

XM28262T

20//15HP, 1180//980RPM, 3PH, 60//50HZ, 286T



Product Information Packet PDF

Ship Weight	466.000 LB
UPC	781568973417

Specs

Catalog Number	XM28262T	Inverter Code	Inverter Duty
Enclosure	XPFC	IP Rating	NONE
Frame	286T	KVA Code	H
Frame Material	Iron	Lifting Lugs	Standard Lifting Lugs
Frequency	50.00 Hz 60.00 Hz	Locked Bearing Indicator	Locked Bearing
Motor Letter Type	Three Phase	Max Speed	1800 rpm
Output @ Frequency	15.000 HP @ 50 HZ 20.000 HP @ 60 HZ	Motor Lead Termination	Flying Leads
Phase	3	Motor Type	1062M
Synchronous Speed @ Frequency	1200 RPM @ 60 HZ	Mounting Arrangement	F1
Voltage @ Frequency	380.0 V @ 50 HZ 230.0 V @ 60 HZ 190.0 V @ 50 HZ 460.0 V @ 60 HZ	Number of Poles	6
Haz Area Class and Group	CLI GP D; CLII GP F,G	Overall Length	28.61 IN
Haz Area Division	Division I	Power Factor	78
Agency Approvals	CSA EEV UL	Product Family	Hazardous Location Motor
Ambient Temperature	40 °C	Pulley Face Code	Standard
Auxillary Box	No Auxillary Box	Rodent Screen	None
		Service Factor	1.00
		Shaft Diameter	1.875 IN
		Shaft Ground Indicator	No Shaft Grounding
		Shaft Rotation	Reversible
		Speed	1180 rpm
		Speed Code	Single Speed
		Motor Standards	NEMA
		Starting Method	Direct on line

Auxillary Box Lead Termination	None
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Blower	None
Constant Torque Speed Range	6
Current @ Voltage	52.000 A @ 230.0 V 48.000 A @ 190.0 V 26.000 A @ 460.0 V 24.000 A @ 380.0 V
Design Code	A
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	93.0 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
High Voltage Full Load Amps	24.0 a
Heater Indicator	No Heater
Insulation Class	F

Thermal Device - Bearing	None
Thermal Device - Winding	Normally Closed Thermostat
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

NO.											CC	010A		
S/N											TEMP CODE	T3C		
SPEC.	10-0000-2093										INV.TYPE	PWM		
CAT.NO.	XM28262T										C HP FR	60	C HP TO	90
HP	20//15										CT HZ FROM	6	CT HZ TO	60
VOLTS	230/460//190/380										VT HZ FROM	6	VT HZ TO	60
AMPS	52/26//48/24					MAG CUR	24.6/12.3							
RPM	1180//980					MX RPM	1800							
HZ	60//50	PH	3	CL	F	NOM.EFF.	93							
SER.F.	1.00	DES	A	SL HZ	1	WK2	7.59							
FRAME	286T	RATING	40C AMB-CONT											
NEMA MG-1 PART 5, IP54														
1.15 SF ON SINE WAVE														

NP0887XPSLEV

Performance

Performance at 460 V, 60 Hz, 20 hp

Typical performance; not guaranteed values.

General Characteristics

Full Load Torque	0 LB-FT	Start Configuration	DOL
No-Load Current	0 A	Break-Down Torque	286.9 LB-FT
Line-Line Res. @ 25° C	0.362 Ohms A Ph / 0 Ohms B Ph	Pull-Up Torque	113 LB-FT
Temp. Rise @ Rated Load	47° C	Locked-Rotor Torque	160.5 LB-FT
Temp. Rise @ S.F. Load	59° C	Starting Current	171.6 A

Load Characteristics

Rated Load	0%	25%	50%	75%	100%	125%	150%	S.F.
Power Factor	5.0	39.0	61.0	72.0	78.0	80.0	81.0	79.0
Efficiency	0.0	88.5	92.5	93.3	93.2	92.6	91.7	92.8
Speed (RPM)	1,199	1,195	1,191	1,187	1,183	1,178	1,173	1,180
Line Amps	12.30	13.60	16.90	21.00	25.90	31.40	37.70	29.20

Performance Curves

Parts

Part Number	Description	Quantity
LB1624	COMBINED WARNING LABEL, ISO/ANSI PICTOGR	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (2100bx)4/22	1.000 EA
HW1001A31	LOCKWASHER 5/16, ZINC PLT.591 OD, .319 I	3.000 EA
HW1001A31	LOCKWASHER 5/16, ZINC PLT.591 OD, .319 I	4.000 EA