

# **ABB BALDOR RELIANCE III**



## **Customer information packet**

8100W

24C 4P GRNDR

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7/2/2026 6:55:23 AM

**Specifications**

<b>Enclosure</b>	TENV
<b>Frame Material</b>	Steel
<b>Frequency</b>	60.00 Hz 60.00 Hz
<b>Motor Letter Type</b>	Oil Capacitor Start and Run
<b>Nameplate Output</b>	.75
<b>Number of Poles</b>	4 4
<b>Output @ Frequency</b>	.750 HP @ 60 HZ
<b>Phase</b>	1 1
<b>Product Style</b>	GRINDER
<b>Shaft Diameter</b>	0.750 IN 0.750 IN
<b>Speed</b>	1800 rpm 1800 rpm
<b>Synchronous Speed @ Frequency</b>	1800 RPM @ 60 HZ
<b>Voltage</b>	115 V 230 V
<b>Voltage @ Frequency</b>	230.0 V @ 60 HZ 115.0 V @ 60 HZ
<b>Agency Approvals</b>	UR
<b>Ambient Temperature</b>	40 °C
<b>Base Indicator</b>	Rigid
<b>Bearing Grease Type</b>	Polyrex EM (-20F +300F)
<b>Current @ Voltage</b>	2.300 A @ 230.0 V 4.600 A @ 115.0 V
<b>Design Code</b>	-
<b>Duty Rating</b>	CONT
<b>Feedback Device</b>	NO FEEDBACK
<b>Insulation Class</b>	B
<b>KVA Code</b>	-

**Part Detail**

<b>Revision</b>	AX
<b>Type</b>	AC
<b>Mech. spec.</b>	G8-165
<b>Base</b>	
<b>Status</b>	PRD/A
<b>Elec. spec.</b>	G8WG0060
<b>Layout</b>	G8LY0165
<b>Eff. date</b>	06-01-2026
<b>CD Diagram</b>	CD0279
<b>Poles</b>	04
<b>Leads</b>	4#18
<b>Proprietary</b>	False
<b>Created date</b>	01-01-0001

<b>Motor Lead Quantity/Wire Size</b>	4 @ 18 AWG
<b>Motor Standards</b>	Other
<b>Motor Type</b>	3524C
<b>Mounting Arrangement</b>	F1
<b>Overall Length</b>	23.24 IN
<b>Product Family</b>	Grinder
<b>Service Factor</b>	1.00
<b>Shaft Extension Location</b>	Double Shaft
<b>Shaft Rotation</b>	Fixed Opposite Standard
<b>Shaft Slinger Indicator</b>	No Slinger
<b>Speed Code</b>	Single Speed
<b>Starting Method</b>	Direct on line
<b>Thermal Device - Winding</b>	None
<b>Winding Thermal 1</b>	None
<b>Winding Thermal 2</b>	None

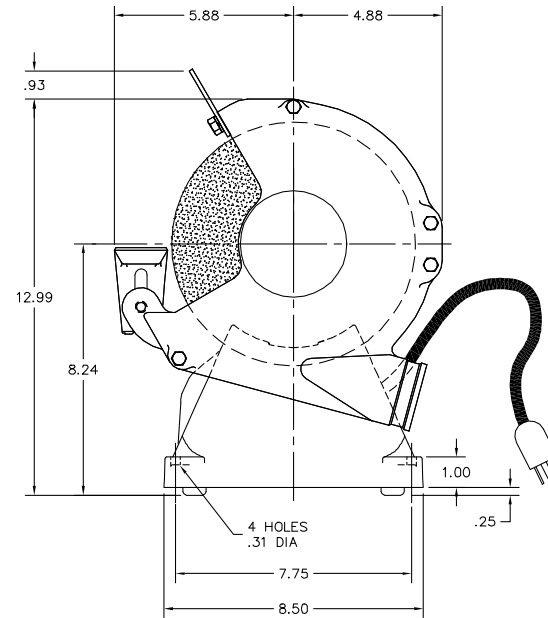
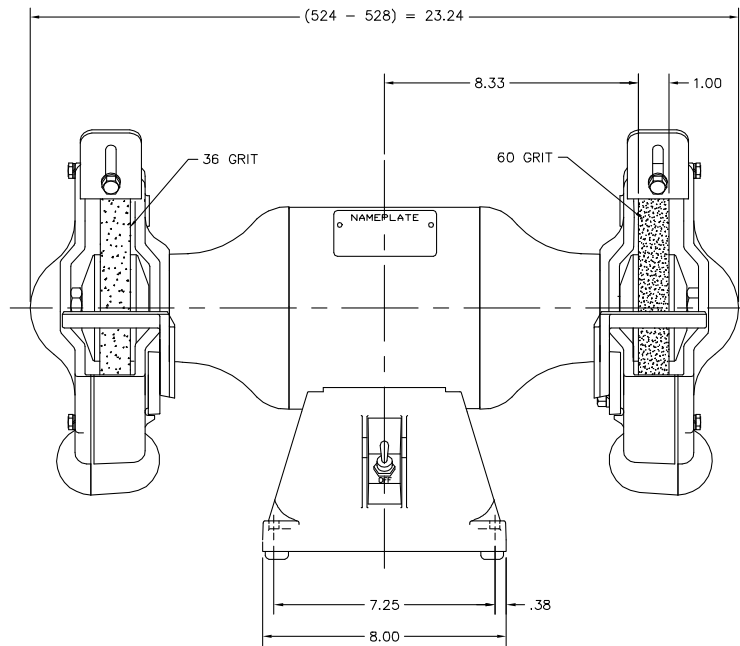
**Nameplate**

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

**Accessories**

<b>Part number</b>	<b>Description</b>	<b>Multiplier</b>
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	

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

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**Baldor • Dodge • Reliance**

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

G8LY0165

