

PRODUCT INFORMATION PACKET



Model No: 286THFNA18039
Catalog No: 286THFNA18039
30,1800,TEFC,286T,3/60/230/460

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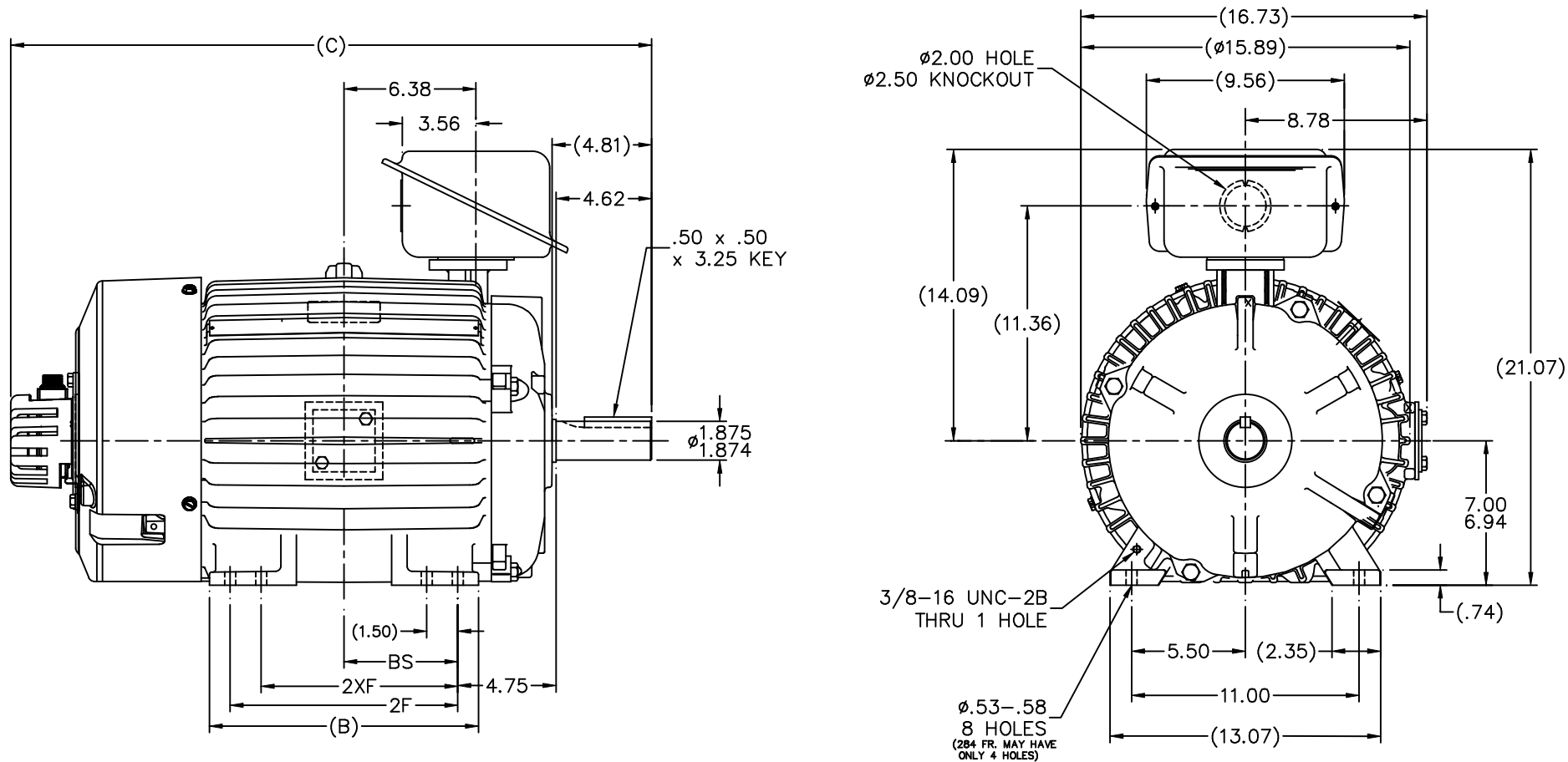
Nameplate Specifications

Phase	3	Output HP	30 Hp
Output KW	22.4 kW	Voltage	230/460 V
Speed	1776 rpm	Service Factor	1
Frame	286T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Thermostat	Efficiency	93 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	77.0/38.5 A	Power Factor	78.5
Duty	Continuous	Insulation Class	H
Design Code	A	KVA Code	J
Drive End Bearing Size	311	Opp Drive End Bearing Size	210
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Duty	Starting Method	Inverter Only
Poles	4	Rotation	Reversible
Resistance Main	.17 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Assembly/Box Mounting	F3
Outline Drawing	B-SS311826-1425	Connection Drawing	A-EE7308AD

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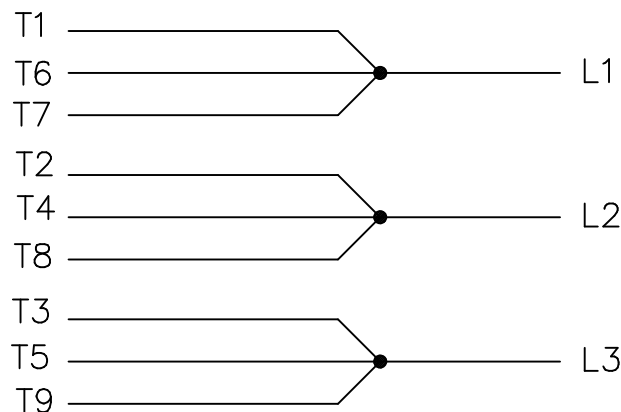
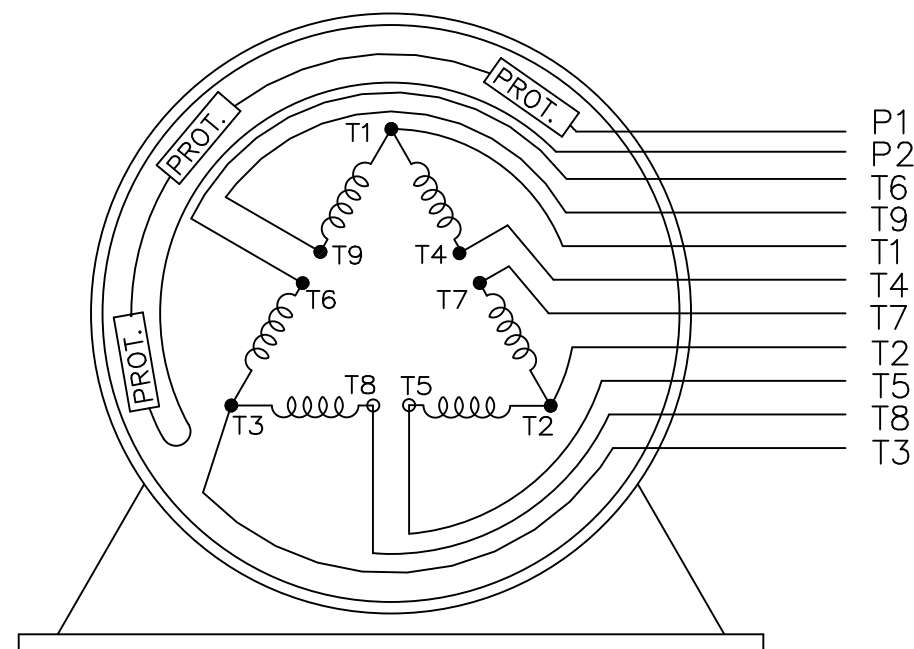
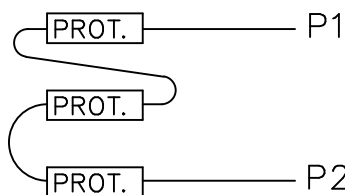
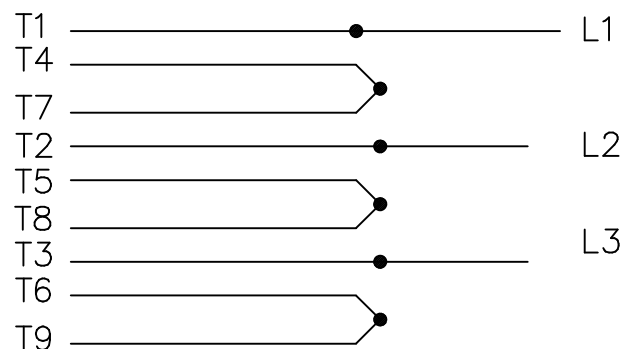


NOTES:


1. BOX CAN ONLY BE ROTATED CLOCKWISE UP TO 270° FROM ITS ORIGINAL POSITION.
2. NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.

DASH	FRAME	B	C	2F	2XF	BS
1275	284T	12.50	29.48	9.50		4.75
1425	284/286T	13.00	30.98	11.00	9.50	5.50

			TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC	DRAWN RJW 01-25-2006
			DEC.	INCHES		
			.X	±.1	CHK ML 01-25-2006	
			.XX	±.03	APPD BW 01-27-2006	
			.XXX	±.005	TITLE OUTLINE-TEFC-12.50 LAM.-HS 35 TACH	SCALE 1=5
			.XXXX	±.0005	280T FR.-BB-STD-STEEL C'BOX F3 MOUNT	REF
					MAT'L	FMF MU70692
NO.	REVISION	BY & DATE	CHK	ANG	FINISH	PREV
	THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT		RFP	01-27-2006	CAD FILE SS311826	SIZE B
			DIST	LB		DRAWING NO. SS311826
						PAGE OF
						REV.

LOW VOLTAGEHIGH VOLTAGEVIEW OF TERMINAL END

WHEN MORE THAN ONE PROT. IS USED; PROT. ARE CONNECTED IN SERIES

				TOLERANCES UNLESS SPECIFIED			DRAWN BJW 12-20-2000					
				DEC.	INCHES		CHK	DRS	12-20-2000			
				.X	±.1		APPD	TB	12-20-2000			
				.XX	±.02		SCALE					
2	HIGH VOLT. SCHEMATIC WAS L1, L3 & L3	CN 32724	DRS 06-12-2004	ML	.XXX	±.005	TITLE CONNECTION DIAGRAM 3ø – WITH PROTECTORS			REF		
1	NEW DRAWING	MU35017	BJW 12-20-2000		.XXXX	±.0005	MAT'L.			FMF		
NO.	REVISION		BY & DATE	CHK	ANG	±7'30"	FINISH			PREV		
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				DIST WA—LB				A	EE7308AD_LN			

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STACK:
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