ABB BALDOR RELIANCE

Customer information packet

812RE

.75HP, 3600RPM, 1PH, 60HZ, 3524C, GRND

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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	2
	2
Output @ Frequency	.750 HP @ 60 HZ
Phase	1
	1
Product Style	GRINDER
Speed	3600 rpm
	3600 rpm
Synchronous Speed @ Frequency	3600 RPM @ 60 HZ
Voltage	115 V
	230 V
Voltage @ Frequency	230.0 V @ 60 HZ
	115.0 V @ 60 HZ
Agency Approvals	CSA
Ambient Temperature	40 °C
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Current @ Voltage	2.400 A @ 230.0 V
	4.800 A @ 115.0 V
Duty Rating	CONT
Feedback Device	NO FEEDBACK
Insulation Class	B
KVA Code	-
Motor Lead Quantity/Wire Size	4 @ 18 AWG
Motor Standards	Other
Motor Type	3524C

Part Detail

Revision	BF
Type	AC
Mech. spec.	G8-212
Base	
Status	PRD/A
Elec. spec.	G8WG0011
Layout	G8LY0212
Eff. date	08-05-2025
CD Diagram	CD0279
Poles	02
Leads	4#18
Proprietary	False
Created date	08-08-2007

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

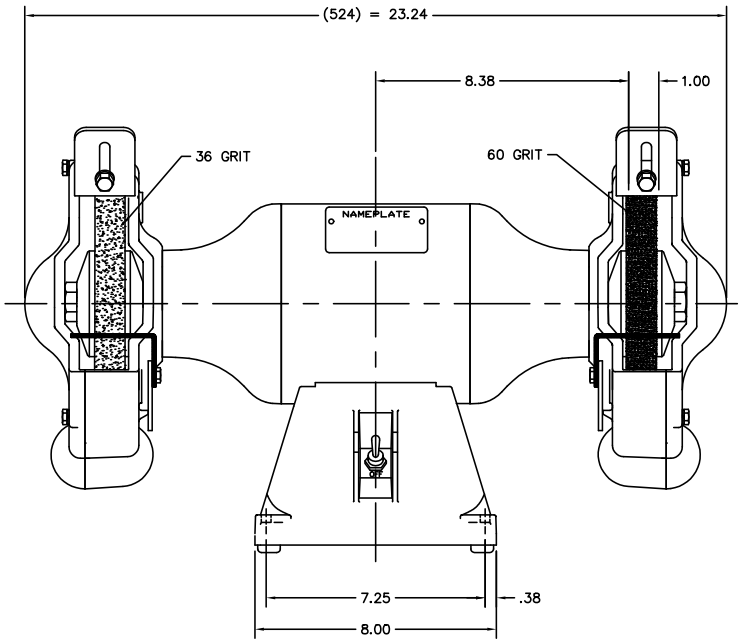
Nameplate

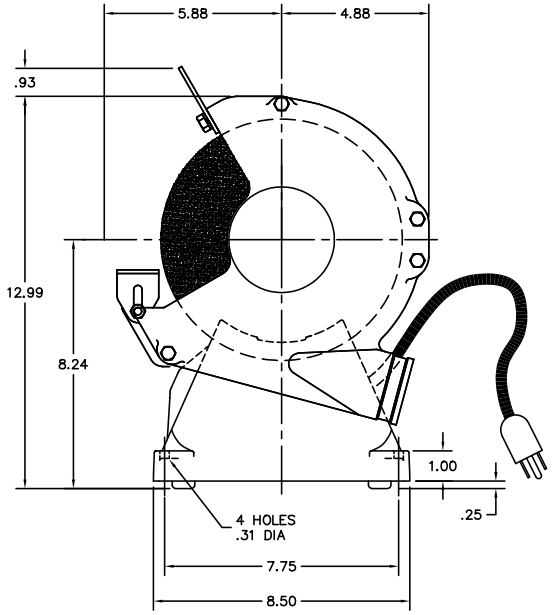
NP3118			
CAT.NO.	812RE		
HP	.75	**VOLTS**	115/230
PHASE	1	**AMPS**	4.8/2.4
HZ	60	**RPM**	3600
SER.NO			
SPEC.	G8-212-11		

Accessories

Part number	Description	Multiplier
GA16RE	PEDESTAL LIGHT INDUSTRIAL,STEEL-RED	A8
GA14R	PEDESTAL FABRICATED STEEL W/SHELVES-RED	A8
GA16R	PEDESTAL IND., CAST IRON 6" - 10" RED	A8
B80	8" 36 GRIT GRINDING WHEEL	A8
B81	8" 60 GRIT GRINDING WHEEL	A8
GA9R	PAIR LIGHTED EYESHIELDS-RED	A8
GA9SR	PAIR LIGHTED EYESHIELD W/ON-OFF-RED	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	

G8LY0212





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

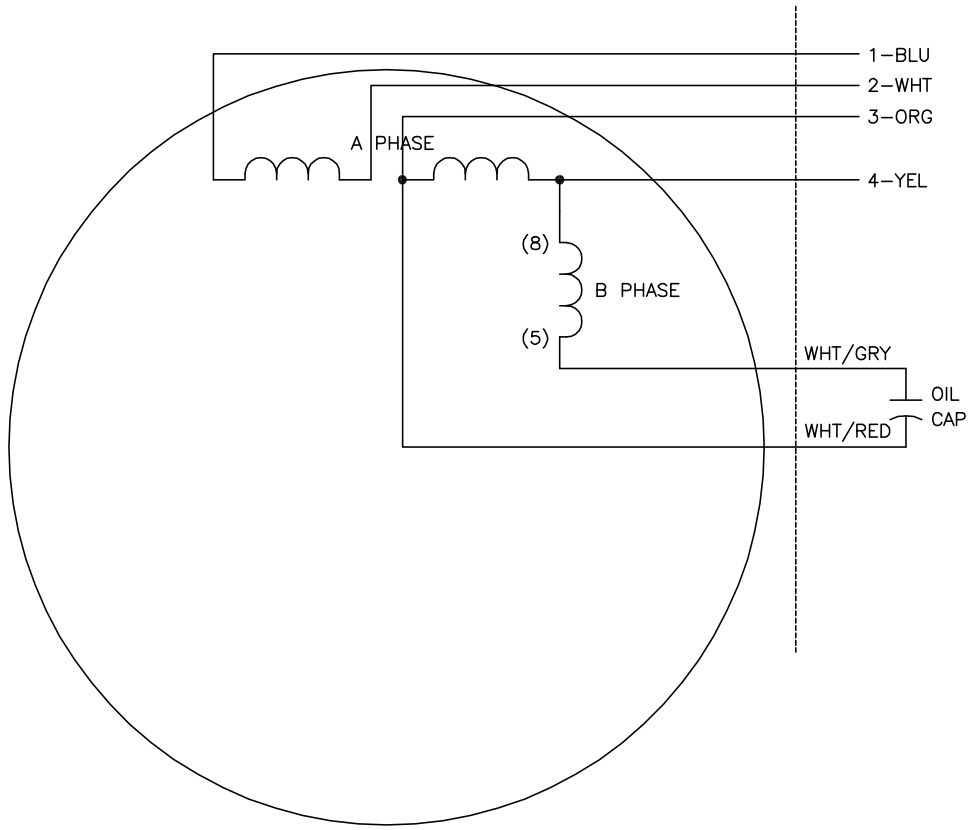
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FILE: AAA00036238			REF: –
MTL: –			

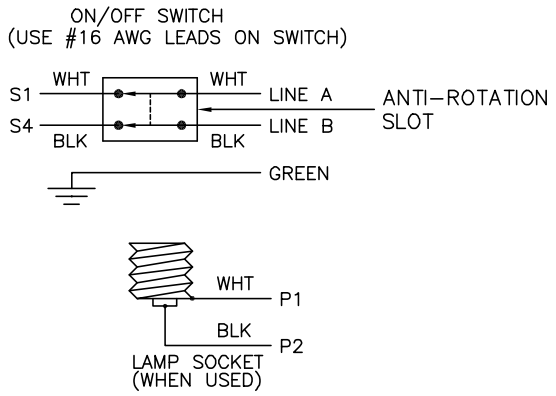
BALDOR ELECTRIC Co.

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

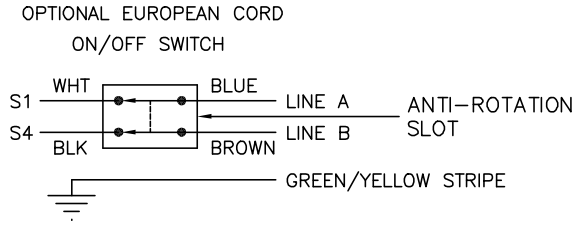
G8LY0212

CD0279





	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