

ABB BALDOR RELIANCE III

Customer information packet

1216W

3HP, 1500/1800RPM, 3PH, 50/60HZ, 3628M, GRND

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	3
Number of Poles	4 4
Output @ Frequency	3.000 HP @ 60 HZ 3.000 HP @ 50 HZ
Phase	3 3
Product Style	GRINDER
Speed	1500 rpm 1800 rpm 1500 rpm 1800 rpm
Synchronous Speed @ Frequency	1800 RPM @ 60 HZ
Voltage	208 V 230 V 460 V
Voltage @ Frequency	230.0 V @ 50 HZ 208.0 V @ 60 HZ 208.0 V @ 50 HZ 230.0 V @ 60 HZ 460.0 V @ 50 HZ 460.0 V @ 60 HZ
Agency Approvals	CSA UR
Ambient Temperature	40 °C
Base Indicator	Rigid

Part Detail

Revision	X
Type	AC
Mech. spec.	G12-118
Base	
Status	PRD/A
Elec. spec.	G2WG0004
Layout	G2LY0118
Eff. date	06-05-2026
CD Diagram	CD0251
Poles	04
Leads	9#16 12"FRM STAT IRN Y
Proprietary	False
Created date	01-01-0001

Current @ Voltage	3.700 A @ 460.0 V
	7.400 A @ 230.0 V
	8.000 A @ 208.0 V
Duty Rating	CONT
Insulation Class	B
KVA Code	G
Motor Lead Quantity/Wire Size	9 @ 16 AWG
Motor Standards	Other
Motor Type	3628M
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

NP3412L			
CAT.NO.	1216W		
HP	3	VOLTS	208-230/460
PHASE	3	AMPS	8-7.4/3.7
HZ	50//60	RPM	1500//1800
SER.NO			
SPEC.	G12-118C-0004		
BLANK			

Accessories

Part number	Description	Multiplier
GA20	PEDESTAL INDUSTRIAL, CAST IRON 8"-14"	A8
GA9	PAIR LIGHTED EYESHIELDS	A8
GA9-1	SINGLE LIGHTED EYESHIELD	A8
GA9S	PAIR EYESHIELDS W/ ON-OFF SWITCH	A8
GA11	PAIR EYESHIELDS	A8
B125	12" 30 GRIT GRINDING WHEEL	A8
B126	12" 46 GRIT GRINDING WHEEL	A8
DC12	DUST CONTROL UNIT	A8
DC12-3	DUST CONTROL UNIT	A8





