

ABB BALDOR RELIANCE III

Customer information packet 8123WD

.75HP, 3000/3600RPM, 3PH, 50/60HZ, 3524M

Specifications

Enclosure	TENV
Frame Material	Steel
Frequency	50.00 Hz 60.00 Hz 50.00 Hz 60.00 Hz
Motor Letter Type	Three Phase
Nameplate Output	.75
Number of Poles	2 2
Output @ Frequency	.750 HP @ 60 HZ .750 HP @ 50 HZ
Phase	3 3
Product Style	GRINDER
Speed	3000 rpm 3600 rpm 3000 rpm 3600 rpm
Synchronous Speed @ Frequency	3600 RPM @ 60 HZ
Voltage	208 V 230 V 460 V
Voltage @ Frequency	460.0 V @ 60 HZ 460.0 V @ 50 HZ 230.0 V @ 60 HZ 208.0 V @ 50 HZ 208.0 V @ 60 HZ 230.0 V @ 50 HZ
Agency Approvals	CSA
Ambient Temperature	40 °C
Base Indicator	Rigid

Part Detail

Revision	AZ
Type	AC
Mech. spec.	G8-236
Base	
Status	PRD/A
Elec. spec.	G8WG0013
Layout	G8LY0236
Eff. date	10-04-2022
CD Diagram	CD0005
Poles	02
Leads	9#18 12" LG Y
Proprietary	False
Created date	08-08-2007

Current @ Voltage

1.500 A @ 208.0 V

1.400 A @ 230.0 V

.700 A @ 460.0 V

Duty Rating	CONT
Insulation Class	B
KVA Code	-
Motor Lead Quantity/Wire Size	9 @ 18 AWG
Motor Standards	Other
Motor Type	3524M
Mounting Arrangement	F1
Product Family	Grinder
Service Factor	1.00
Shaft Extension Location	Double Shaft
Shaft Rotation	Phase Seq-Opp Std Rot (CWOE)
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Winding	None

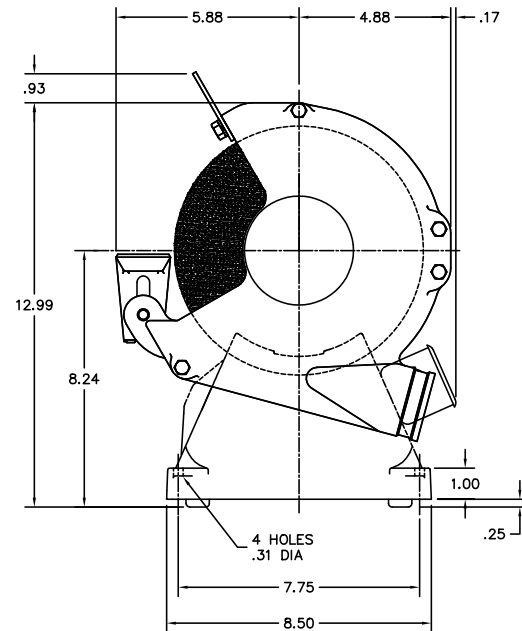
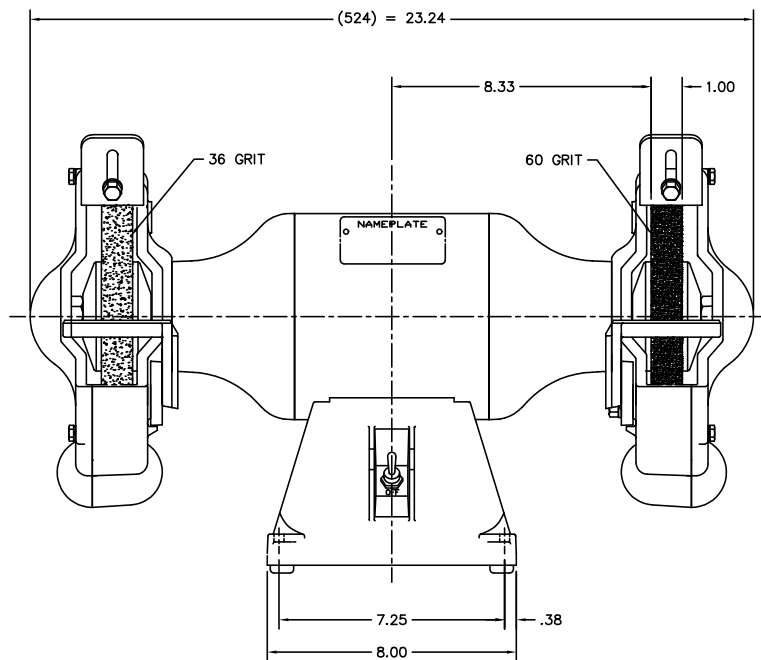
Nameplate

NP0113			
CAT.NO.	8123WD		
HP	.75	VOLTS	208-230/460
PHASE	3	AMPS	1.5-1.4/.7
HZ	50//60	RPM	3000//3600
SER.NO			
SPEC.	G8-236-13		

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

GBLY0236



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:	D BY: SSS REVISED: 09/29/00 2:38 TDR: 0212666
FILE:	AAA00036170 REF: -
MTL:	-

BALDOR ELECTRIC Co.

STD 8" GRINDER 524M W/EYESHIELDS, WATER POT, TOOL REST

GBLY0236

