ABB BALDOR RELIANCE

Customer information packet

8107WD

.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	UR
Ambient Temperature	40 °C
Base Indicator	Rigid
Current @ Voltage	2.400 A @ 230.0 V
	4.800 A @ 115.0 V
Duty Rating	CONT
Insulation Class	B
KVA Code	-
Motor Lead Quantity/Wire Size	4 @ 18 AWG
Motor Standards	Other
Motor Type	3524C
Mounting Arrangement	F1
Product Family	Grinder

Part Detail

Revision	BK
Type	AC
Mech. spec.	G8-231
Base	
Status	PRD/A
Elec. spec.	G8WG0011
Layout	G8LY0231
Eff. date	12-06-2024
CD Diagram	CD0279
Poles	02
Leads	4#18 9"FROM ENDTURNS Y
Proprietary	False
Created date	08-08-2007

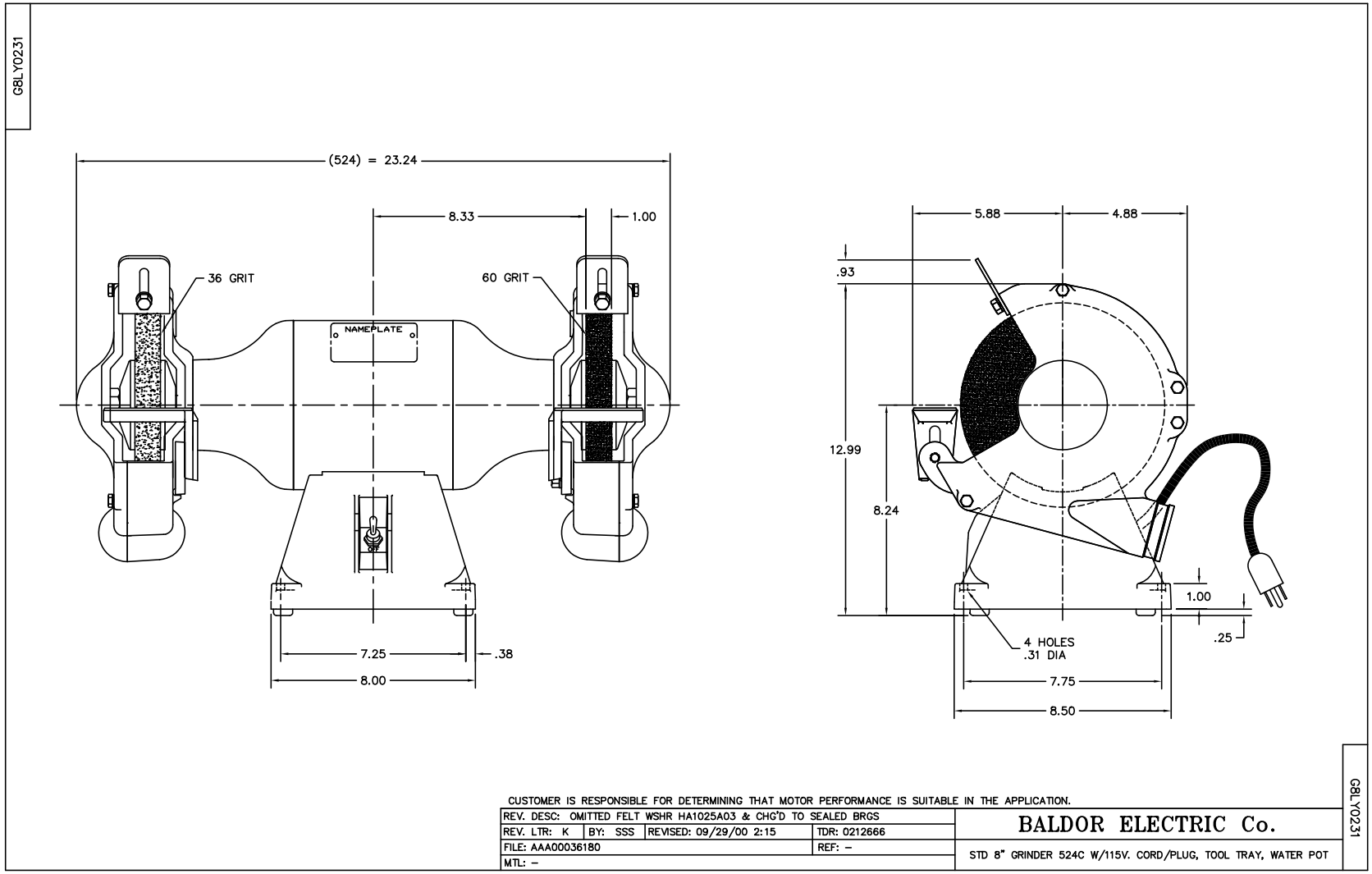
Service Factor	1.00
Shaft Extension Location	Double Shaft
Shaft Rotation	Fixed Opposite Standard
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Winding	None

Nameplate

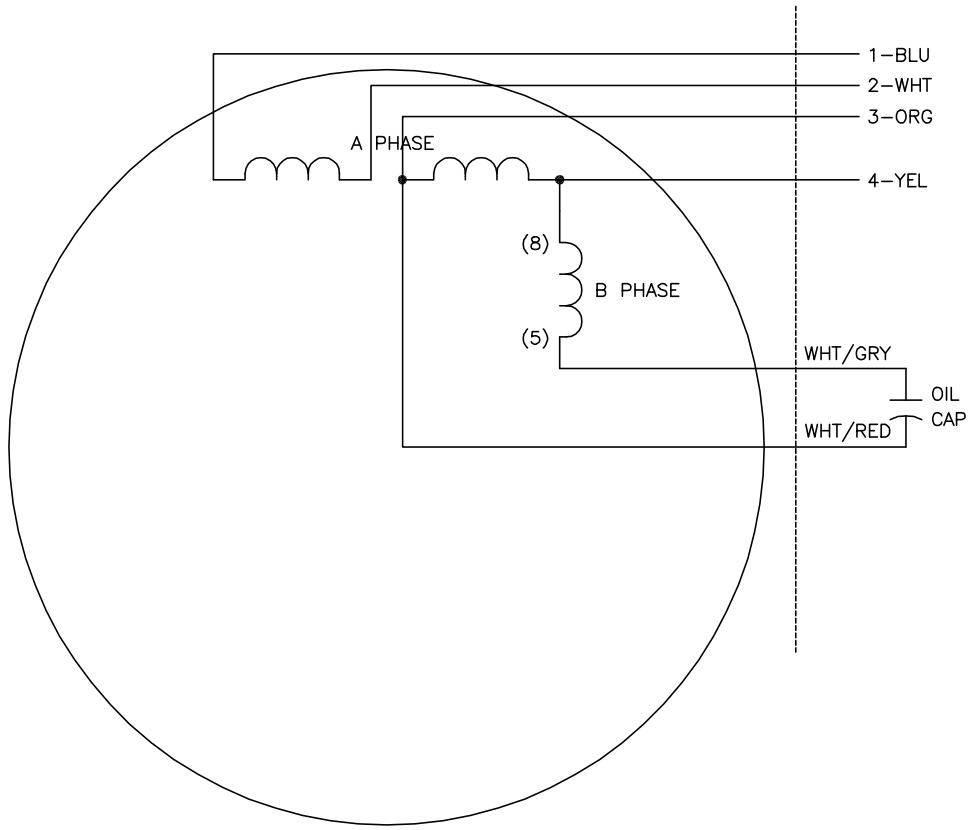
NP3118			
CAT.NO.	8107WD		
HP	.75	**VOLTS**	115/230
PHASE	1	**AMPS**	4.8/2.4
HZ	60	**RPM**	3600
SER.NO			
SPEC.	G8-231-11		

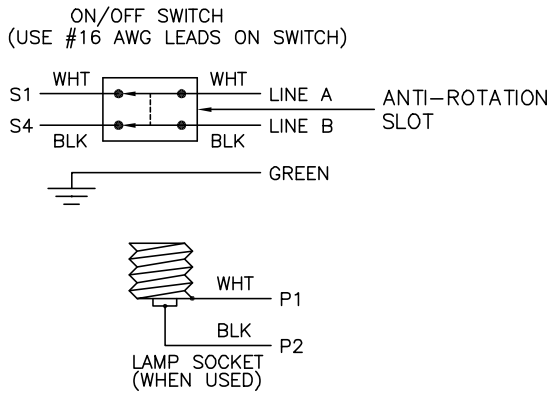
Accessories

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	

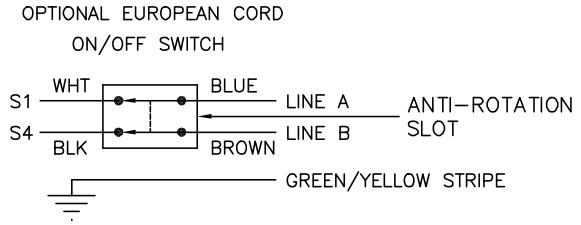

G8LY0231
(524) = 23.24
8.33
1.00
36 GRIT
60 GRIT
NAMEPLATE
7.25
.38
8.00
5.88
4.88
.93
12.99
8.24
1.00
.25
4 HOLES
.31 DIA
7.75
8.50
CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT MOTOR PERFORMANCE IS SUITABLE IN THE APPLICATION.
REV. DESC: OMITTED FELT WSHR HA1025A03 & CHG'D TO SEALED BRGS
REV. LTR: K 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
G8LY0231

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