

PRODUCT INFORMATION PACKET



Model No: 131512.00

Catalog No: 131512.00

5HP..3475RPM.NAN.DP.220/440V.3PH.60HZ.CONT.NOT.40C.1.15SF.C FACE..C184T34DZ1C

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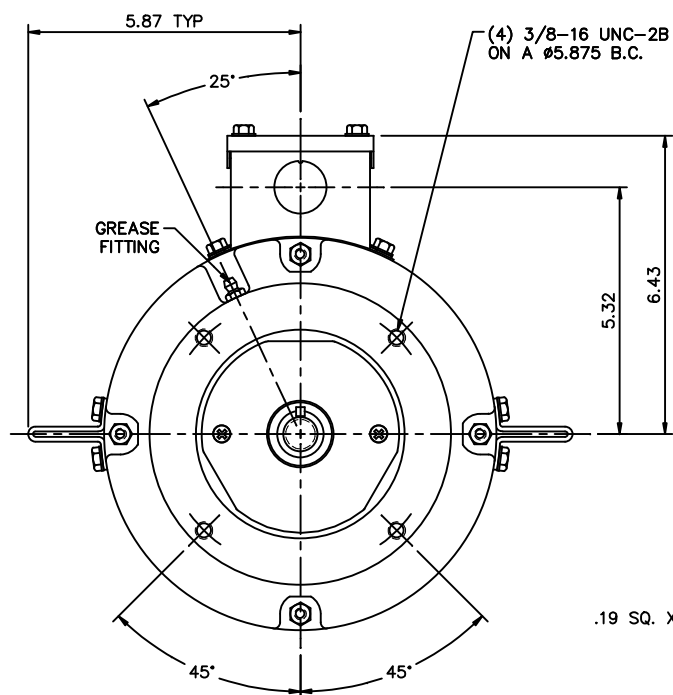
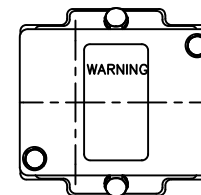
Nameplate Specifications

Output HP	5 Hp	Output KW	3.7 kW
Frequency	60 Hz	Voltage	208-220/440 V
Current	14.0-13.2/6.6 A	Speed	3475 rpm
Service Factor	1.15	Phase	3
Efficiency	84 %	Power Factor	88
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	J
Frame	184TCVZ	Enclosure	Drip Proof
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6207	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	Y	IP Code	12
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	0 Ohms	Mounting	Round
Motor Orientation	Horizontal Or Shaft Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Single Special Extension	Assembly/Box Mounting	F1/F2 CAPABLE
Connection Drawing	005010.01	Outline Drawing	OL131512

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1/2 HP
115V

23.53 REF

11.87

11.13

7.38

11.75

.12

.50

1.125

.88
FULL DEPTH

6.43

5.32

6.50

Ø4.500/4.497

Ø1.0000
.9995

Ø1.370
1.365

Ø8.40

NAMEPLATE

(3) Ø1.13 KNOCKOUTS

GREASE FITTING


30°

1.19 SQ. X .75 KEY

"CAST IRON" S.E. ENDBELL
"C" FACE W/56 FR. MOUNTING

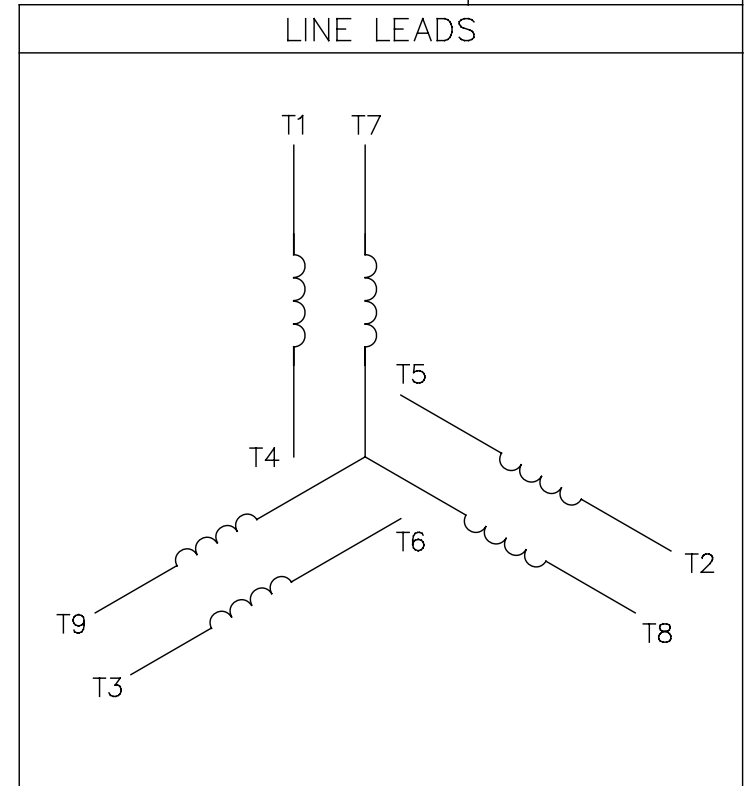
"CAST IRON"
L.E. ENDBELL

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


					TOLERANCES UNLESS SPECIFIED		ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN RSK 07/23/99	
					DEC. INCHES			CHK	APPD RK 07/27/99
04	REVISED PER ISAAC 10-0955	LST 4/19/10	.X	±.1					
03	UPDATED PER MT2 CONVERSION ISAAC 10-0673	LST 2/11/10	.XX	±.03	TITLE OUTLINE - KX184CZ FRAME			SCALE 3=8	
02	UPDATED L.E. ENDBELL TO MATCH CASTING CHANGE	RLW 7/1/03	.XXX	±.005	DRIP PROOF - "C" FACE W/56 FRAME MTG.			REF 035355	
01	REDUCED LENGTH BY 1" ECO 00-450	RDLW 04/08/00	DWF .XXXX	±.0005	MAT'L.			FIMF 131512	
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 AND NOT A SCANNED PAPER PRINT			RFP	CAD FILE OL131512	BZ	DRAWING NO. OL131512	REV		
			DISL NLV		S				

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		 Regal Beloit America, Inc.			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	
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH			PREV	
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			DIST BRF-NLV							

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 : 131512.00

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

Catalog No : 131512.00

Rework No : N/A

Directives :

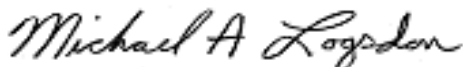
Low Voltage Directive 2014/35/EU

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