

# PRODUCT INFORMATION PACKET



Model No: TPR3R12TFC213TCFT

Catalog No: TPR3R12TFC213TCFT

TPR3R12TFC213TCFT..3/2HP..1140RPM.213TC.TEFC.208-230/460//190/380V.3PH.60/50HZ.CONT.40C.1.15SF.RIGI  
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### Nameplate Specifications

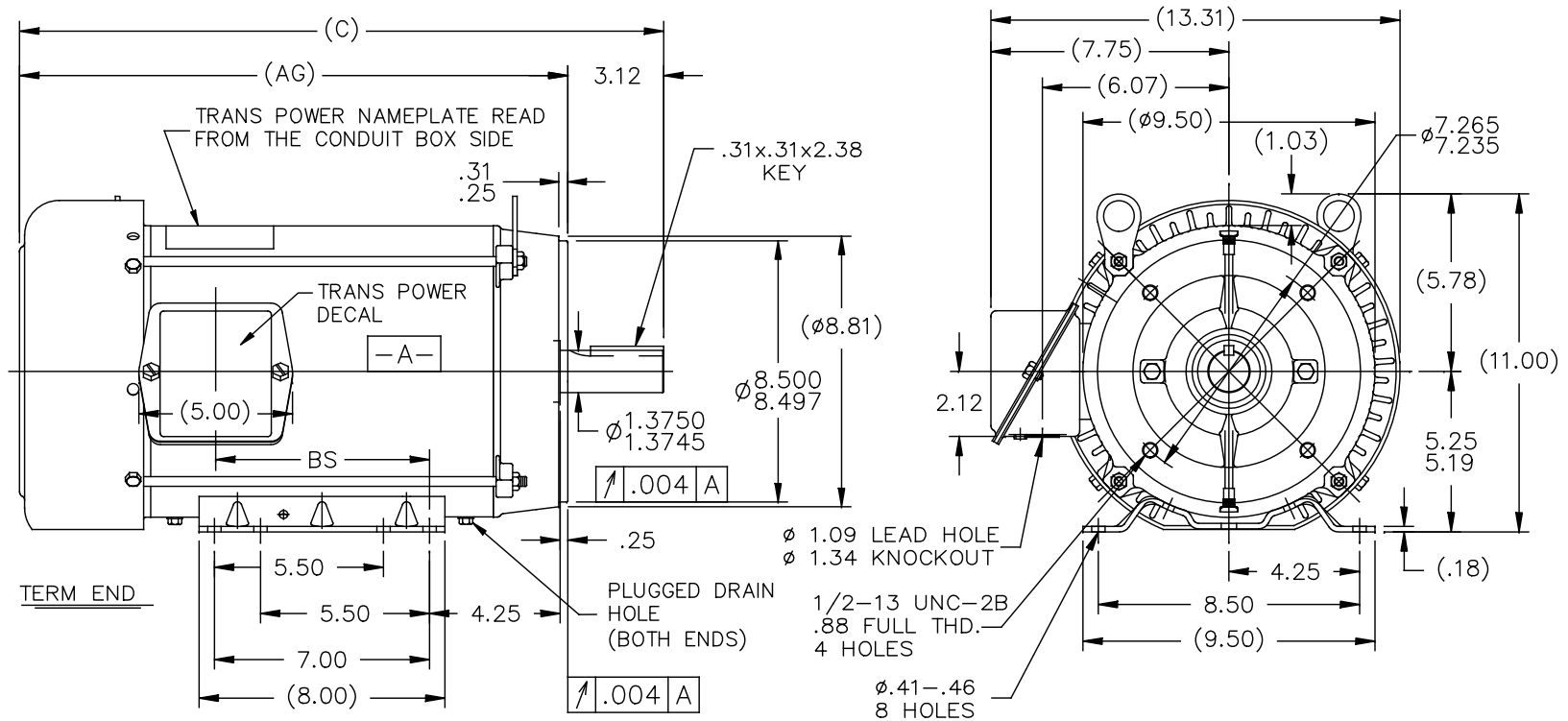
Phase	<b>3</b>	Output HP	<b>3 &amp; 2 Hp</b>
Output KW	<b>2.2 &amp; 1.5 kW</b>	Voltage	<b>230/460 &amp; 190/380 V</b>
Speed	<b>1175 &amp; 980 rpm</b>	Service Factor	<b>1.15 &amp; 1.15</b>
Frame	<b>213TC</b>	Enclosure	<b>Totally Enclosed Fan Cooled</b>
Thermal Protection	<b>No Protection</b>	Efficiency	<b>89.5 &amp; 88.5 %</b>
Ambient Temperature	<b>40 °C</b>	Frequency	<b>60 &amp; 50 Hz</b>
Current	<b>8.8/4.4 &amp; 7.8/3.9 A</b>	Power Factor	<b>71.5</b>
Duty	<b>Continuous</b>	Insulation Class	<b>F</b>
Design Code	<b>B</b>	KVA Code	<b>K</b>
Drive End Bearing Size	<b>6309</b>	Opp Drive End Bearing Size	<b>6206</b>
UL	<b>Recognized</b>	CSA	<b>Y</b>
CE	<b>Y</b>	IP Code	<b>43</b>
Number of Speeds	<b>1</b>		

### Technical Specifications

Electrical Type	<b>Squirrel Cage Inverter Rated</b>	Starting Method	<b>Line Or Inverter</b>
Poles	<b>4</b>	Rotation	<b>Reversible</b>
Resistance Main	<b>2.7431 Ohms</b>	Mounting	<b>Rigid Base</b>
Motor Orientation	<b>Horizontal</b>	Drive End Bearing	<b>Ball</b>
Opp Drive End Bearing	<b>Ball</b>	Frame Material	<b>Rolled Steel</b>
Shaft Type	<b>T</b>	Assembly/Box Mounting	<b>F1/F2 CAPABLE</b>
Inverter Load	<b>CONSTANT 4:1</b>		
Outline Drawing	<b>038140-1115</b>	Connection Drawing	<b>EE7308TP</b>

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038140



- NOTES:
1. NAMEPLATE TO BE READ FROM C'BOX SIDE OF MOTOR.
  2. BOX CAN BE MOUNTED IN 90° STEPS.
  3. BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180° (EXCEPT AS NOTED.)
  4. BASE IS REMOVABLE.
  5. PROVISIONS ONLY FOR DRIP COVER.

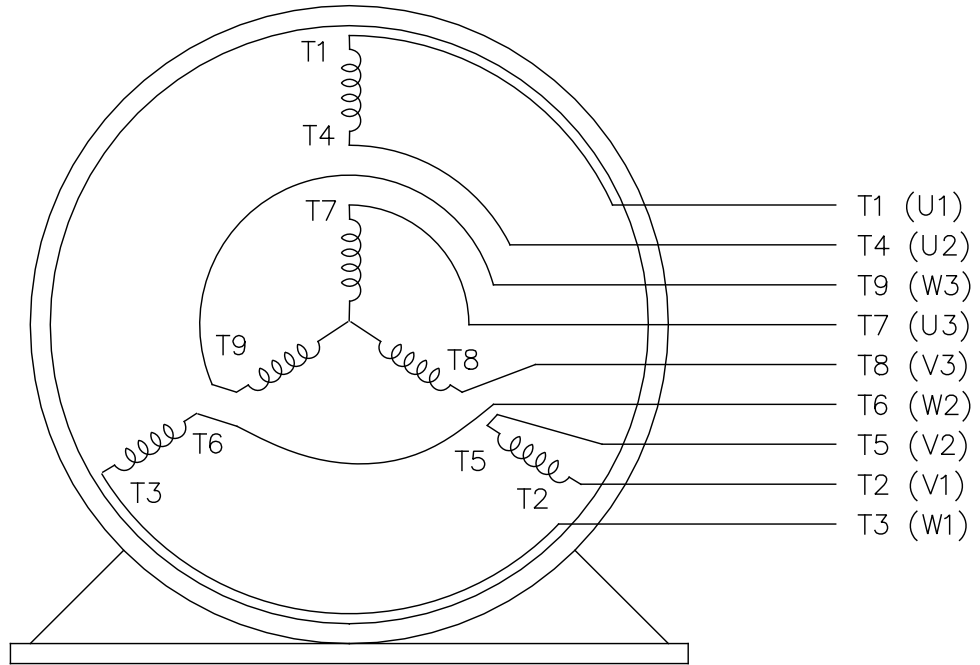
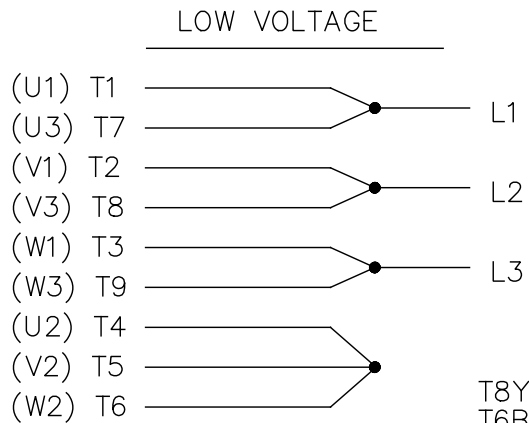
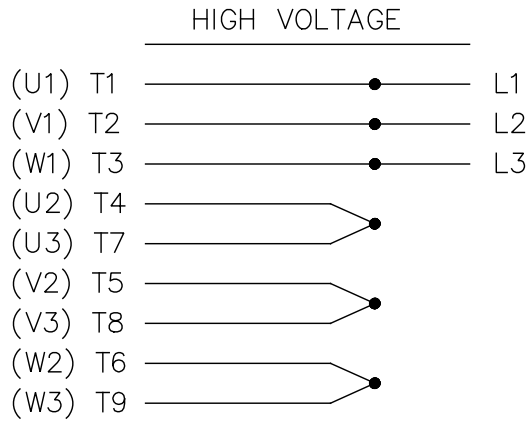
DASH	FR.	C	AG	BS	MOUNTING
965	213T	19.47	16.35	5.43	TPR3R12TFC213TCFT
1115	213/15T	20.97	17.85	6.93	
1240	213/15T	22.22	19.10	8.18	F1 ONLY

		TOLERANCES UNLESS SPECIFIED		DRAWN AS 02/27/17	
		DEC.	INCHES	CHK GR 02/27/17	
		.X	$\pm .1$	APPD GR 02/27/17	
		.XX	$\pm .03$	SCALE 1=5	
		.XXX	$\pm .005$	REF SS88652	
A	NEW DRAWING	AS	02/27/17	GR	.XXXX $\pm .0005$
NO.	REVISION	BY & DATE	CHK	ANG	$\pm 7'30''$
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TITLE OUTLINE - TEFC  
210T FR. - BB - TS - R/S - C'FACE

THREE PHASE  
DUAL VOLTAGE MOTOR



VIEW OF TERMINAL END

REF.  
WINDING DIAGRAM

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

OPTIONAL CORD  
CONNECTION

L1 WHITE  
L2 RED  
L3 BLACK

DRAWING REVISION	REVISION BY	DATE
ECO	APPROVED BY	DATE
ECO DESCRIPTION NEW DRAWING		
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TOLERANCES UNLESS OTHERWISE SPECIFIED			
DEC.	mm	INCH	ANGLE
.X	±2.5	±0.11	±0.5°
.XX	±0.51	±0.021	
.XXX	±0.127	±0.0051	
.XXXX	±0.0127	±0.00051	
REMOVE BURRS & BREAK SHARP EDGES .08/.38 [003/.015] X 45°			
CORNER FILLETS R.51 [02]			
MACHINED SURFACES INCH $\sqrt[125]{mm}$ $\sqrt[3.2]{}$			
INCH SHOWN IN [BRACKETS]			

DRAWN BY: AS	DATE: 02/20/2017
APPROVED BY: ST	DATE: 02/20/2017
REFERENCE EE7308	THIRD ANGLE PROJECTION

<b>Trans-Power</b>	
DESCRIPTION CONNECTION DIAGRA 3 PHASE - UAL VOLTAGE	
MATERIAL	PROCESS/FINISH
SIZE DWG NO A EE7308TP	SHEET 1