

ABB BALDOR RELIANCE III

Customer information packet 1252

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

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	208.0 V @ 60 HZ 208.0 V @ 50 HZ 230.0 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.	G12-121
Base	
Status	PRD/A
Elec. spec.	G2WG0004
Layout	G2LY0121
Eff. date	10-20-2025
CD Diagram	CD0251
Poles	04
Leads	9#16 12" FROM IRON Y
Proprietary	False
Created date	01-01-0001

Bearing Grease Type	Polyrex EM (-20F +300F)
Current @ Voltage	3.700 A @ 460.0 V
	7.400 A @ 230.0 V
	8.000 A @ 208.0 V
Duty Rating	CONT
Feedback Device	NO FEEDBACK
Insulation Class	B
KVA Code	G
Motor Lead Quantity/Wire Size	9 @ 16 AWG
Motor Standards	Other
Motor Type	3628M
Mounting Arrangement	F1
Overall Length	39.32 IN
Product Family	Buffer
Service Factor	1.00
Shaft Extension Location	Double Shaft
Shaft Rotation	Phase Seq-Opp Std Rot (CWOE)
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

NP3411L			
CAT.NO.	1252		
HP	3	VOLTS	208-230/460
PHASE	3	AMPS	8-7.4/3.7
HZ	50//60	RPM	1500//1800
SER.NO			
SPEC.	G12-121C-0004		
BLANK			

Accessories

Part number	Description	Multiplier
GA20	PEDESTAL INDUSTRIAL, CAST IRON 8"-14"	A8



