ABB BALDOR RELIANCE

Customer information packet

8107W

24L 2P GRNDR W/ RELAY

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Specifications

Enclosure	TENV
Frame Material	Steel
Frequency	60.00 Hz
	60.00 Hz
Motor Letter Type	Cap Start, Induction Run
Nameplate Output	.75
Number of Poles	2
	2
Output @ Frequency	.750 HP @ 60 HZ
Phase	1
	1
Product Style	GRINDER
Shaft Diameter	0.750 IN
	0.750 IN
Speed	3600 rpm
	3600 rpm
Synchronous Speed @ Frequency	3600 RPM @ 60 HZ
Voltage	115 V
Voltage @ Frequency	115.0 V @ 60 HZ
Agency Approvals	UR
Ambient Temperature	40 °C
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Current @ Voltage	8.600 A @ 115.0 V
Duty Rating	CONT
Feedback Device	NO FEEDBACK
Insulation Class	B
KVA Code	E
Motor Lead Quantity/Wire Size	5 @ 18 AWG
Motor Standards	Other
Motor Type	3524L
Mounting Arrangement	F1

Part Detail

Revision	AG
Type	AC
Mech. spec.	G8-0413
Base	
Status	PRD/A
Elec. spec.	G8WG0070
Layout	G8LY0413
Eff. date	06-01-2026
CD Diagram	CD2033
Poles	02
Leads	5#18 DO NOT CLIP LDS,0#0 AT WESTVILLE Y
Proprietary	False
Created date	01-25-2008

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

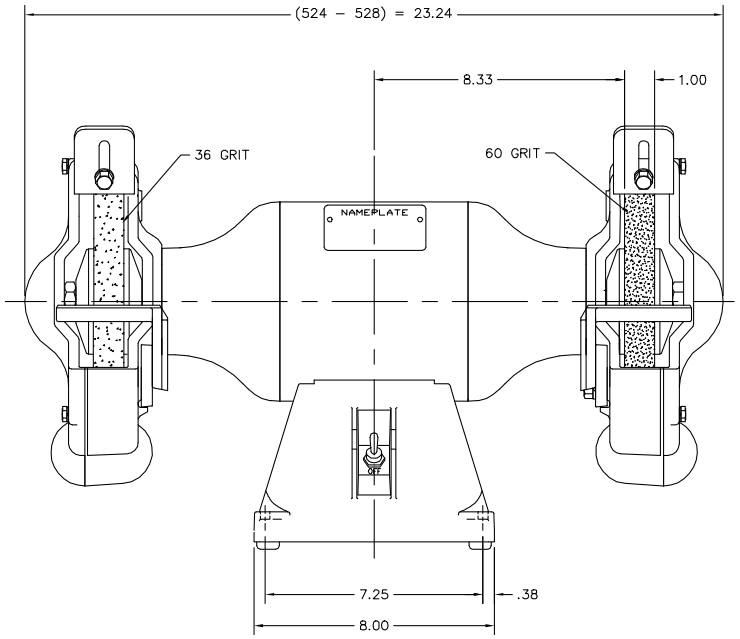
Nameplate

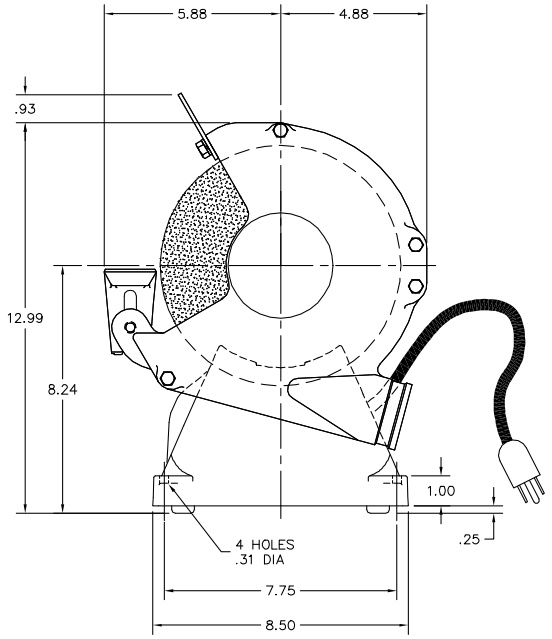
	NP3118		
CAT.NO.	8107W		
HP	.75	**VOLTS**	115
PHASE	1	**AMPS**	8.6
HZ	60	**RPM**	3600
SER.NO			
SPEC.	G8-0413-0070		

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-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	

G8LY0413





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

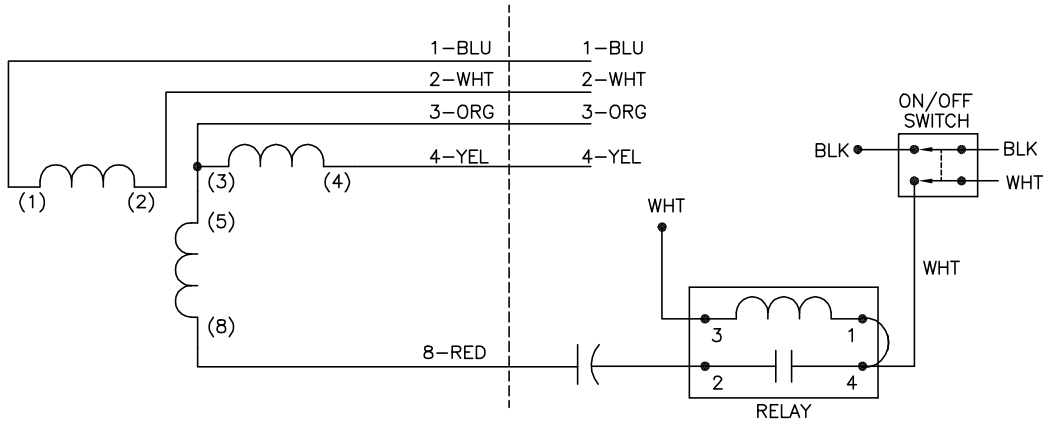
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MTL: –		

Baldor • Dodge • Reliance

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

G8LY0413

CD2033



	BLK	WHT	JOIN
HIGH VOLT	1	4	2,3
LOW VOLT	1,3	2,4	–

NOTES:

1. CONNECTIONS ARE SHOWN FOR OPPOSITE STANDARD ROTATATION. FOR STANDARD ROTATION, INTERCHANGE (5) AND (8) INTERNALLY.
2. USE 4CR SERIES RELAY.
3. COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

CD2033

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