



Customer information packet

EBM3554T-S

1.5HP, 1750RPM, 3PH, 60HZ, 145TY, 3526M, TEFC

Class - None

Division - Not Applicable

Specifications

Enclosure	TEFC
Frame	145TY
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	1.500 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	CE CURUSEEV NEMA PREMIUM UKCA WEEE
Ambient Temperature	40 °C
Auxillary Box	No Auxillary Box
Auxillary Box Lead Termination	None
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Blower	None
Current @ Voltage	4.500 A @ 230.0 V 2.250 A @ 460.0 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

Part detail

Revision	-
Type	AC
Mech. spec.	35X162
Base	
Status	PRD/A
Elec. spec.	35WGG524
Layout	35LYX162
Eff. date	10-16-2024
CD Diagram	CD0005
Poles	04
Leads	9#18
Proprietary	False
Created date	10-03-2024

Heater Indicator	No Heater
High Voltage Full Load Amps	2.3 a
Insulation Class	F
Inverter Code	Inverter Ready
KVA Code	M
Lifting Lugs	No Lifting Lugs
Locked Bearing Indicator	No Locked Bearing
Motor Lead Quantity/Wire Size	9 @ 18 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	3526M
Mounting Arrangement	F3
Number of Poles	4
Overall Length	15.40 IN
Power Factor	73
Product Family	General Purpose
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Pulley Shaft Indicator	Standard
Rodent Screen	None
Service Factor	1.15
Shaft Diameter	0.875 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	1750 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

NP2934L									
CAT.NO.	EBM3554T-S								
SPEC.	35X162G524G1								
HP	1.5								
VOLTS	230/460								
AMP	4.5/2.25								
R.P.M. (1/MIN)	1750								
FRAME	145TY		HZ	60		PH	3		
SER.F.	1.15		CODE	M	DES	B	CL	F	
NEMA-NOM-EFF	86.5		PF	73					
RATING	40C AMB-CONT								
CC	010A								
DE	6205		ODE	6205					
ENCL	TEFC		SN						
	IP22, BRK 10 FT-LB								



