

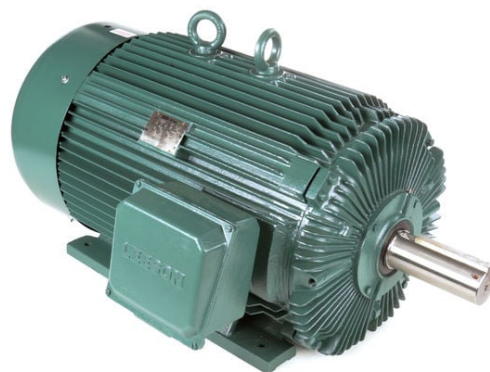
PRODUCT INFORMATION PACKET



Model No: 171665.00

Catalog No: 171665.00

General Purpose Motor, 200 HP, 3 Ph, 60 Hz, 575 V, 1200 RPM, 447/449T Frame, TEFC



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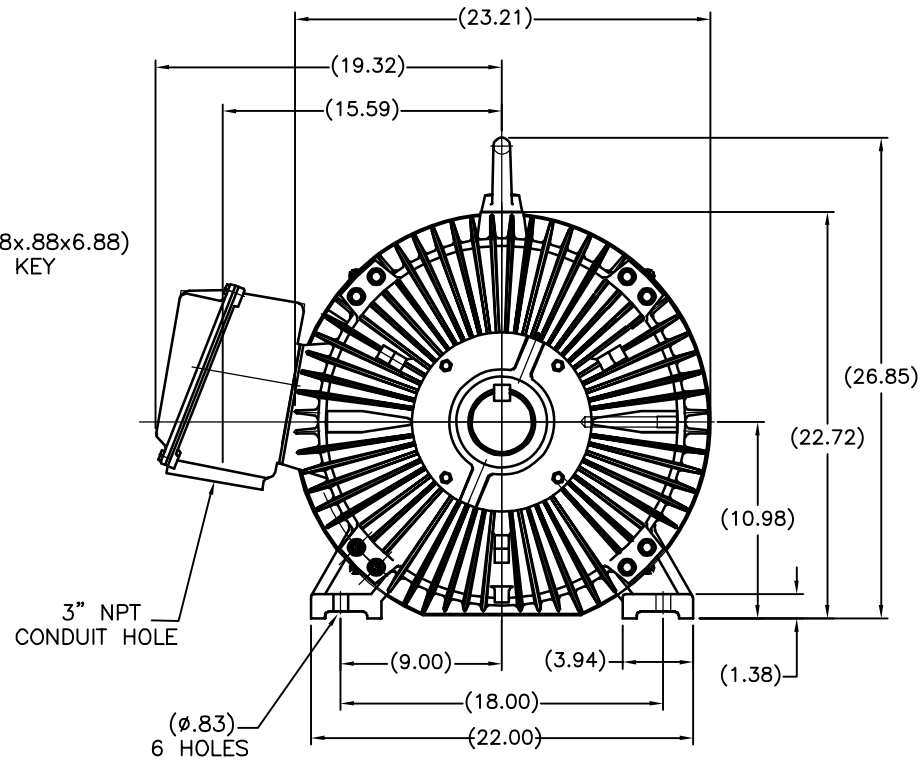
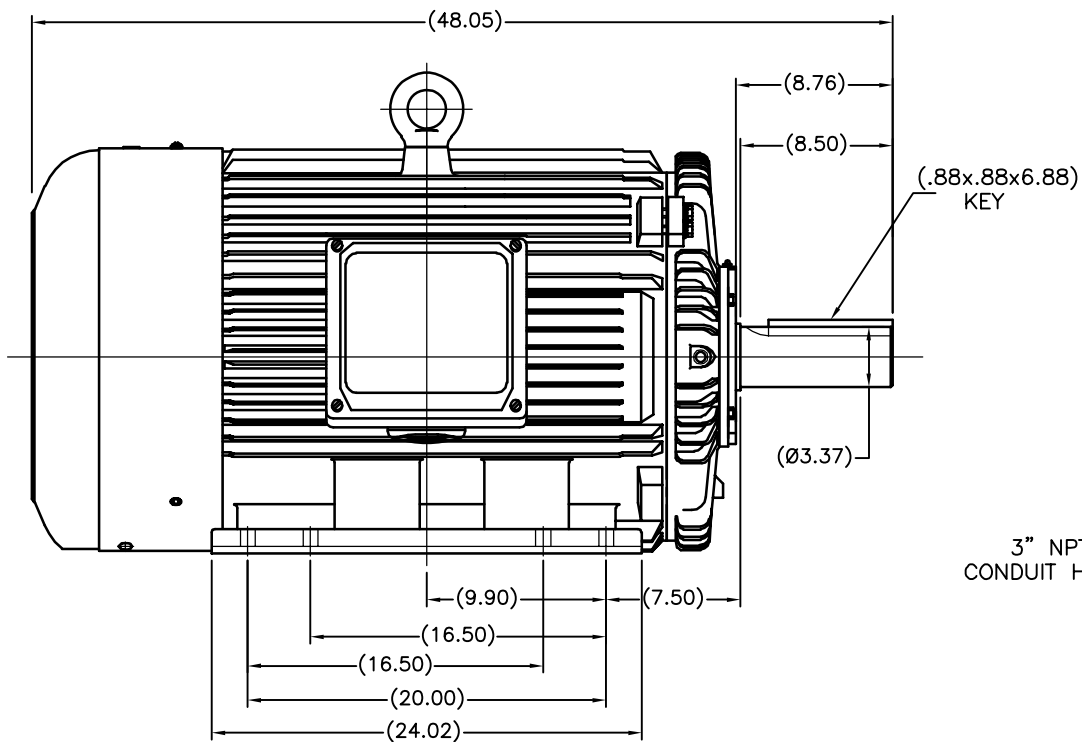
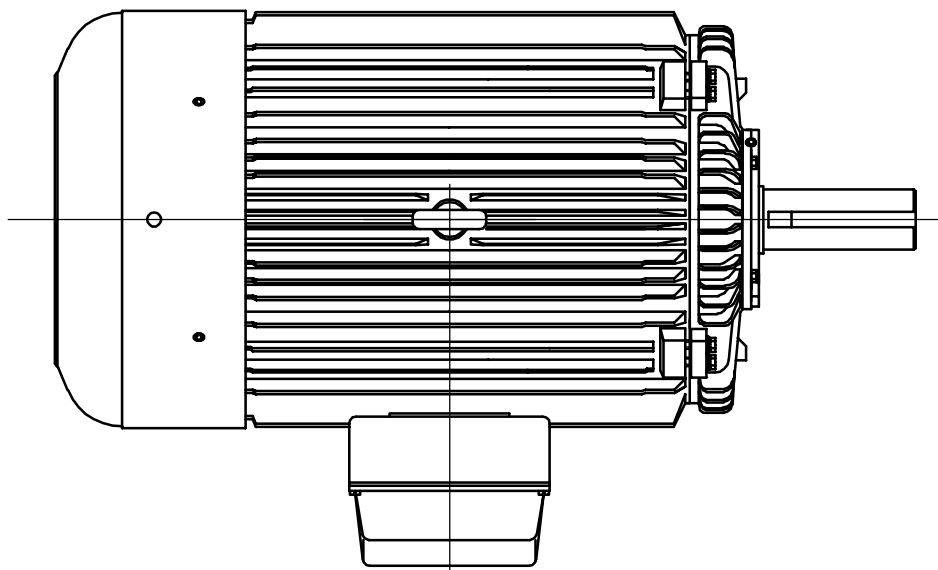
Nameplate Specifications


Output HP	200 Hp	Output KW	149.0 kW
Frequency	60 Hz	Voltage	575 V
Current	193.0 A	Speed	1193 rpm
Service Factor	1.15	Phase	3
Efficiency	96.2 %	Power Factor	80.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Frame	447/449T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6319	Opp Drive End Bearing Size	6317
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Hazardous Location	DIVISION 2	Number of Speeds	1

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Wye Start Delta Run
Poles	6	Rotation	Reversible
Resistance Main	.014 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Overall Length	48.05 in
Shaft Diameter	3.375 in	Shaft Extension	8.5 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Connection Drawing	005190.01	Outline Drawing	16983360

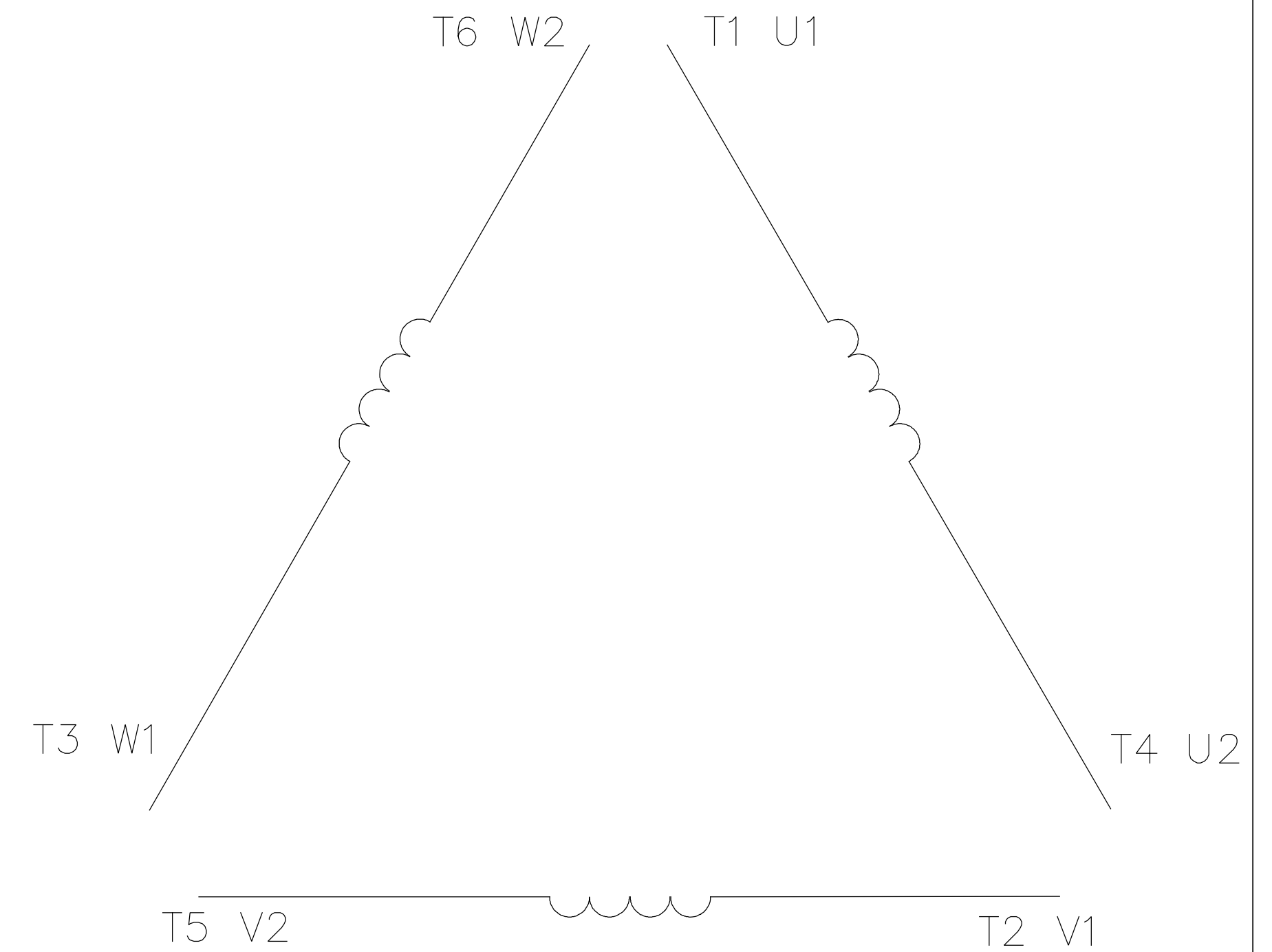
16983360



				TOLERANCES UNLESS SPECIFIED		 REGAL-BELOIT CORPORATION	DRAWN MOL 06-30-2011	
				DEC.	INCHES		CHK	MOL 06-30-2011
				.X	±.1		APPD	
				.XX	±.03	TITLE		SCALE 1=6
2	ADDED 'BS' DIM PER ECO-0048910	RFH 04/07/2014	EH	.XXX	±.005	OUTLINE-447T FR-TEFC-RIGID MEETS NEC/UL REQ CON-BOX VOL=9750		REF
1	ADDED TOP VIEW	MOL 11-26-2012		.XXXX	±.0005	MAT'L CAST IRON		FMF
NO.	REVISION	BY & DATE	CHK	ANG	±1/2'	FINISH		PREV
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 16983360		SIZE	DRAWING NO. PAGE 1 OF 1 REV.
			DIST				B	16983360 2



A diagram of a multi-ported device. It consists of a central vertical curved line. To the left of this line are six horizontal lines, each starting with a 'C' label. To the right of the central line are six horizontal lines, each starting with a 'T' label followed by a 'U' or 'V' label. The labels are: C, T1, U1, T2, V1, T3, W1, T4, U2, T5, V2, and T6, W2.



	L1	L2	L3	JOIN
START (WYE)	T1 U1	T2 V1	T3 U2	(T4,T5,T6) (U2,V2,W2)
RUN (DELTA)	(T1,T6) (U1,W2)	(T2,T4) (V1,U2)	(T3,T5) (W1,V2)	

				TOLERANCES UNLESS OTHERWISE SPECIFIED		<div>LEESON ELECTRIC CORPORATION</div>			
04	ADDED MAT'L (CWLE) PER ECO-0168542	DS	6/10/2019	DECIMALS					
03	ADDED IEC DESIGNATIONS	MOL	4/27/2012	.00	± .01	DRAWN PG 05/07/82	EXT. WIRING DIAGRAM STAR START – DELTA RUN		
02	REMOVED OBSOLETE STATUS	KJH	6/28/99	.000	± .005	CH'K'D. TEM			
01	REDRAWN ON CAD	DBT	05/30/97	.0000	± .0005	APPR. 05/07/82	Y-CONNECTED START (CWLE) DELTA CONNECTED RUN – SINGLE VOLTAGE		
NO.	REVISION	BY	DATE	FRACTIONS	± 1/64	SCALE 1=1			
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				ANGLES	± 1/2°	REF. T2E	FINISH	SIZE A	DRAWING NO. 005190-01
				INCH/MM		FMF ELECTRO POWER			

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 : 171665.00

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

Catalog No : 171665.00

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 09/02/2022

CE 22