

# PRODUCT INFORMATION PACKET



Model No: 132428.00

Catalog No: 132428.00

General Purpose Motor, 1 HP, 3 Ph, 60 Hz, 230/460 V, 900 RPM, 182T Frame, TEFC



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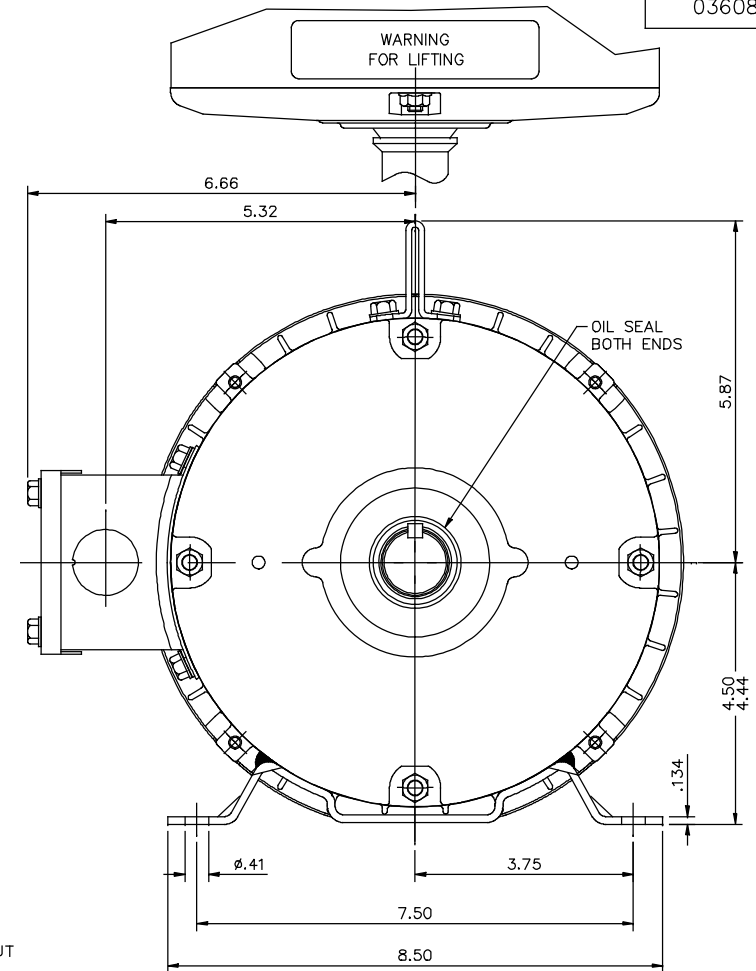
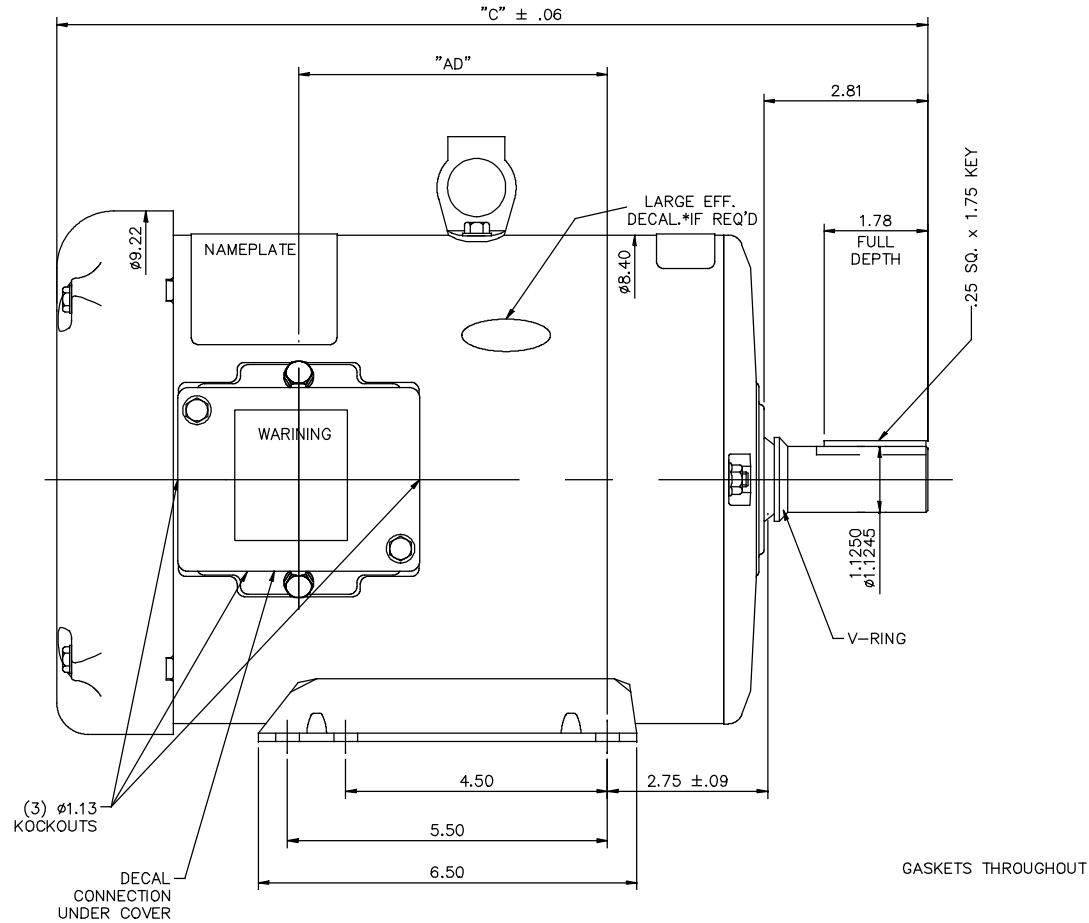
## Nameplate Specifications

Output HP	1 Hp	Output KW	0.75 kW
Frequency	60 Hz	Voltage	230/460 V
Current	4.2/2.1 A	Speed	855 rpm
Service Factor	1.15	Phase	3
Efficiency	75.5 %	Power Factor	57
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	H
Frame	182T	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	8	Rotation	Reversible
Mounting	Rigid Base	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	T
Overall Length	12.97 in	Frame Length	7.50 in
Shaft Diameter	1.125 in	Shaft Extension	2.81 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Connection Drawing	005010.01	Outline Drawing	036087-750

036087



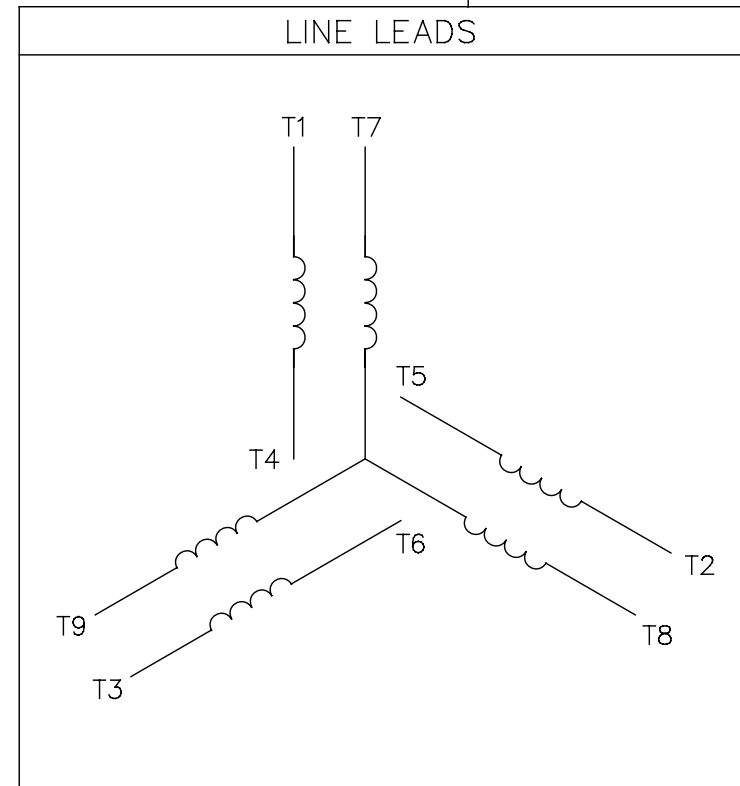
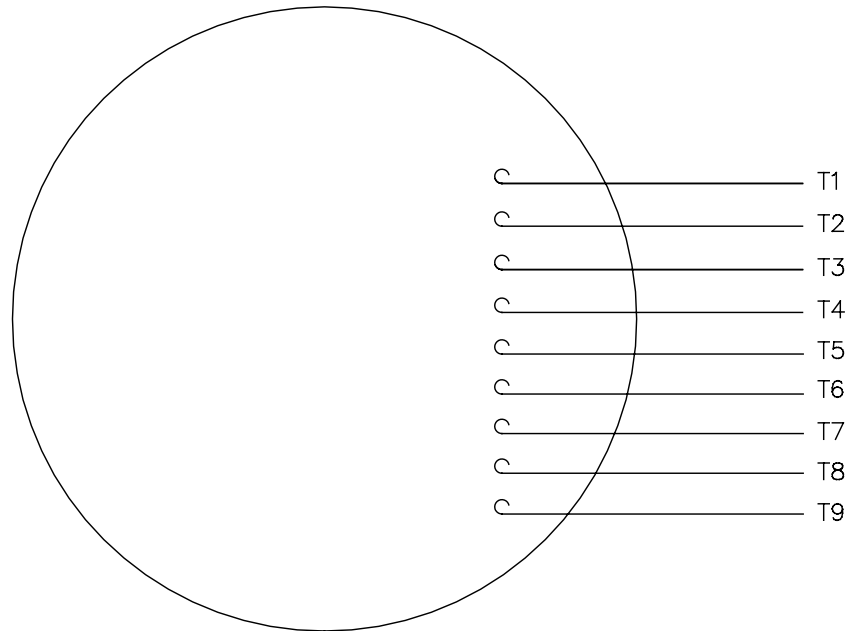
DASH NO.	"C"	"AD"
750	12.97	3.37
800	13.47	3.87
850	13.97	4.37
900	14.47	4.87
950	14.97	5.37
1000	15.47	5.87
1050	15.97	6.37
1100	16.47	6.87
1150	16.97	7.37

TOLERANCES UNLESS SPECIFIED		DEC. INCHES		MARATHON ELECTRIC		DRAWN JAH 11/5/2014	
.X		±.1		TITLE		CHK SR 05/14/2018	
.XX		±.03		OUTLINE- 180T FRAME		APPD	
.XXX		±.005		TEFC- RIGID		SCALE 1=2	
.XXXX		±.0005		MAT'L		REF OLME144291	
ANG		±1/2°		FINISH		FMF 182TFW16041	
RFP		CAD FILE		036087		PREV	
DIST		SIZE		DRAWING NO.		REV.	
		B		036087		B	


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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 : 132428.00

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

Catalog No : 132428.00

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**