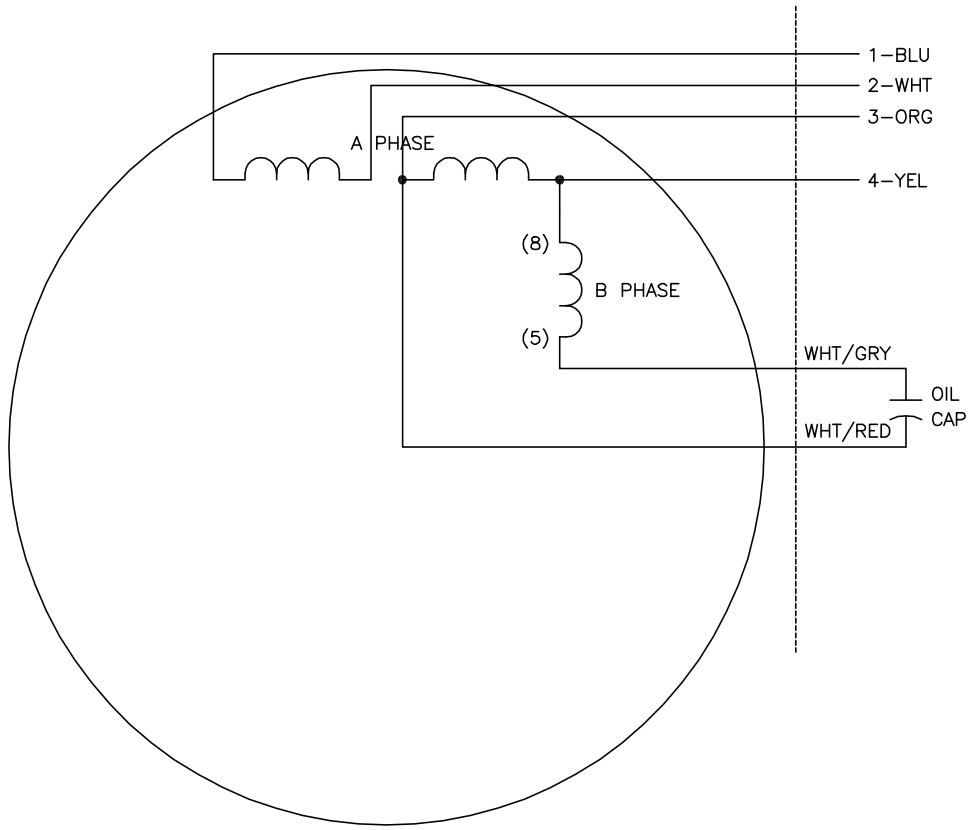
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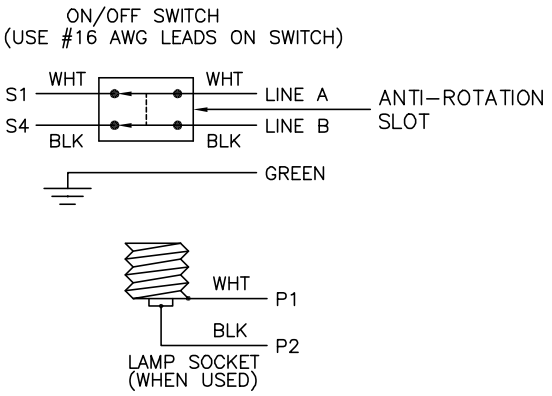
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STD 8" GRINDER MODEL 524C W/115V. CORD/PLUG

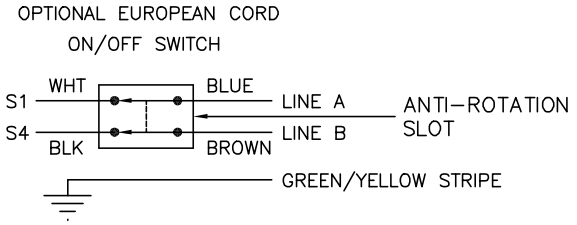
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	S1	S4	JOIN
HIGH	1,P1	4	2,3,P2
LOW	1,3,P1	2,4,P2	–



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.

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BALDOR

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

SH 1 of 1

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