

ABB BALDOR RELIANCE III

Customer information packet

VSPJMM3311T

7.5HP, 1775RPM, 3PH, 60HZ, 213JM, 3750M, ODP, F

Class - None

Division - Not Applicable

Specifications

Enclosure	ODP
Frame	213JM
Frame Material	Steel
Frequency	60.00 Hz
Haz Area Class and Group	None
Haz Area Division	Not Applicable
Motor Letter Type	Three Phase
Output @ Frequency	7.500 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1800 RPM @ 60 HZ
Voltage @ Frequency	230.0 V @ 60 HZ 460.0 V @ 60 HZ
Agency Approvals	WEEE
Ambient Temperature	40 °C
Auxiliary Box	NO AUXILLARY BOX
Auxiliary Box Lead Termination	None
Base Indicator	No Mounting
Bearing Grease Type	Polyrex EM (-20F +300F)
Blower	None
Current @ Voltage	10.000 A @ 460.0 V 20.000 A @ 230.0 V
Design Code	A
Drip Cover	Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	92.4 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Shaft Indicator	None
Heater Indicator	No Heater
High Voltage Full Load Amps	10.0 a
Insulation Class	F
Inverter Code	Inverter Duty

Part Detail

Revision	A
Type	AC
Mech. spec.	37EE003
Base	
Status	PRD/A
Elec. spec.	37WGZ670
Layout	37LYEE003
Eff. date	11-19-2025
CD Diagram	CD0005
Poles	04
Leads	9#14
Proprietary	False
Created date	08-13-2025

KVA Code	L
Lifting Lugs	Standard Lifting Lugs
Locked Bearing Indicator	Locked Bearing
Max Speed	2700 rpm
Motor Lead Quantity/Wire Size	9 @ 14 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	3750M
Mounting Arrangement	F1
Number of Poles	4
Overall Length	21.59 IN
Power Factor	78
Product Family	General Purpose
Pulley End Bearing Type	Ball
Pulley Face Code	C-Face
Pulley Shaft Indicator	Tapped & Key
Rodent Screen	Included
RoHS Status	ROHS COMPLIANT
Service Factor	1.15
Shaft Diameter	0.875 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	Shaft Slinger
Speed	1775 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	None
Vibration Sensor Indicator	No Vibration Sensor
Winding Thermal 1	None
Winding Thermal 2	None

Nameplate

NP4423A01A01L															
CAT #	VSPJMM3311T					WGT	158	LBS							
SPEC	37EE003Z670					ENCL	ODP								
SER #						CC	010A	IP	23						
HP	7.5	MAG CUR				9.8/4.9									
VOLTS	230/460					NEMA NOM. EFF					92.4				
AMPS	20/10					PF	78								
RATING	40C AMB-CONT														
RPM	1775					MAX RPM		2700							
FRAME	213JM	HZ	60	CODE		L	CLASS		F						
SER.F.	1.25	SF AMP	25/12.5				PH	3	DES	A					
DE	6309		ODE		6206										
LUBRICATION	POLYREX EM														
ID LOGO	INVERTER TYPE			VPWM		CHP	60	TO		90	1.5:1				
ID LOGO	WK2	1.18	CT	6	TO	60	10:1								
ID LOGO	SL HZ	0.8	VT	3	TO	60	20:1								
							QR								
YR															

