

# PRODUCT INFORMATION PACKET



Model No: 141154.00

Catalog No: 141154.00

..7.5/7.5HP..1765/1460RPM.215TCZ.TEFC.230/460//190/380V.3PH.60//50HZ.CONT.40C.1.25/1.25SF.....

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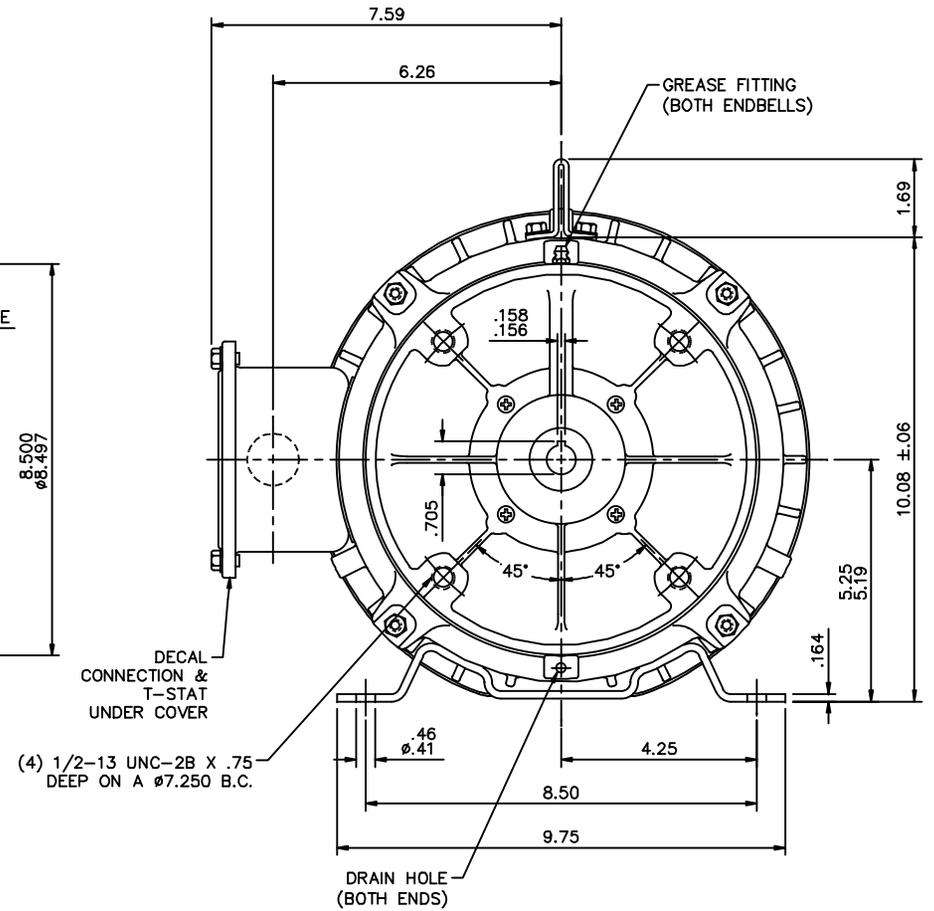
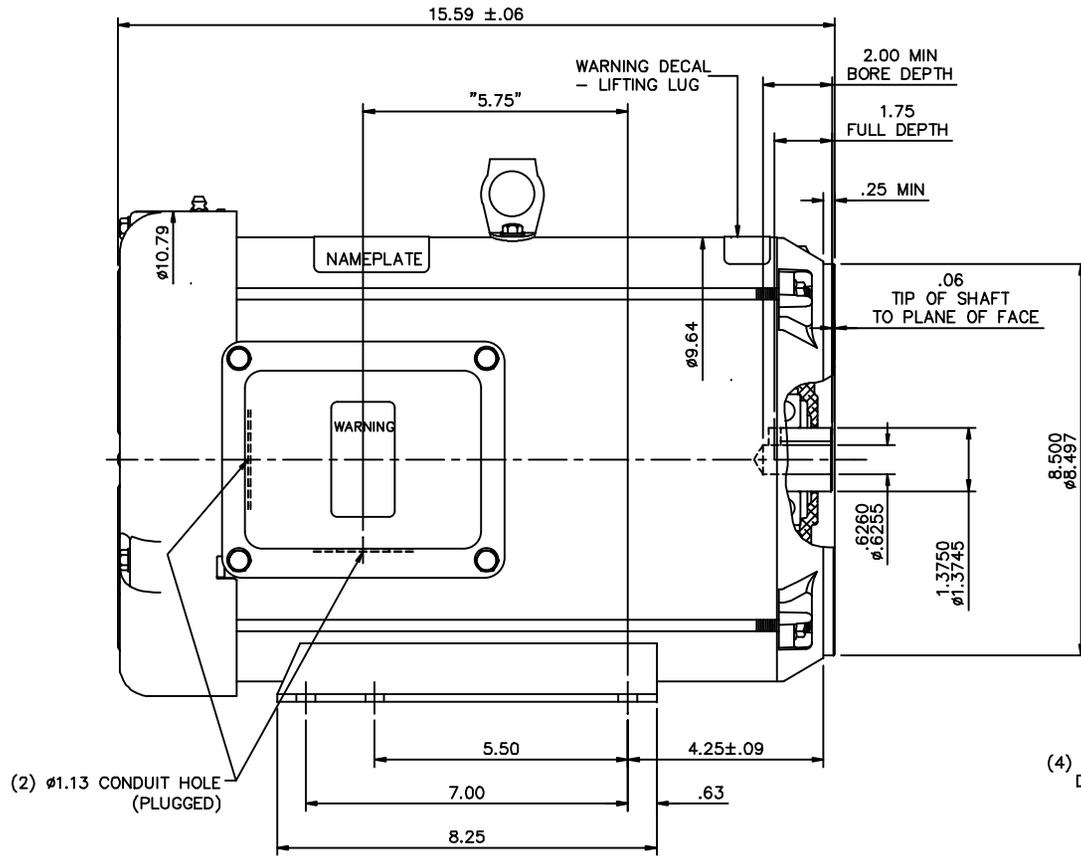
### Nameplate Specifications

Phase	<b>3</b>	Output HP	<b>7.50 &amp; 7.50 Hp</b>
Output KW	<b>5.6 &amp; 5.6 kW</b>	Voltage	<b>230/460 &amp; 190/380 V</b>
Speed	<b>1765 &amp; 1460 rpm</b>	Service Factor	<b>1.25 &amp; 1.25</b>
Frame	<b>215TCZ</b>	Enclosure	<b>Totally Enclosed Fan Cooled</b>
Thermal Protection	<b>Thermostat</b>	Efficiency	<b>91.7 %</b>
Ambient Temperature	<b>40 °C</b>	Frequency	<b>60 &amp; 50 Hz</b>
Current	<b>21.6/10.8 &amp; 24.8/12.4 A</b>	Power Factor	<b>72</b>
Duty	<b>Continuous</b>	Insulation Class	<b>F</b>
Design Code	<b>B</b>	KVA Code	<b>J</b>
Drive End Bearing Size	<b>6207</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 Induction Run</b>	Starting Method	<b>Across The Line</b>
Poles	<b>4</b>	Rotation	<b>Reversible</b>
Resistance Main	<b>.88 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>Single Special Extension</b>	Assembly/Box Mounting	<b>F1 ONLY</b>
Outline Drawing	<b>OL141154</b>	Connection Drawing	<b>005010.20</b>

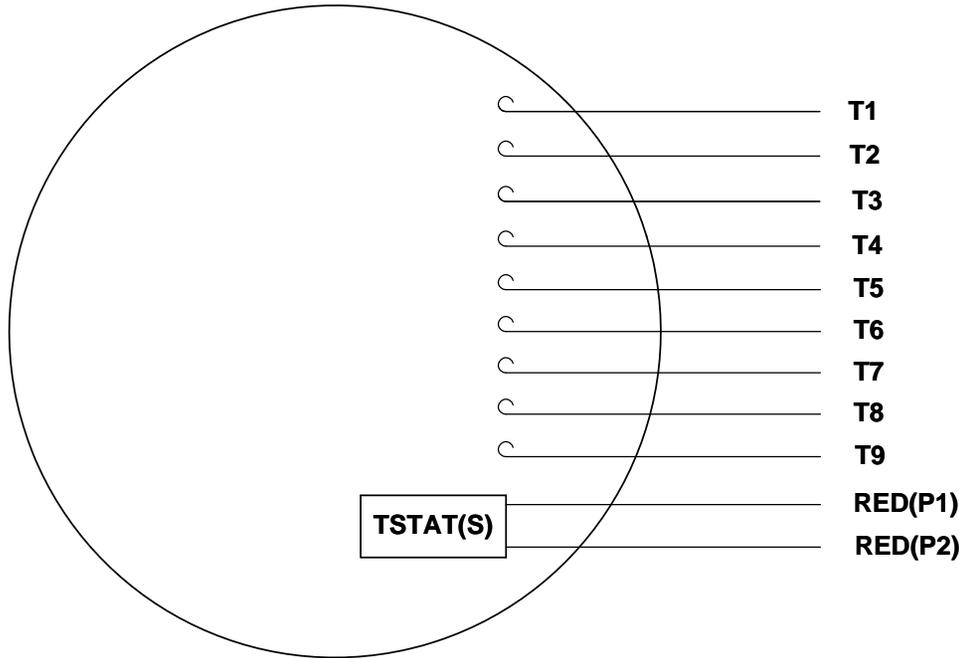
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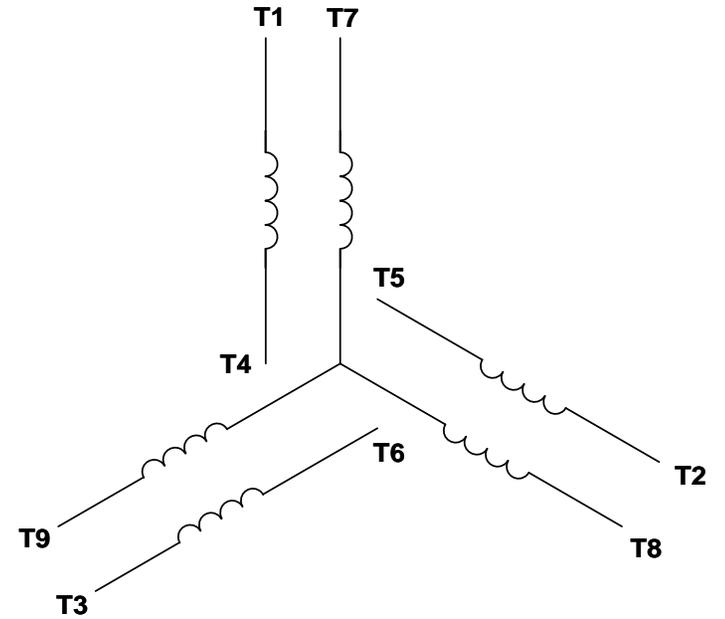
GASKETS THROUGHOUT  
 MAXIMUM FACE RUNOUT TO BE .004 T.I.R.  
 ALIGN BASE TO C-FACE MOUNTING HOLES WITHIN ±1/16"

		TOLERANCES UNLESS SPECIFIED		TITLE	DRAWN JD 08/27/2012
		DEC.	INCHES		
		.X	±.1	ELECTRIC MOTORS GEARMOTORS AND DRIVES	APPD
		.XX	±.03		SCALE 3-B
		.XXX	±.005		REF 037624
01	TOLERANCE MODIFIED PER ECN # 26018	UD	10/12/12	JD	PREV 141154.00
NO.	REVISION	BY & DATE	CHK	ANG	FINISH
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				DIST	OL141154
				SIZE	DRAWING NO.
				B	OL141154
				REV.	01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END. Uncontrolled Copy



LINE LEADS



VOLTAGE	L1	L2	L3	JOIN & INSULATE
HIGH	T1	T2	T3	(T4,T7) (T5,T8) (T6,T9)
LOW	T1,T7	T2,T8	T3,T9	T4,T5,T6

DRAWING REVISION G REVISION BY MVG DATE 04/05/2017

ECO ECO-0121253 APPROVED BY SM DATE 04/05/2017

ECO DESCRIPTION  
ADDED P1 & P2 FOR TSTAT

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TOLERANCES UNLESS OTHERWISE SPECIFIED:

DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±0.5°
.XX	±0.01	[±0.25]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	

REMOVE BURRS & BREAK SHARP  
EDGES: .003/.015 [.076/.381] X 45°  
CORNER FILLETS: R.02 [.51]  
MACHINED SURFACES: 125/3.2  
INCH/mm  
mm SHOWN IN [BRACKETS]

DRAWN BY DBT 12/16/97

DATE

APPROVED BY KH 12/17/97

DATE

REFERENCE

THIRD ANGLE PROJECTION

**REGAL**™ Regal Beloit America, Inc.

DESCRIPTION  
**CONN DIAGRAM-EXTERNAL**  
3 PHASE WITH PROTECTOR

MATERIAL DECAL - 004014 (TSTAT) - 080582 PROCESS/FINISH STOCK

SIZE A DRAWING NUMBER 00501020 SHEET 1 OF 1