

PRODUCT INFORMATION PACKET



Model No: TPR3R12TFC213TC

Catalog No: TPR3R12TFC213TC

TPR3R12TFC213TC..3/2HP..1140RPM.213TC.TEFC.208-230/460//190/380V.3PH.60/50HZ.CONT.40C.1.15SF.ROUND

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Nameplate Specifications

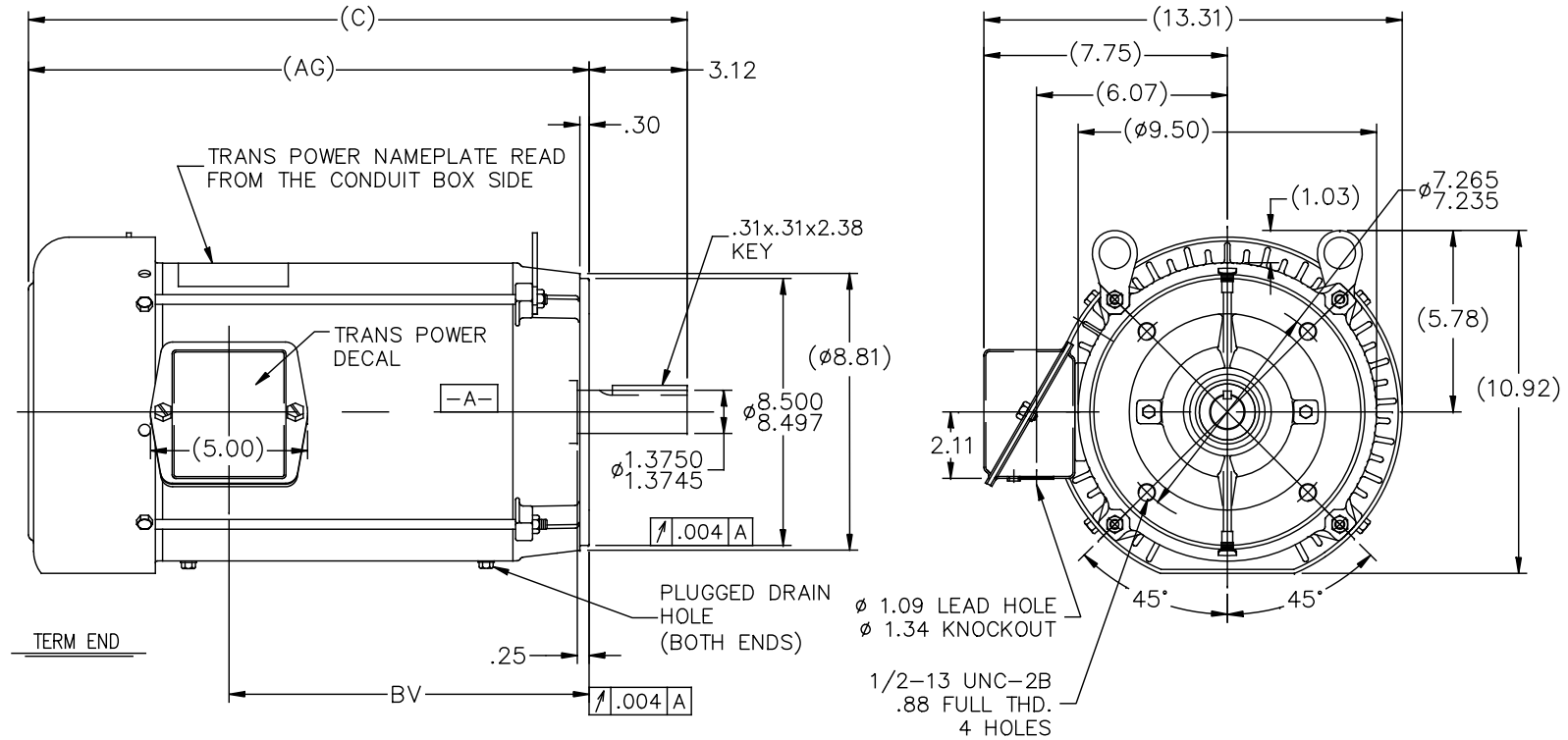
Phase	3	Output HP	3 & 2 Hp
Output KW	2.2 & 1.5 kW	Voltage	230/460 & 190/380 V
Speed	1175 & 980 rpm	Service Factor	1.15 & 1.15
Frame	213TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	89.5 & 88.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	8.8/4.4 & 7.8/3.9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

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	2.7431 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Assembly/Box Mounting	F1/F2 CAPABLE
Inverter Load	CONSTANT 4:1		
Outline Drawing	038139-965	Connection Drawing	EE7308TP

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038139



NOTES:

1. NAMEPLATE TO BE READ FROM C'BOX SIDE OF MOTOR.
2. BOX CAN BE MOUNTED IN 90° STEPS.

DASH	FR.	C	AG	BV	MOUNTING
965	213T	19.46	16.34	9.96	TPR3R12TFC213TC
1115	213/15T	20.96	17.84	11.46	
1240	213/15T	22.21	19.09	12.71	

		TOLERANCES UNLESS SPECIFIED							
		DEC.	INCHES						
		.X	±.1						
		.XX	±.03						
		.XXX	±.005						
A	NEW DRAWING	AS	02/27/17	GR	.XXXX	±.0005			
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"				
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	CAD FILE	038139	
						DIST	LB		
						SIZE	A	DRAWING NO.	038139
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Trans-Power

TITLE OUTLINE
210T FR. -BB -TS -TEFC -R/S -C' FACE

DRAWN AS 02/27/17

CHK GR 02/27/17

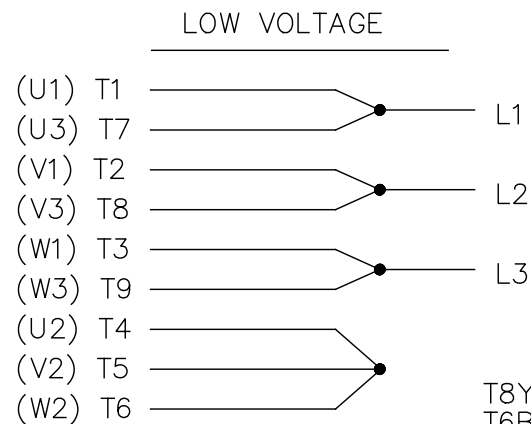
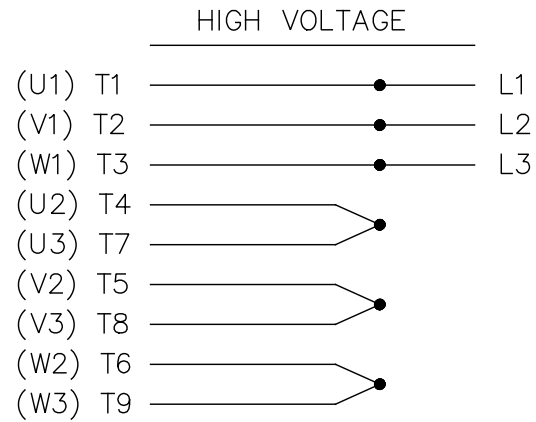
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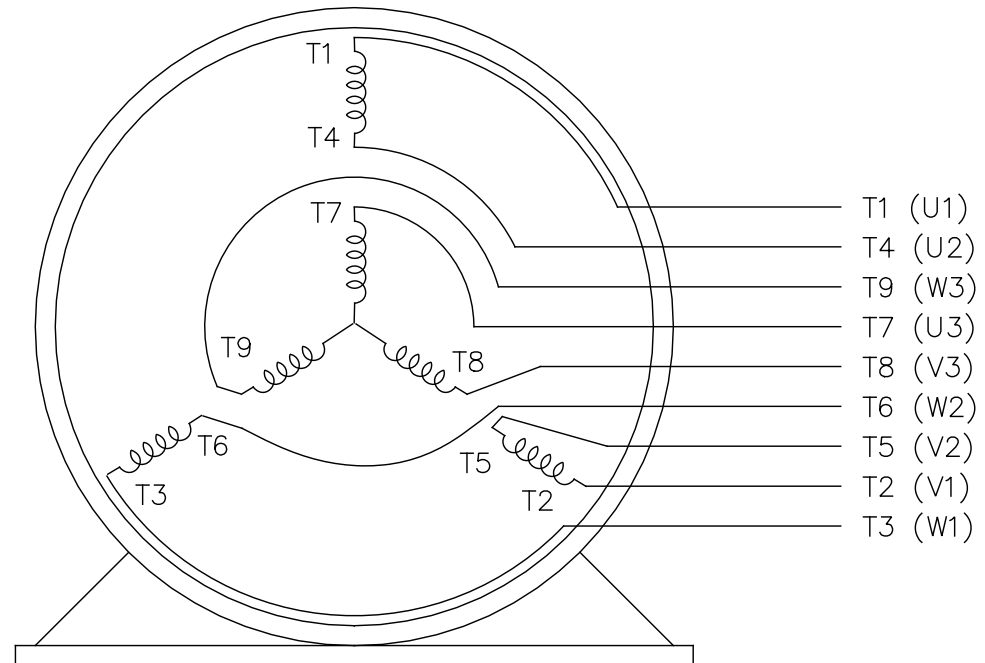
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FMF

PREV



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	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	SIZE DWG NO		SHEET
			INCH 125 mm 3.2	THIRD ANGLE PROJECTION	A		1
			INCH SHOWN IN [BRACKETS]		EE7308TP		