

# PRODUCT INFORMATION PACKET



Model No: 171565.00

Catalog No: 171565.00

General Purpose Motor, 3 & 2 HP, 3 Ph, 60 & 50 Hz, 208-230/460 & 190/380 V, 1800 & 1500 RPM,  
182TC Frame, TEFC



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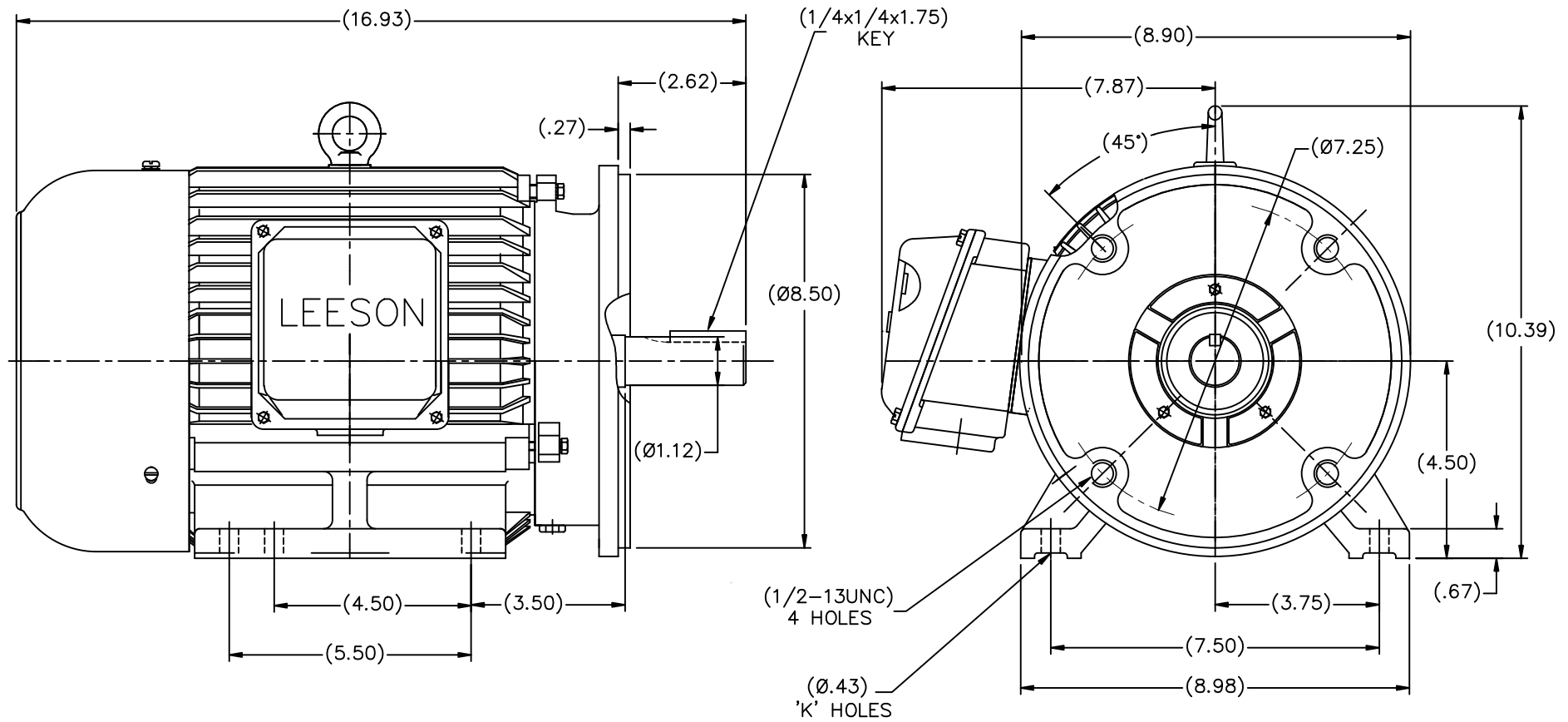
### Nameplate Specifications

Phase	3	Output HP	3 & 2 Hp
Output KW	2.2 & 1.5 kW	Voltage	208-230/460 & 190/380 V
Speed	1770 & 1465 rpm	Service Factor	1.15 & 1.15
Frame	182TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	90.2 & 91 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	8.3-8/4 & 6.6/3.3 A	Power Factor	79.2
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	J
Drive End Bearing Size	6206	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1	Hazardous Location	DIVISION 2

### Technical Specifications


Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Mounting	Rigid Base	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Cast Iron	Shaft Type	T
Overall Length	16.93 in	Shaft Diameter	1.125 in
Shaft Extension	2.62 in	Assembly/Box Mounting	F1/F2 CAPABLE
Connection Drawing	005010.01	Outline Drawing	SS622293

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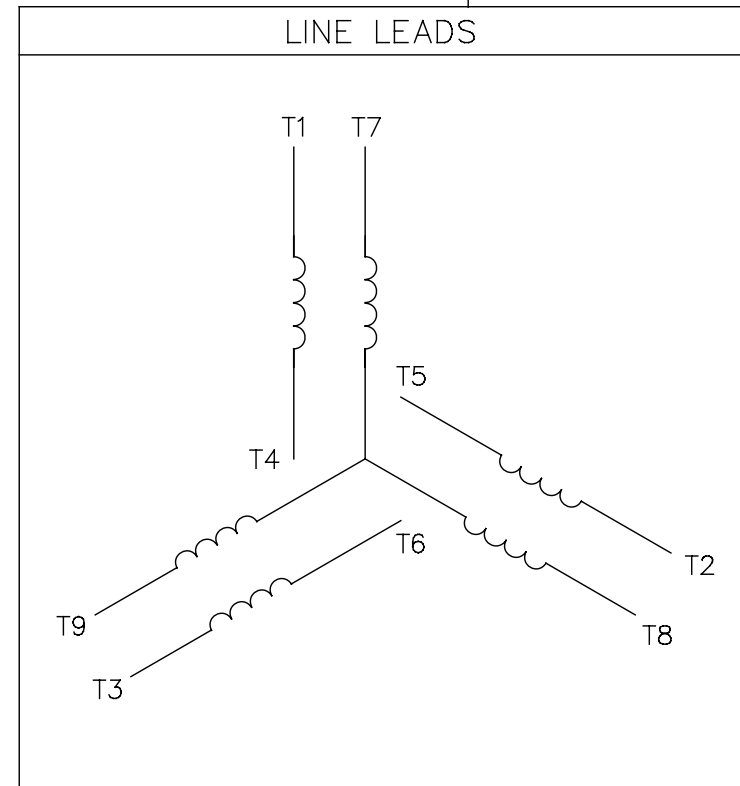
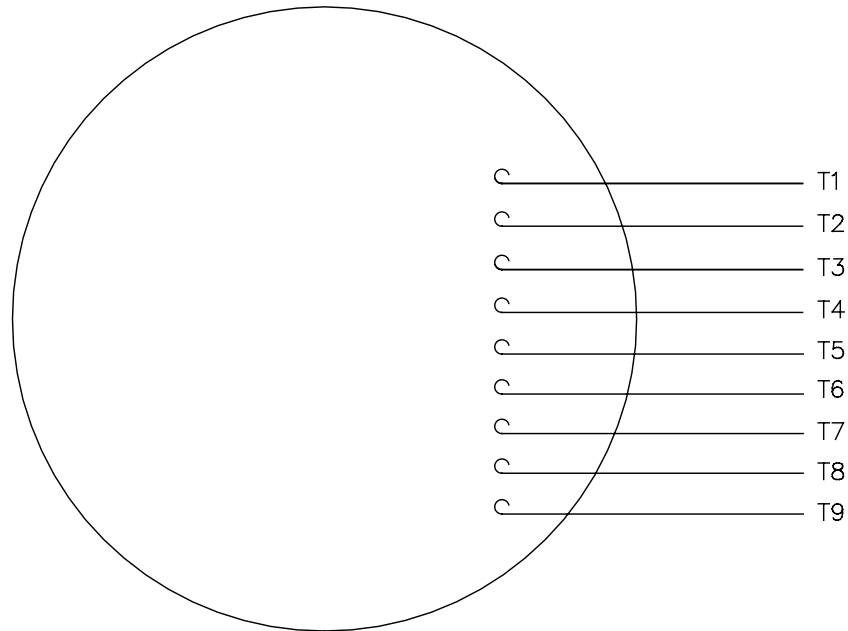
Cat. No.	FRAME
171564.60	N182TC-2W2
171446.60	N184TC-2W2
171565.60	N182TC-4W2
171566.60	N184TC-4W2

DRAWING NOT TO SCALE


					TOLERANCES UNLESS SPECIFIED				ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN MOL 03-11-2011		
					DEC. INCHES						CHK MOL 03-11-2011		
					.X ±.1						APPD SB 03-11-2011		
					.XX ±.03		TITLE		OUTLINE		SCALE 1=4		
					.XXX ±.005				N180TC FR-2-4W2- C'FACE - TEFC		REF		
					.XXXX ±.0005		MAT'L				FIMF		
NO.			REVISION		BY & DATE		CHK ANG ±7'30"		FINISH		PREV		
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							DIST				DRAWING NO. SS622293		
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											REV.		

005010-01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



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

				TOLERANCES UNLESS SPECIFIED		 <b>Regal Beloit America, Inc.</b>		DRAWN RDW 04/12/02		
				DEC.	INCHES			CHK		
				.X	±.1			APPD		
				.XX	±.01			SCALE 1=1		
				.XXX	±.005	TITLE EXTERNAL WIRING DIAGRAM 3 PHASE W/O PROTECTOR		REF FIG.2-51		
A	UPDATED TO REGAL LOGO	SAJ 06/26/15	AJY	.XXXX	±.0005	MAT'L. DECAL - 004014		FMF		
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH		PREV		
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				DIST BRF-NLV				A	005010-01	A

## 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 : 171565.00

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

Catalog No : 171565.00

Rework No : N/A

Directives :

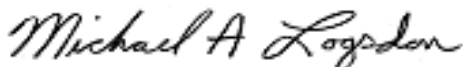
Low Voltage Directive 2014/35/EU

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

**CE 22**