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.RIGID.....

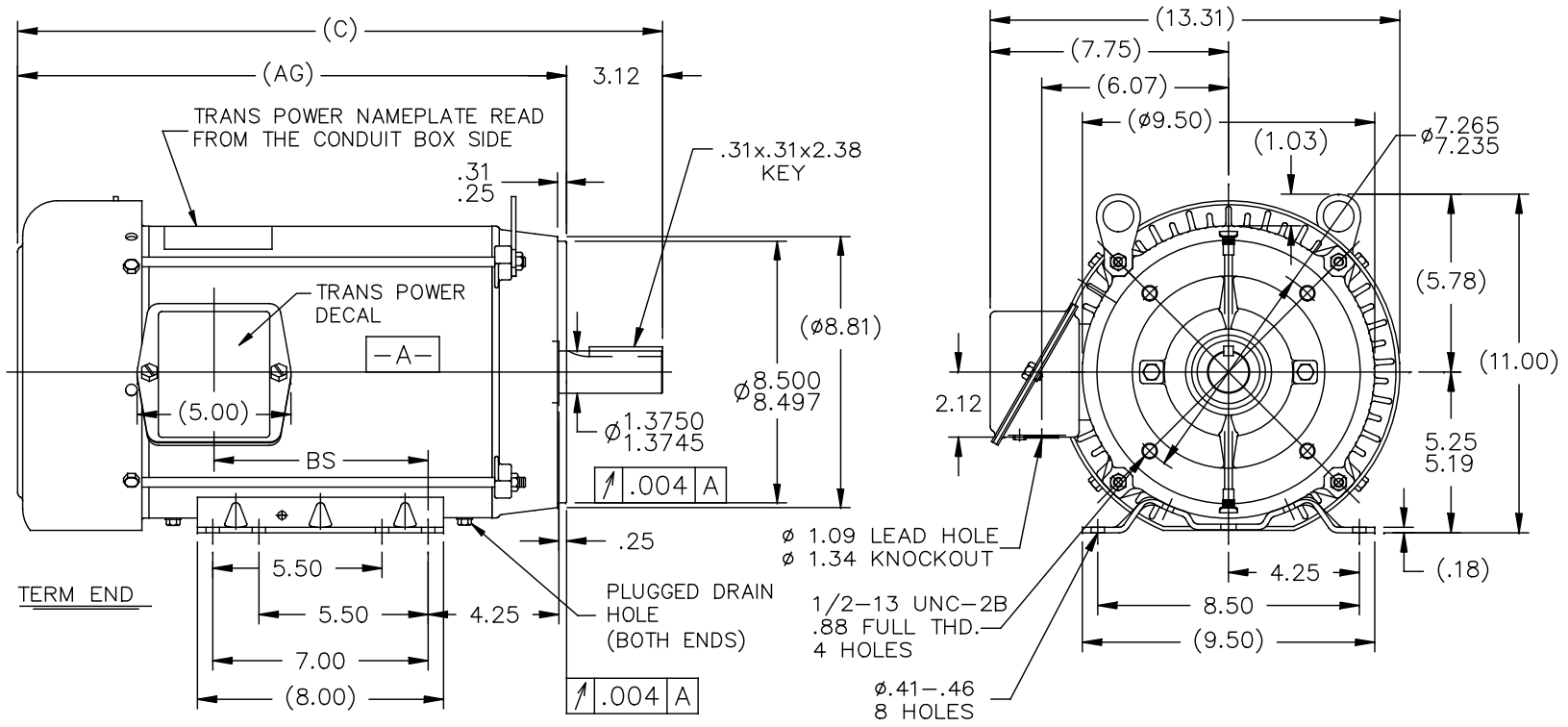
Nameplate Specifications

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	Rigid Base
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	038140-1115	Connection Drawing	EE7308TP

038140



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

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.

NO.	REVISION	BY & DATE	CHK
A	NEW DRAWING	AS 02/27/17	GR

TOLERANCES UNLESS SPECIFIED

DEC.	INCHES
.X	±.1
.XX	±.03
.XXX	±.005
.XXXX	±.0005
ANG	±7'30"

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

MAT'L.
FINISH
CAD FILE 038140
RFP
DIST LB

DRAWN	AS 02/27/17
CHK	GR 02/27/17
APPD	GR 02/27/17
SCALE	1=5
REF	SS88652
FMF	
PREV	

SIZE A | DRAWING NO. 038140 | PAGE OF | REV. A

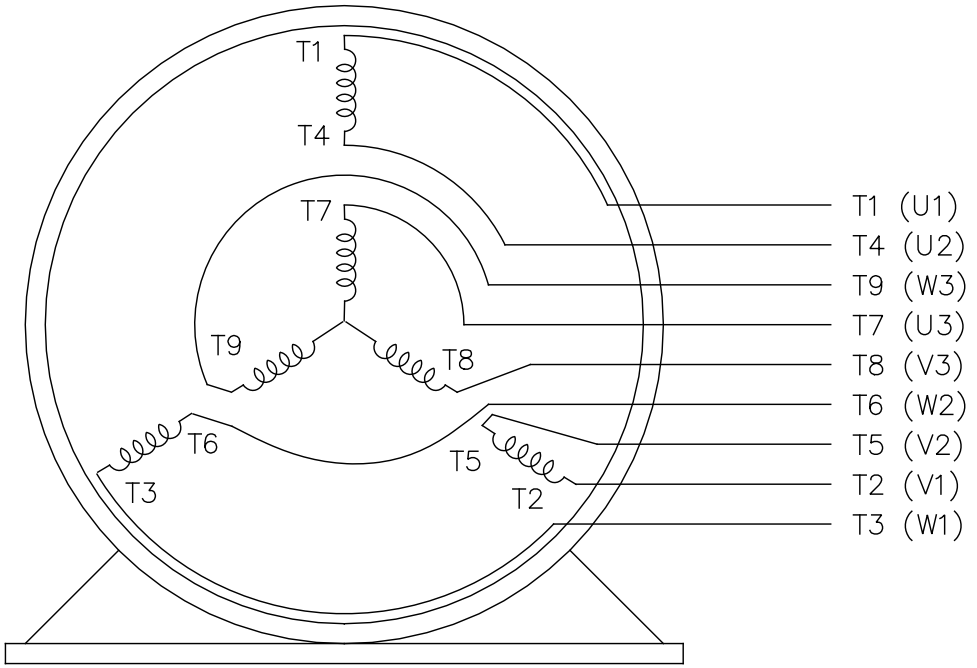
HIGH VOLTAGE

(U1) T1 — L1
(V1) T2 — L2
(W1) T3 — L3
(U2) T4
(U3) T7
(V2) T5
(V3) T8
(W2) T6
(W3) T9

LOW VOLTAGE

(U1) T1
(U3) T7 — L1
(V1) T2
(V3) T8 — L2
(W1) T3
(W3) T9 — L3
(U2) T4
(V2) T5
(W2) T6

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		

TOLERANCES UNLESS OTHERWISE SPECIFIED

DEC.	mm	INCH	ANGLE
.X	±2.5	[±0.1]	±0.5°
.XX	±0.51	[±0.02]	
.XXX	±0.127	[±0.005]	
.XXXX	±0.0127	[±0.0005]	

REMOVE BURRS & BREAK SHARP EDGES .08/.38 [.003/.015] X 45°
CORNER FILLETS R.51 [.02]
MACHINED SURFACES INCH 125 / mm 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	

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DESCRIPTION: CONNECTION DIAGRA
3 PHASE – UAL VOLTAGE

MATERIAL	PROCESS/FINISH

SIZE	DWG NO	SHEET
A	EE7308TP	1