



Customer information packet

SPJMM3309T

5HP, 1160RPM, 3PH, 60HZ, 215JM, 3744M, OPSB, F1

Class - None

Division - Not Applicable

Specifications

Enclosure	OPSB
Frame	215JM
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	5.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1200 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	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Blower	None
Current @ Voltage	14.600 A @ 230.0 V 15.700 A @ 208.0 V 7.300 A @ 460.0 V
Design Code	A
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	90.2 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Shaft Indicator	None
Heater Indicator	No Heater
High Voltage Full Load Amps	7.3 a
Insulation Class	F

Part detail

Revision	A
Type	AC
Mech. spec.	37EE002
Base	
Status	PRD/A
Elec. spec.	37WGT973
Layout	37LYEE002
Eff. date	11-19-2025
CD Diagram	CD0005
Poles	06
Leads	9#14
Proprietary	False
Created date	08-13-2025

Inverter Code	Inverter Duty
KVA Code	K
Lifting Lugs	Standard Lifting Lugs
Locked Bearing Indicator	Locked Bearing
Max Speed	1800 rpm
Motor Lead Quantity/Wire Size	9 @ 14 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	3744M
Mounting Arrangement	F1
Number of Poles	6
Overall Length	19.32 IN
Power Factor	71
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 NON-COMPLIANT
Service Factor	1.25
Shaft Diameter	0.875 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	1160 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 #	SPJMM3309T				WGT	141	LBS						
SPEC	37EE002T973				ENCL	OPSB							
SER #					CC	010A	IP	23					
HP	5	MAG CUR			7.6/3.8								
VOLTS	230/460				NEMA NOM. EFF				90.2				
AMPS	14.6/7.3					PF	71						
RATING	40C AMB-CONT												
RPM	1160				MAX RPM		1800						
FRAME	215JM	HZ	60	CODE		K	CLASS		F				
SER.F.	1.25	SF AMP	18.2/9.1			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	1.09	CT	6	TO	60	10:1						
ID LOGO	SL HZ	2	VT	3	TO	60	20:1						
						QR							
YR													



