

PRODUCT INFORMATION PACKET



Model No: 131638.00
Catalog No: 131638.00
Special Voltage Motor, 5 HP, 1 Ph, 50 Hz, 220 V, 3000 RPM, 184T Frame, TEFC



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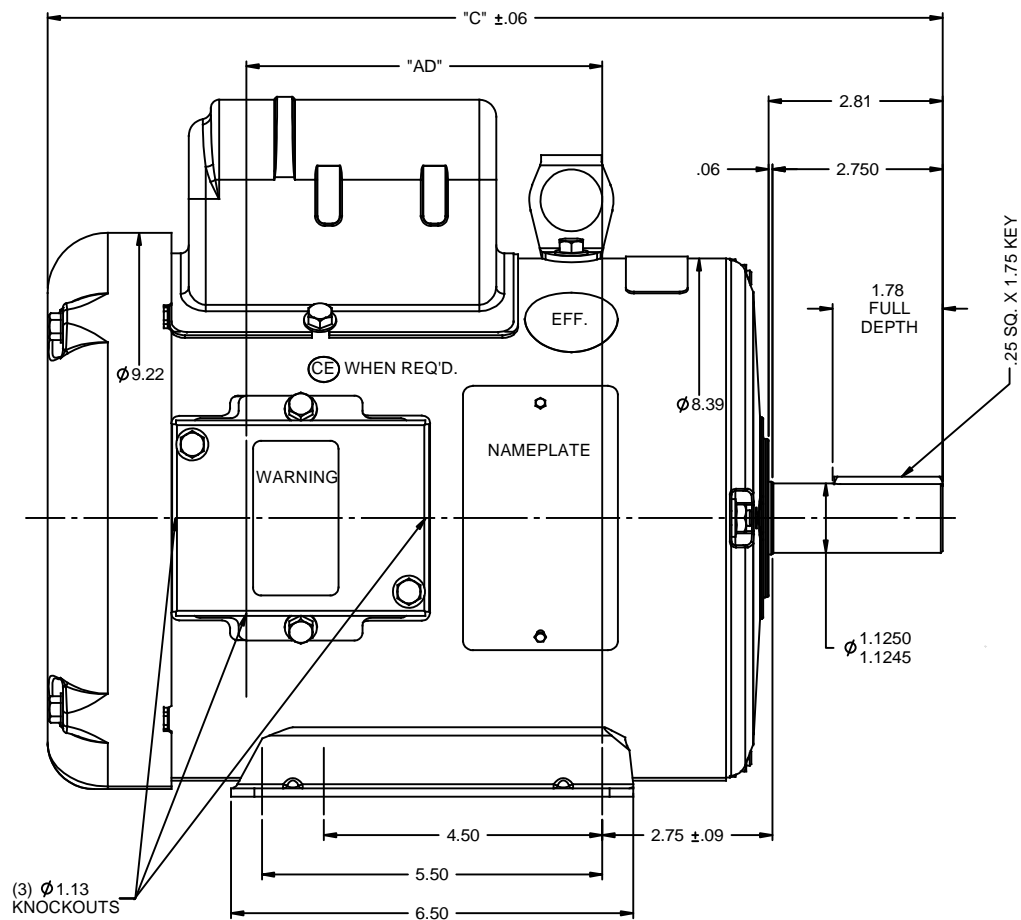
Nameplate Specifications

Output HP	5 Hp	Output KW	3.7 kW
Frequency	50 Hz	Voltage	220 V
Current	20.5 A	Speed	2875 rpm
Service Factor	1	Phase	1
Efficiency	81.5 %	Power Factor	98
Duty	Continuous	Insulation Class	F
Design Code	NO DESIGN CODE	KVA Code	G
Frame	184T	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		

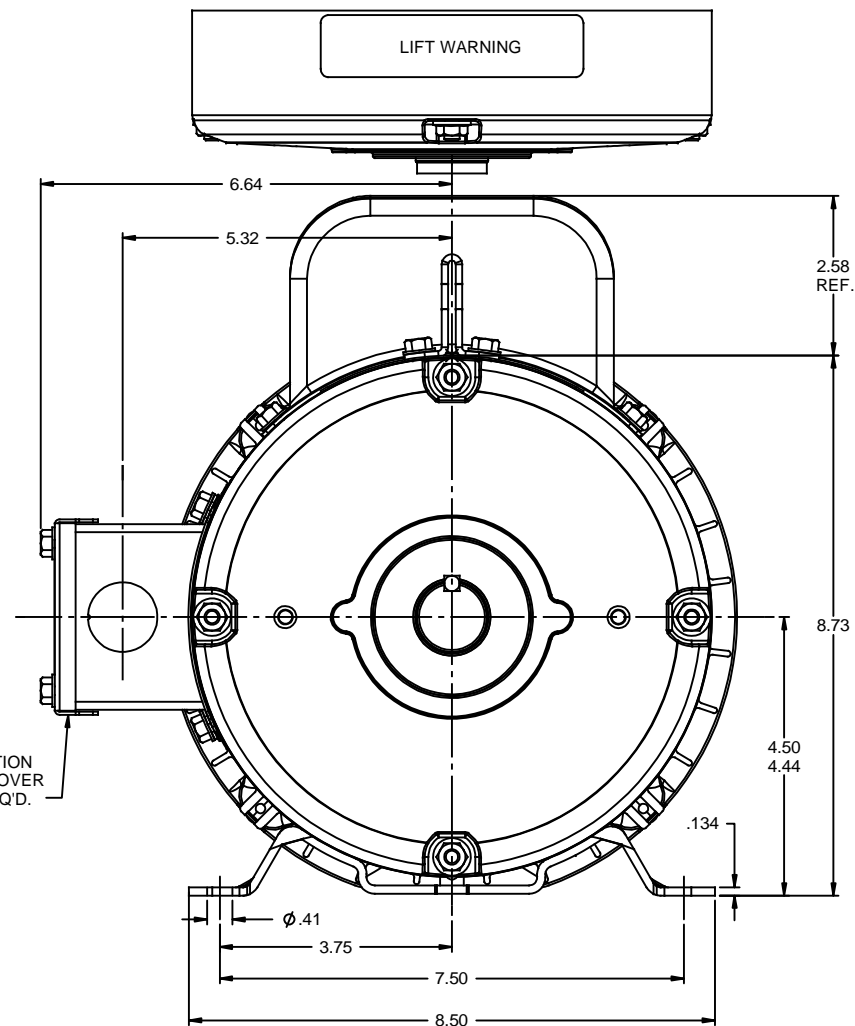
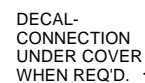
Technical Specifications

Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	2	Rotation	Selective Counterclockwise
Resistance Main	.3633 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Overall Length	17.46 in
Frame Length	12.00 in	Shaft Diameter	1.125 in
Shaft Extension	2.75 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	005413.01	Outline Drawing	035352-1200



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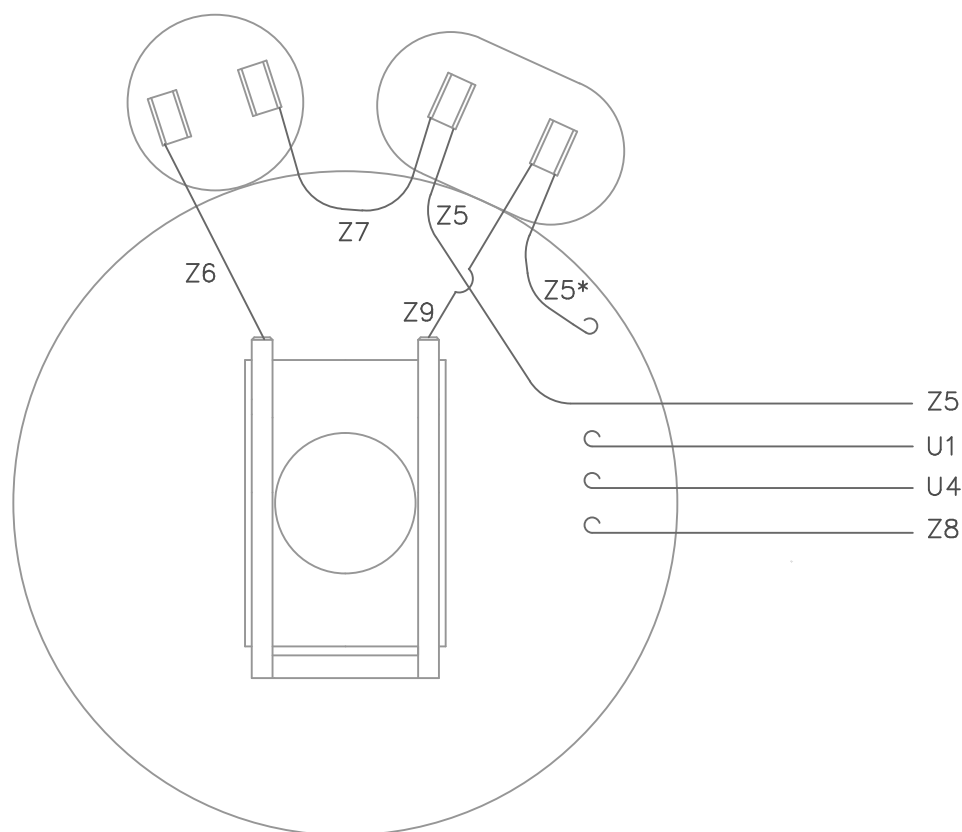
DASH NO.	"C"	"AD"
800	13.46	4.75
850	13.96	5.25
900	14.46	5.75
950	14.96	6.25
1000	15.46	6.75
1050	15.96	7.25
1100	16.46	7.75
1150	16.96	8.25
1200	17.46	8.75



GASKETS THROUGHOUT

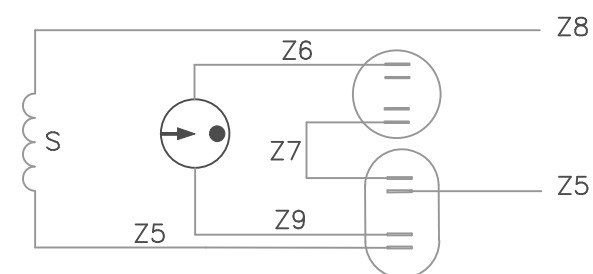
					TOLERANCES UNLESS SPECIFIED	 REGAL-BEILERT CORPORATION	DRAWN PG 6/20/97
					DEC INCHES		CHK RK 6/20/97
				X	±.1		APPR
				XX	±.03		SCALE 1:2
				XXX	±.005		REF
-	UPDATED & REDRAWN TO SOLIDWORKS		LST 12/15/2009	XX XXXX	±.0005		MATL
NO	REVISION		BY & DATE	CHK ANG	±1/2°	FINISH	PAGE OF
THIRD ANGLE PROJECTION 				RFP	PREV		SIZE B DRAWING NO 035352
			NETWORK FILE NAME				

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



* THIS LEAD MAY BE WHITE

LINE LEADS

ROTATION
FACING
LEAD END

L1

L2

C.C.W.

U1,Z8

U4,Z5

C.W.

U1,Z5

U4,Z8

TOLERANCES UNLESS
OTHERWISE SPECIFIED

DECIMALS

.00 ± .01

.000 ± .005

.0000 ± .0005

FRACTIONS ± 1/64

ANGLES ± 1/2°

INCH/MM

LEESON ELECTRIC CORPORATION

DRAWN DBT 07/21/97

CH'K'D.

APPR.

SCALE 1=1

REF. 005018-01

FMF

TITLE

EXTERNAL WIRING DIAGRAM
TYPE "K" W/O PROTECTOR

MAT'L.

DECAL - 80670

FINISH

I.E.C.

MARKINGS

SIZE

A

DRAWING NO.

005413-01

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LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 131638.00

Curve at

220

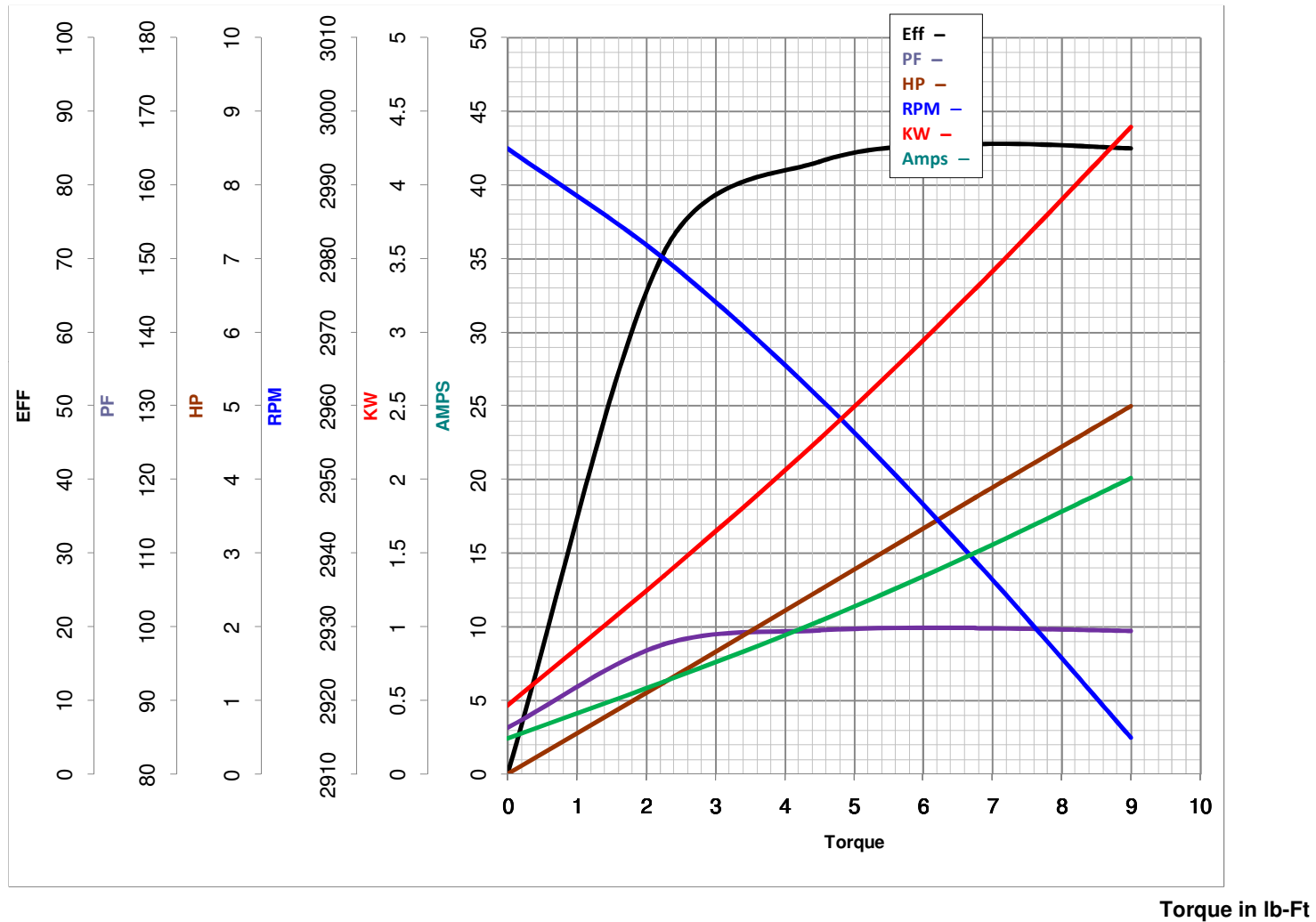
Volts

HP 5.00PHASE 150

HZ

VOLTS 2205

HP

HZ 50RPM 2875Catalog No 131638.00

FL TORQUE 9 lb-Ft
 BD TORQUE 20.5 lb-Ft
 LR TORQUE 22.9 lb-Ft

FL AMPS 20.5
 PU TORQUE 19.8 lb-Ft
 LR AMPS 135

WINDING K8226-4

Date 3/26/2018

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 : 131638.00

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

Catalog No : 131638.00

Rework No : N/A

Directives :

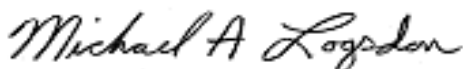
Low Voltage Directive 2014/35/EU

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