

ABB BALDOR RELIANCE III

Customer information packet

8100WD

24C 4P GRNDR

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
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
Ambient Temperature	40 °C
Base Indicator	Rigid
Current @ Voltage	3.200 A @ 230.0 V 6.400 A @ 115.0 V
Design Code	-
Duty Rating	CONT
Insulation Class	F
KVA Code	-
Motor Lead Quantity/Wire Size	4 @ 18 AWG
Motor Standards	Other
Motor Type	3524C
Mounting Arrangement	F1

Part Detail

Revision	E
Type	AC
Mech. spec.	G8-231
Base	
Status	PRD/A
Elec. spec.	G8WG0378
Layout	G8LY0231
Eff. date	06-27-2025
CD Diagram	CD0279
Poles	04
Leads	4#18
Proprietary	False
Created date	02-23-2023

Overall Length	23.24 IN
Product Family	Grinder
Service Factor	1.00
Shaft Rotation	Fixed Opposite Standard
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Winding	None
Winding Thermal 1	None
Winding Thermal 2	None

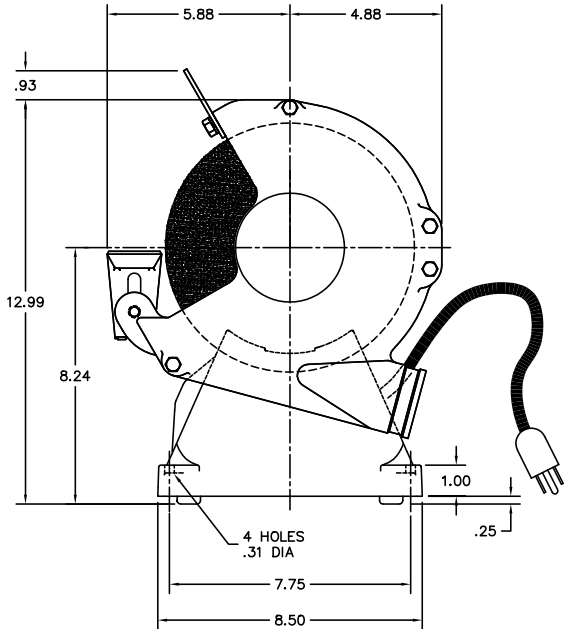
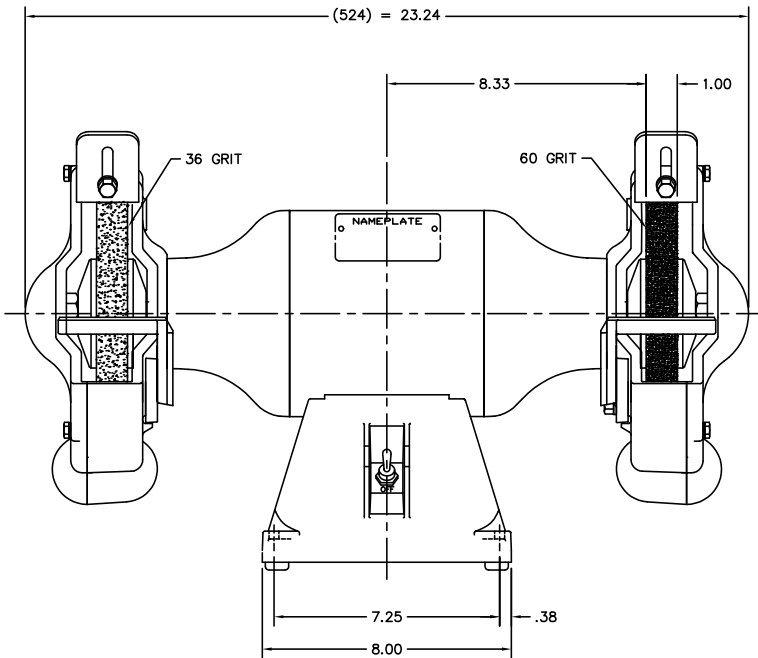
Nameplate

NP3118			
CAT.NO.	8100WD		
HP	.75	VOLTS	115/230
PHASE	1	AMPS	6.4/3.2
HZ	60	RPM	1800
SER.NO			
SPEC.	G8-231G0378		

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
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-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	

GBLY0231



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

REV. DESC: OMITTED FELT WSHR HA1025A03 & CHG'D TO SEALED BRGS			
REV. LTR: K	BY: SSS	REVISED: 09/29/00 2:15	TDR: 0212666
FILE: AAA00036180			REF: -
MTL: -			

BALDOR ELECTRIC Co.

STD 8" GRINDER 524C W/115V. CORD/PLUG, TOOL TRAY, WATER POT

GBLY0231

