



Customer information packet

SPJMM3555T

2HP, 3475RPM, 3PH, 60HZ, 145JM, 3532M, TEFC, F1

Class - None

Division - Not Applicable

Specifications

Enclosure	TEFC
Frame	145JM
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	2.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	3600 RPM @ 60 HZ
Voltage @ Frequency	230.0 V @ 60 HZ 460.0 V @ 60 HZ
Agency Approvals	WEEE NEMA PREMIUM
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	2.400 A @ 460.0 V 4.800 A @ 230.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	86.5 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Shaft Indicator	None
Heater Indicator	No Heater
High Voltage Full Load Amps	2.4 a
Insulation Class	H

Part detail

Revision	A
Type	AC
Mech. spec.	35EE454
Base	
Status	PRD/A
Elec. spec.	35WGK113
Layout	35LYEE454
Eff. date	11-19-2025
CD Diagram	CD0005
Poles	02
Leads	9#18
Proprietary	False
Created date	08-08-2025

Inverter Code	Inverter Duty
KVA Code	L
Lifting Lugs	No Lifting Lugs
Locked Bearing Indicator	Locked Bearing
Max Speed	6000 rpm
Motor Lead Quantity/Wire Size	9 @ 18 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	3532M
Mounting Arrangement	F1
Number of Poles	2
Overall Length	16.28 IN
Power Factor	89
Product Family	General Purpose
Pulley End Bearing Type	Ball
Pulley Face Code	C-Face
Pulley Shaft Indicator	Tapped & Key
Rodent Screen	None
RoHS Status	ROHS COMPLIANT
Service Factor	1.25
Shaft Diameter	0.875 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	Shaft Slinger
Speed	3475 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 #	SPJMM3555T					WGT	50		LBS			
SPEC	35EE454K113					ENCL	TEFC					
SER #						CC	010A		IP	54		
HP	2			MAG CUR			1.8/9					
VOLTS	230/460					NEMA NOM. EFF					86.5	
AMPS	4.8/2.4						PF	89				
RATING	40C AMB-CONT											
RPM	3475					MAX RPM		6000				
FRAME	145JM		HZ	60		CODE	L	CLASS		H		
SER.F.	1.25	SF AMP	6/3			PH		3	DES	B		
DE	6206			ODE	6203							
LUBRICATION	POLYREX EM											
ID LOGO	INVERTER TYPE			VPWM		CHP		60		TO	90	1.5:1
ID LOGO	WK2	0.09	CT	6	TO	60	10:1					
ID LOGO	SL HZ	2.1	VT	3	TO	60	20:1					
							QR					
YR												



