



Customer information packet

SPM4111T

25HP, 1185RPM, 3PH, 60HZ, 324T, 1272M, TEFC, F1

Class - None

Division - Not Applicable

Specifications

Enclosure	TEFC
Frame	324T
Frame Material	Iron
Frequency	60.00 Hz
Haz Area Class and Group	None
Haz Area Division	Not Applicable
Motor Letter Type	Three Phase
Output @ Frequency	25.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1200 RPM @ 60 HZ
Voltage @ Frequency	460.0 V @ 60 HZ 230.0 V @ 60 HZ
Agency Approvals	CURUSEEV NEMA PREMIUM NEMA_PREMIUM WEEE CSA
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	31.000 A @ 460.0 V 62.000 A @ 230.0 V
Design Code	A
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	94.1 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Shaft Indicator	None

Part detail

Revision	C
Type	AC
Mech. spec.	12T116
Base	
Status	PRD/A
Elec. spec.	12WGZ342
Layout	12LYT116
Eff. date	12-09-2025
CD Diagram	CD0005
Poles	06
Leads	9#8
Proprietary	False
Created date	10-02-2023

Haz Area Temp Code	T3C
Heater Indicator	No Heater
High Voltage Full Load Amps	31.0 a
Insulation Class	F
Inverter Code	Inverter Duty
KVA Code	J
Lifting Lugs	Standard Lifting Lugs
Locked Bearing Indicator	Locked Bearing
Max Speed	1800 rpm
Motor Lead Quantity/Wire Size	9 @ 8 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	1272M
Mounting Arrangement	F1
Number of Poles	6
Overall Length	30.71 IN
Power Factor	83
Product Family	Chemical Processing (Not DC)
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Pulley Shaft Indicator	Standard
Rodent Screen	None
RoHS Status	ROHS COMPLIANT
Service Factor	1.15
Shaft Diameter	2.125 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	1185 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

NP4439B01C23L

CAT #	SPM4111T										SER #											CC	010A	WGT	680	LBS			
SPEC	12T116Z342										FRAME	324T										ENCL	TEFC	IP	55				
RATING	40C AMB-CONT																				NEMA NOM. EFF		94.1						
HP	25										VOLTS	230/460																	
AMPS	62/31										RPM	1185										HZ	60						
PH	3	CL	F	CODE	J	DES	A	PF	83	%	SER.F.		1.15	SF AMP															
DE BRG	6312										ODE BRG	6312										LUBE	POLYREX EM						
INV TYPE:		VPWM		SL HZ		0.8		CHP		60		TO		90		1.5:1													
WK2	13.8		LBFT2		MAX RPM		1800		CT		6		TO		60		10:1												
MAG CUR		29/14.5										VT		3		TO		60		20:1									
																				MEETS INTENT OF IEEE-45					FOR WEATHER PROTECTION				



