



Customer information packet

EFM3770T-G

7.5HP, 1770RPM, 3PH, 60HZ, 213T, 0738M, TEFC, F

Class - None

Division - Not Applicable

Specifications

Enclosure	TEFC
Frame	213T
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	7.500 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1800 RPM @ 60 HZ
Voltage @ Frequency	240.0 V @ 60 HZ 480.0 V @ 60 HZ
Agency Approvals	CSA EEV NEMA PREMIUM UR
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	19.000 A @ 240.0 V 9.500 A @ 480.0 V
Design Code	A
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
High Voltage Full Load Amps	9.5 a

Part detail

Revision	B
Type	AC
Mech. spec.	07Q183
Base	
Status	PRD/A
Elec. spec.	07WGX790
Layout	07LYQ183
Eff. date	04-29-2024
CD Diagram	CD0005
Poles	04
Leads	9#14
Proprietary	False
Created date	03-30-2023

Insulation Class	F
Inverter Code	Inverter Duty
KVA Code	J
Lifting Lugs	Standard Lifting Lugs
Locked Bearing Indicator	Locked Bearing
Motor Lead Quantity/Wire Size	9 @ 14 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	0738M
Mounting Arrangement	F2
Number of Poles	4
Overall Length	18.45 IN
Power Factor	80
Product Family	General Purpose
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Pulley Shaft Indicator	Standard
Rodent Screen	None
Service Factor	1.00
Shaft Diameter	1.375 IN
Shaft Ground Indicator	Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	1770 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

NP3441LUA

CAT.NO.	EFM3770T-G									
SPEC	07Q183X790G1									
HP	7.5									
VOLTS	240/480									
AMPS	19/9.5									
RPM	1770									
FRAME	213T		HZ	60		PH	3			
SF	1.00	CODE	J	DES	A	CLASS	F			
NEMA NOM. EFF	91.7	PF	80							
RATING	40C AMB-CONT									
CC	010A									
ENCL	TEFC	SER								
DE	6307		ODE	6206						
VPWM INVERTER READY										
CT6-60H(10:1)VT3-60H(20:1										
	50HZ 5HP 190/380V 15.8/7.9A						SF1.0			



