

VENCP83580T-4

1HP, 3450RPM, 3PH, 60HZ, 143TC, 0520M, TENV, F1



Product Information Packet PDF

Ship Weight	59.000 LB
UPC	781568502488

Specs

Catalog Number	VENCP83580T-4	KVA Code	J
Enclosure	TENV	Lifting Lugs	Standard Lifting Lugs
Frame	143TC	Locked Bearing Indicator	Locked Bearing
Frame Material	Iron	Max Speed	5400 rpm
Frequency	60.00 Hz	Motor Lead Exit	Ko Box
Motor Letter Type	Three Phase	Motor Lead Termination	Flying Leads
Output @ Frequency	1.000 HP @ 60 HZ	Motor Lead Quantity/Wire Size	@ AWG 3 @ 18 AWG
Phase	3	Motor Type	0520M
Synchronous Speed @ Frequency	3600 RPM @ 60 HZ	Mounting Arrangement	F1
Voltage @ Frequency	460.0 V @ 60 HZ	Number of Poles	2
Haz Area Class and Group	CLI GP A,B,C,D	Overall Length	12.00 IN
Haz Area Division	Division II	Power Factor	88
Agency Approvals	CCSA US CSA EEV NEMA PREMIUM NEMA_PREMIUM UR	Product Family	Chem Process S/P 32-8 IEEE 841
Ambient Temperature	40 °C	Pulley End Bearing Type	Ball
Auxillary Box	No Auxillary Box	Pulley Face Code	Standard
Auxillary Box Lead Termination	None	Pulley Shaft Indicator	Standard
Base Indicator	No Mounting	Rodent Screen	None
Bearing Grease Type	Polyrex EM (-20F +300F)	Service Factor	1.15
Blower	None	Shaft Diameter	0.875 IN
		Shaft Extension Location	Pulley End

Constant Torque Speed Range	1.8
Current @ Voltage	1.300 A @ 460.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	77.0 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
High Voltage Full Load Amps	1.3 a
Front Face Code	Standard
Front Shaft Indicator	None
Heater Indicator	No Heater
Insulation Class	F
Inverter Code	Inverter Duty

Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	Shaft Slinger
Speed	3490 rpm
Speed Code	Single Speed
Motor Standards	NEMA
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
Haz Area Temp Code	T3C

Drawings

Dimension Sheet

Connection Diagram

Literature

CAD File

2D CAD 3D CAD

>> Select 2D Format

Nameplate

CAT.NO.	VENCP83580T-4					
SPEC.	05F158W634G1					
HP	1 TE		IP	56		
VOLTS	460					
AMPS	1.3					
R.P.M.	3490					
FRAME	143TC		HZ	60		PH 3
SER.F.	1.15	CODE	J	DES.	B	CLASS F
RATING	40C AMB-CONT					
SN						
DE	6205		ODE	6205		
NEMA NOM. EFF.	77		P.F.	88		
GUAR. MIN. EFF.	74	CC	010A			
T. CODE	T3C	TEMP=	160			

NP4328

SPEC.	05F158W634G1					
ABMA DE BRG	25BC02X30X					
ABMA ODE BRG	25BC02XP30X					
GREASE	POLYREX EM					
MOTOR WEIGHT	59	ROTOR BARS	20	STATOR BARS	24	
MAX. R.P.M.	5400	MAX. KVAR	0.05			
INV.TYPE	PWM					
T=	160					
CHP	60	TO	90			
CT	1.8	TO	60			
VT	-0	TO	60			
HTR-VOLTS	N/A	HTR-AMPS	N/A			
HTR-WATTS	N/A	MAX. SPACE HEATER TEMP.	N/A			

NP3186

Parts

Part Number	Description	Quantity
51XW2520A12	SCREW, HEX SER SLT HD, ZN, 1/4-20 X .75	2.000 EA
LB1624	COMBINED WARNING LABEL, ISO/ANSI PICTOGR	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (2100bx)4/22	1.000 EA

