



Product Information Packet

CEM3546T

1HP,1770RPM,3PH,60HZ,143TC,3520M,TEFC,F1

Part Detail							
Revision:	A	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Elec. Spec:	35WGG004	CD Diagram:	CD0005	Mfg Plant:	
Mech. Spec:	35AA002	Layout:	35LYAA002	Poles:	04	Created Date:	01-10-2022
Base:	RG	Eff. Date:	05-10-2022	Leads:	9#18	Y	

Specs			
Catalog Number:	CEM3546T	Heater Indicator:	No Heater
Enclosure:	TEFC	Insulation Class:	F
Frame:	143TC	Inverter Code:	Inverter Ready
Frame Material:	Steel	KVA Code:	L
Motor Letter Type:	Three Phase	Lifting Lugs:	No Lifting Lugs
Output @ Frequency:	1.000 HP @ 60 HZ	Locked Bearing Indicator:	Locked Bearing
Synchronous Speed @ Frequency:	1800 RPM @ 60 HZ	Motor Lead Quantity/Wire Size:	9 @ 18 AWG
Voltage @ Frequency:	230.0 V @ 60 HZ	Motor Lead Exit:	Ko Box
	460.0 V @ 60 HZ	Motor Lead Termination:	Flying Leads
XP Class and Group:	None	Motor Type:	3520M
XP Division:	Not Applicable	Mounting Arrangement:	F1
Agency Approvals:	CSA	Power Factor:	71
	CSA EEV	Product Family:	General Purpose
	UR	Pulley End Bearing Type:	Ball
Auxillary Box:	No Auxillary Box	Pulley Face Code:	C-Face
Auxillary Box Lead Termination:	None	Pulley Shaft Indicator:	Standard
Base Indicator:	Rigid	Rodent Screen:	None
Bearing Grease Type:	Polyrex EM (-20F +300F)	RoHS Status:	ROHS COMPLIANT

Blower:	None	Shaft Extension Location:	Pulley End
Current @ Voltage:	3.100 A @ 208.0 V	Shaft Ground Indicator:	No Shaft Grounding
	3.000 A @ 230.0 V	Shaft Rotation:	Reversible
	1.500 A @ 460.0 V	Shaft Slinger Indicator:	No Slinger
Design Code:	B	Speed Code:	Single Speed
Drip Cover:	No Drip Cover	Motor Standards:	NEMA
Duty Rating:	CONT	Starting Method:	Direct on line
Electrically Isolated Bearing:	Not Electrically Isolated	Thermal Device - Bearing:	None
Feedback Device:	NO FEEDBACK	Thermal Device - Winding:	None
Front Face Code:	Standard	Vibration Sensor Indicator:	No Vibration Sensor
Front Shaft Indicator:	None	Winding Thermal 1:	None
		Winding Thermal 2:	None

Nameplate NP3441LUA

CAT.NO.	CEM3546T											
SPEC	35AA002G004G1											
HP	1											
VOLTS	230/460											
AMPS	3.2/1.6											
RPM	1770											
FRAME	143TC				HZ	60				PH	3	
SF	1.15			CODE	N	DES	B	CLASS	F			
NEMA NOM. EFF	85.5			PF	69							
RATING	40C AMB-CONT											
CC	010A			USABLE AT 208V						3.2		
ENCL	TEFC			SER								
DE	6205				ODE	6203						
VPWM INVERTER READY	SFA 3.4/1.7											
CT6-60H(10:1)VT3-60H(20:1	50HZ 1HP 190/380V 3.6/1.8A										SF1.0	

No performance data has been
assigned to this product.



