

PRODUCT INFORMATION PACKET



Model No: 286TTFPA18033
Catalog No: 286TTFPA18033
30,1800,TEFC,286T,3/60/230/460

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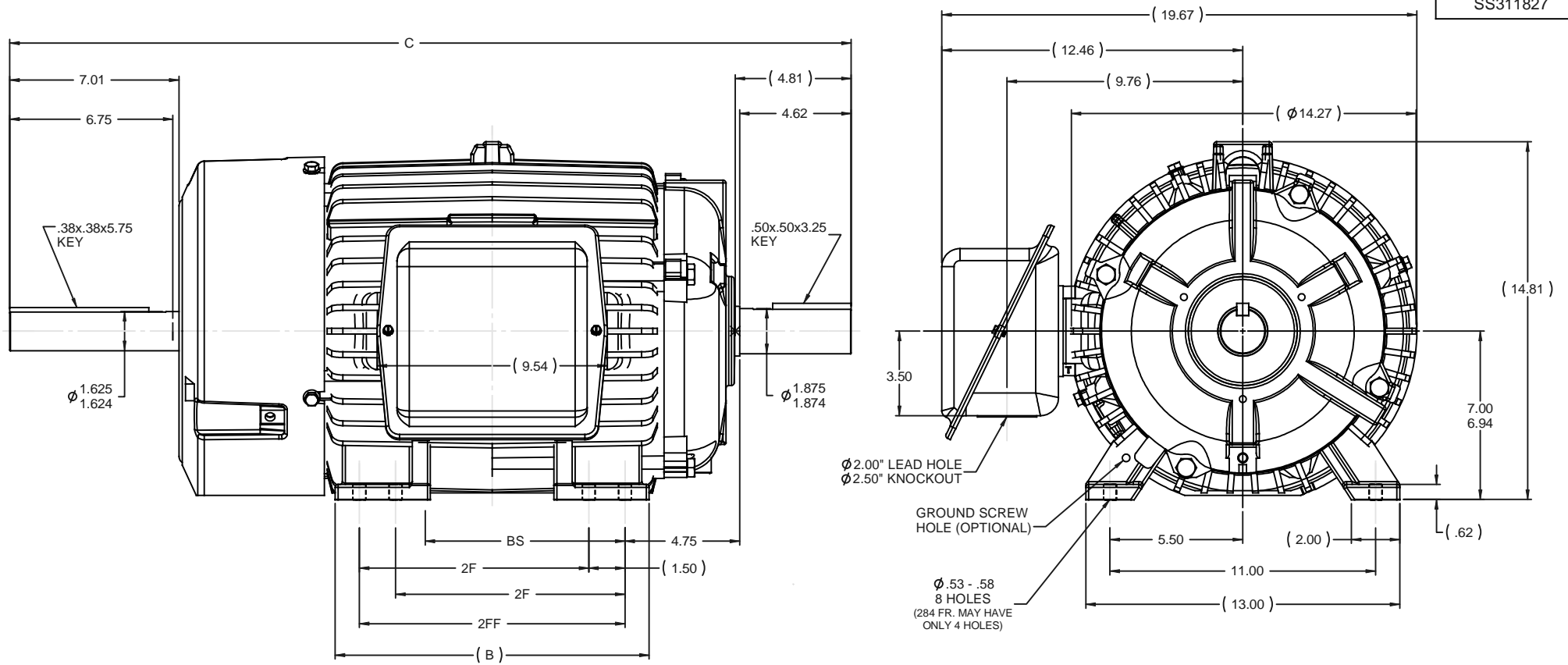
Nameplate Specifications

Phase	3	Output HP	30 Hp
Output KW	22.4 kW	Voltage	230/460 V
Speed	1765 rpm	Service Factor	1.15
Frame	286TZ	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	91 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	74.0/37.0 A	Power Factor	83
Duty	Continuous	Insulation Class	F
Design Code	C	KVA Code	F
Drive End Bearing Size	NU311	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 Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	.3 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Roller
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	Special Extension Both Sides	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	B-SS311827-1425	Connection Drawing	A-EE7308

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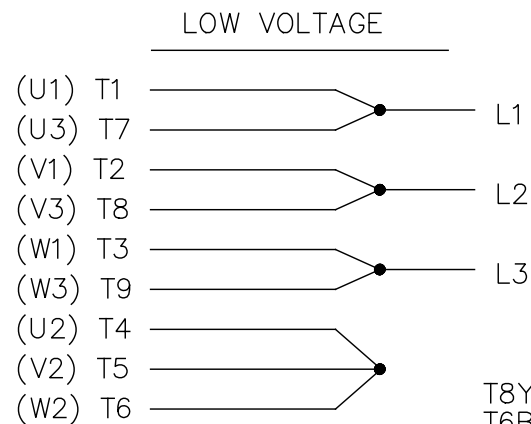
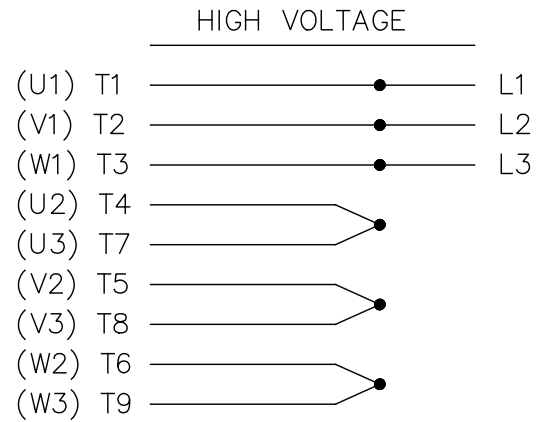


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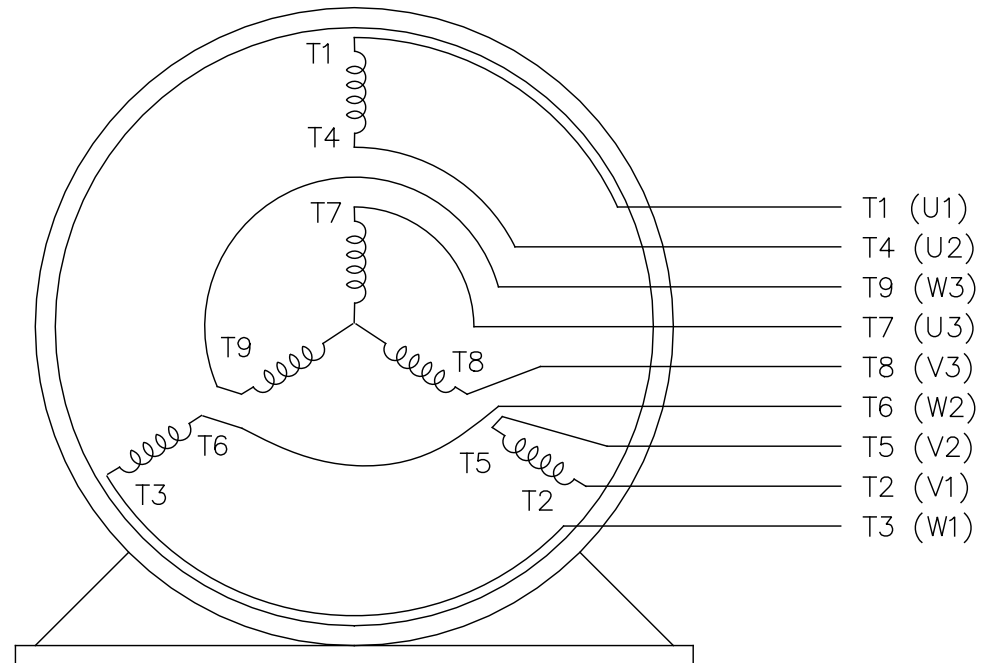
- 1- CONDUIT BOX CAN BE ROTATED IN 90° STEPS.
- 2- CONDUIT BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°
- 3- NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.

DASH	FRAME	B	C	2F	2FF	BS
1275	284T	11.50	33.34	9.50		4.75
1425	286T	13.00	34.84	9.50	11.00	5.50

			TOLERANCES UNLESS SPECIFIED		DRAWN RJW 01-31-2006
			DEC INCHES		
			.X $\pm .1$	TITLE OUTLINE - TEFC 280T FR. - STD. - 11.00 LAM	CHK ML 01-31-2006
			.XX $\pm .03$		APPR BAW 01-31-2006
			.XXX $\pm .005$		SCALE 1:4
1	REVISED MOUNTING HOLE QUANTITY CN 40694	DRS 10-25-2006 ML	.XXX $\pm .0005$	MATL	REF
NO	REVISION	BY & DATE	CHK ANG $\pm 7'30"$	FINISH	FMF MU70646
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			DIST LB	SIZE B	DRAWING NO
					SS311827
					REV 1



THREE PHASE DUAL VOLTAGE MOTOR



REF.
WINDING DIAGRAM

T8Y, T2Y, T2BL, T4BX, T2EC, T2G
T6BZ, T2B, T6BL, T4AV, T6B, T4B

VIEW OF TERMINAL END

OPTIONAL CORD CONNECTION

L1 — WHITE —
L2 — RED —
L3 — BLACK —

DRAWING REVISION	REVISION BY	DATE	TOLERANCES UNLESS OTHERWISE SPECIFIED	DRAWN BY:			
ECO	APPROVED BY	DATE	DEC. mm INCH ANGLE	AS			
ECO DESCRIPTION			.X ±2.5 ±0.11 ±0.5°	DATE:	DESCRIPTION		
NEW DRAWING			.XX ±0.51 ±0.021	02/20/2017			
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			.XXXX ±0.0127 ±0.00051	ST			
			REMOVE BURRS & BREAK SHARP	DATE:	3 PHASE - UAL VOLTAGE		
			EDGES .08/.38 [.003/.015]X 45°	02/20/2017			
			CORNER FILLETS R.51 [.02]	REFERENCE	MATERIAL		PROCESS/FINISH
			MACHINED SURFACES	EE7308			
			INCH 125 mm 3.2	THIRD ANGLE	SIZE DWG NO	EE7308TP	
			INCH SHOWN IN [BRACKETS]	PROJECTION	A		
						SHEET	
						1	