

PRODUCT INFORMATION PACKET

Model No: 132180.00

Catalog No: 132180.00

..5HP..1650RPM.184.TEFC./V.3PH.60HZ.CONT.40C.1.0SF.C FACE.C184T17FC45B.....NOT.....

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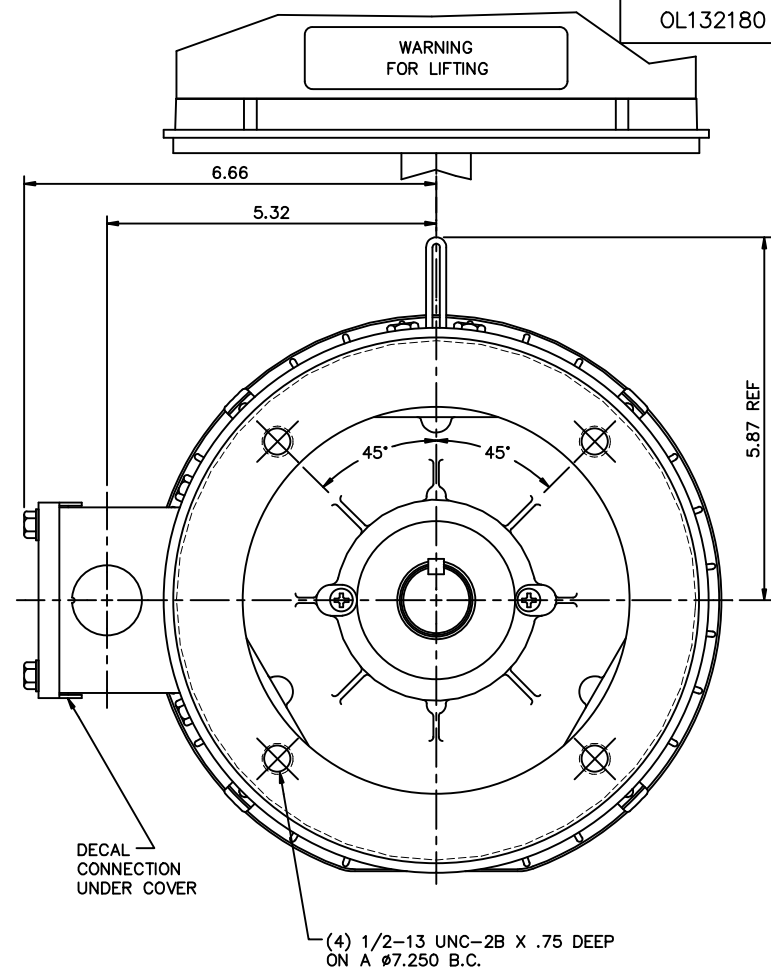
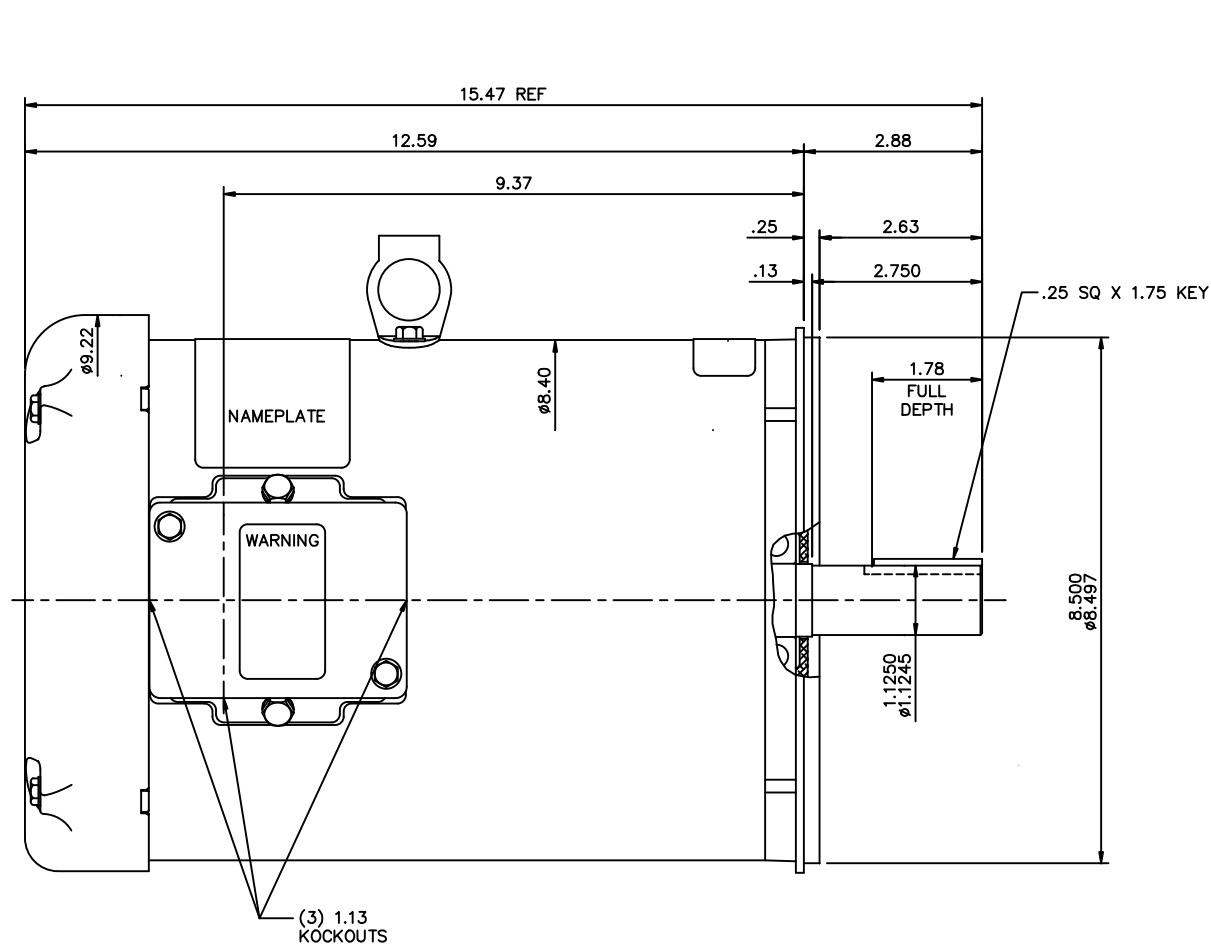
Nameplate Specifications

Output HP	5 Hp	Output KW	3.7 kW
Frequency	60 Hz	Voltage	460 V
Current	6.6 A	Speed	1650 rpm
Service Factor	1	Phase	3
Duty	Continuous	Insulation Class	F
Design Code	D	KVA Code	H
Frame	184TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6206	Opp Drive End Bearing Size	6205
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	3.04 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Shaft Diameter	1.125 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	OL132180	Connection Drawing	005102.01

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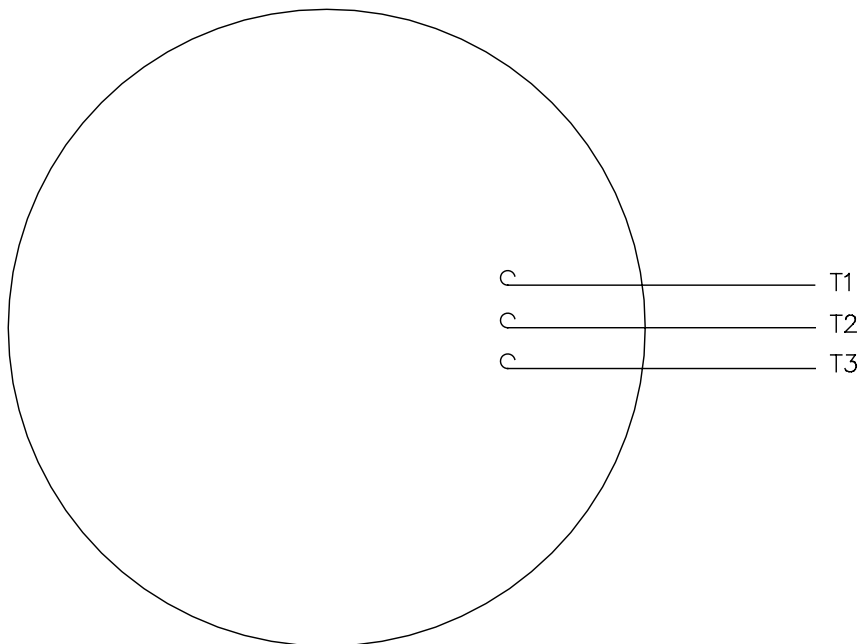


GASKETS THROUGHOUT
 MAXIMUM FACE RUNOUT TO BE .004 T.I.R.
 MAXIMUM PILOT ECCENTRICITY TO BE .004 T.I.R.
 PERMISSIBLE SHAFT RUNOUT TO BE .002 T.I.R.

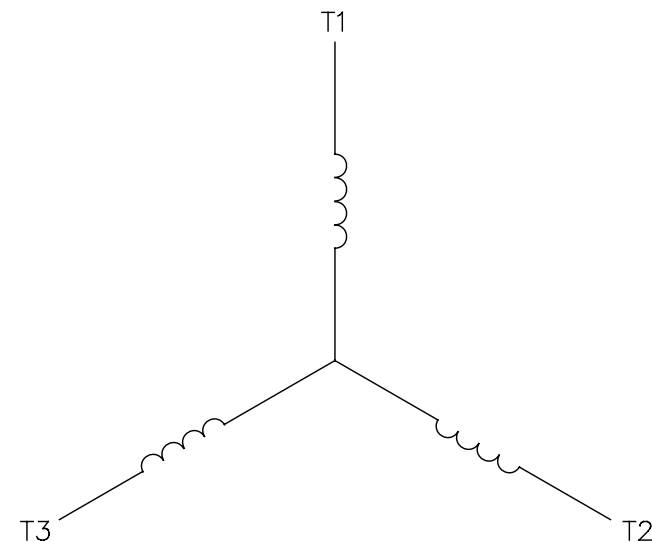
			TOLERANCES UNLESS SPECIFIED		TITLE	ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN RVD 08/30/2008 CHK VV 08/30/2008 APPD RVD 08/30/2008
			DEC.	INCHES			
			.X	±.1			
			.XX	±.03			
02	ADDED CONNECTION DECAL ISAAC 10-3301	GWS 8/3/10	.XXX	±.005		OUTLINE- 180TC FRAME T.E.F.C. - "C" FACE	SCALE 1=2 REF OL131492
01	UPDATED PER MT2 CONVERSION ISAAC 10-0609	LST 2/5/10	.XXXX	±.0005	MAT'L		FMF
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH	PHASE ELECTRIC
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	OL132180
						DIST	NLV
						SIZE	B
						DRAWING NO.	OL132180
						REV.	02

005102-01


VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS

CONNECT LEADS AS FOLLOWS
FOR FOUR CONDUCTOR CORD ()

CORD	L1 (RED)	L2 (WHITE)	L3 (BLACK)	(GREEN)
MOTOR	T1	T2	T3	GROUND

				TOLERANCES UNLESS SPECIFIED		 Regal Beloit America, Inc.			DRAWN	JRW 9/11/75	
				DEC.	INCHES				CHK		
				.X	±.1				APPD	JCW 9/11/75	
08	UPDATED TO REGAL LOGO	SAJ 06/26/15	AJY	.XX	±.01	TITLE EXTERNAL WIRING DIAGRAM TYPE "T" W/O PROTECTOR			SCALE	1=1	
07	UPDATED TO CURRENT STANDARDS	DBT 5/30/97		.XXX	±.005				REF	W-T6343-6	
06	REDRAWN ON CAD; ADDED DECAL NUMBER	SAW 1/24/95		.XXXX	±.0005	MAT'L. DECAL - 004169			FMF	6T17FB7	
NO.	REVISION	BY & DATE	CHK	ANG	±1/2*	FINISH			PREV		
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			DIST	BRF-NLV				A	005102-01		08

EC Declaration of Conformity

The undersigned representing
the manufacturer:

Regal Beloit America
100 East Randolph St.
Wausau, WI 54401

and the authorized representative
established within the Community:

Marathon Electric UK
6F Thistleton Road Ind. Estate
Market Overton
Oakham, Rutland LE15 7PP UK

are committed to providing customers with products that comply with applicable regulations and international protocols to which they are subject, including the requirements of the European Parliament Directive on the Harmonization of the laws relating to electrical equipment designed for use within certain voltage limits (2014/35/EU).

Regal Beloit America declares that the following product(s), to which this declaration relates, are in conformity with the relevant sections of the EC standards listed below.

This statement supersedes any statements previously issued pertaining to the product(s) listed below and is subject to change without notice.

Model No : 132180.00

(Model No. may contain prefix and/or suffix characters)

Catalog No : 132180.00

Rework No : N/A

Directives :

Low Voltage Directive 2014/35/EU

Harmonized Standards Used :

EN 60034-1: 2010 (IEC 60034-1: 2010)

EN 60034-5: 2001/A1:2007 (IEC 60034-5: 2000/A1:2006)

Authorized Representative:



Michael A. Logsdon
Vice President, Technology

Authorized Representative in the Community:



Julian Clark
Marketing Engineer

Created on 09/01/2022

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