



Customer information packet

CSPM2506T

7.5HP, 1180RPM, 3PH, 60HZ, 254TC, 3950M, OPSB

Class - None

Division - Not Applicable

Specifications

Enclosure	ODP
Frame	254TC
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	1200 RPM @ 60 HZ
Voltage @ Frequency	460.0 V @ 60 HZ 230.0 V @ 60 HZ
Agency Approvals	CURUSEEV NEMA_PREMIUM 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	22.000 A @ 230.0 V 26.000 A @ 208.0 V 11.000 A @ 460.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	91.7 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Shaft Indicator	None
Heater Indicator	No Heater

Part detail

Revision	C
Type	AC
Mech. spec.	39E763
Base	
Status	PRD/A
Elec. spec.	39WGW951
Layout	39LYE763
Eff. date	12-15-2025
CD Diagram	CD0005
Poles	06
Leads	9#12
Proprietary	False
Created date	11-16-2023

High Voltage Full Load Amps	11.0 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 @ 12 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	3950M
Mounting Arrangement	F1
Number of Poles	6
Overall Length	23.19 IN
Power Factor	70
Product Family	General Purpose
Pulley End Bearing Type	Ball
Pulley Face Code	C-Face
Pulley Shaft Indicator	Standard
Rodent Screen	None
RoHS Status	ROHS COMPLIANT
Service Factor	1.15
Shaft Diameter	1.625 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	1180 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 #	CSPM2506T					WGT	248	LBS					
SPEC	39E763W951					ENCL	OPSB						
SER #						CC	010A	IP	23				
HP	7.5	MAG CUR				11.4/5.7							
VOLTS	230/460					NEMA NOM. EFF					91.7		
AMPS	22/11						PF	70					
RATING	40C AMB-CONT												
RPM	1180					MAX RPM		1800					
FRAME	254TC	HZ	60	CODE		J	CLASS		F				
SER.F.	1.15	SF AMP					PH	3	DES	B			
DE	6309		ODE	6208									
LUBRICATION	POLYREX EM												
ID LOGO	INVERTER TYPE			VPWM		CHP	1.5	TO	1	1.5:1			
ID LOGO	WK2	4.02	CT	10	TO	1	10:1						
ID LOGO	SL HZ	1	VT	20	TO	1	20:1						
							QR						
YR													



