

# PRODUCT INFORMATION PACKET



Model No: EXG131597.00

Catalog No: EXG131597.00

EXG131597.00..5.0/3.0HP..1750/1470RPM.184TC.TEFC.208-230/460//190/380V.3PH.60/50HZ.CONT.40C.1.15SF.  
ROUND.....

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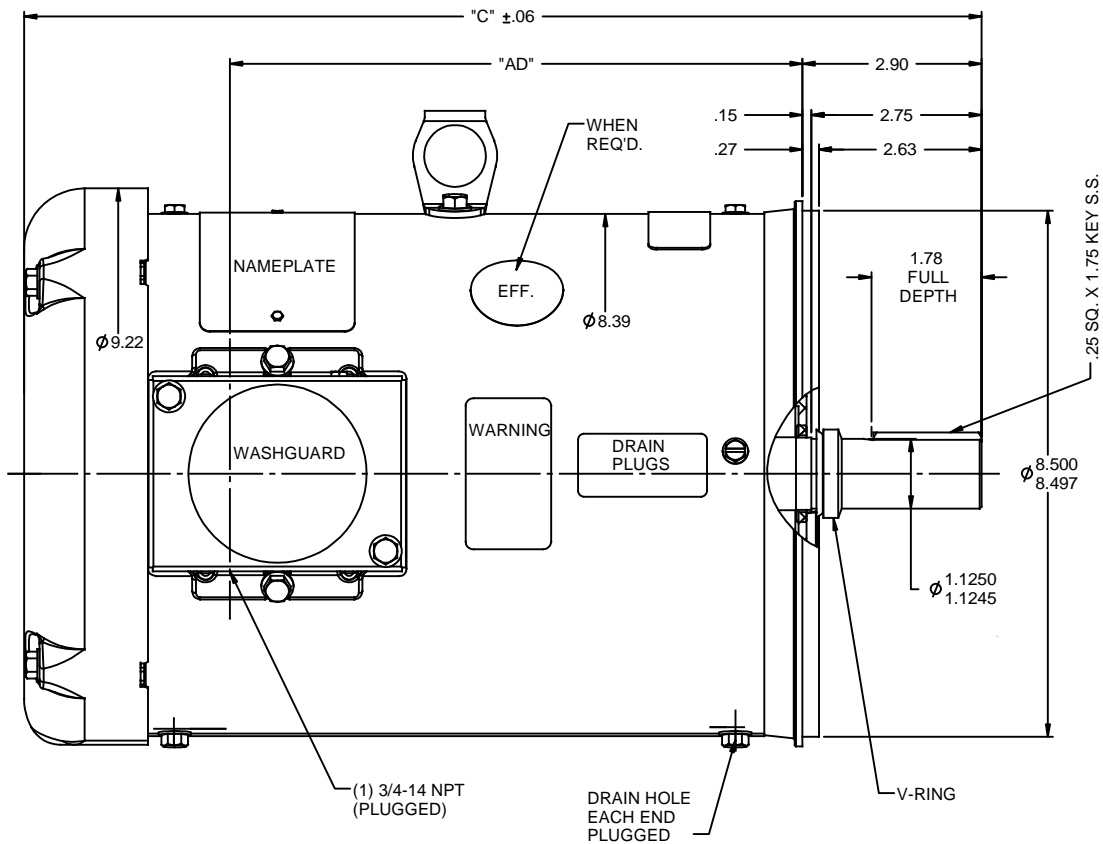
## Nameplate Specifications

Phase	3	Output HP	5 & 3 Hp
Output KW	3.7 & 2.2 kW	Voltage	208-230/460 & 190/380 V
Speed	1750 & 1470 rpm	Service Factor	1.15 & 1.15
Frame	184TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	87.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	14-13/6.5 & 10.6/5.3 A	Power Factor	82
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	J
Drive End Bearing Size	6207	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	Y	IP Code	55
Number of Speeds	1		

## Technical Specifications

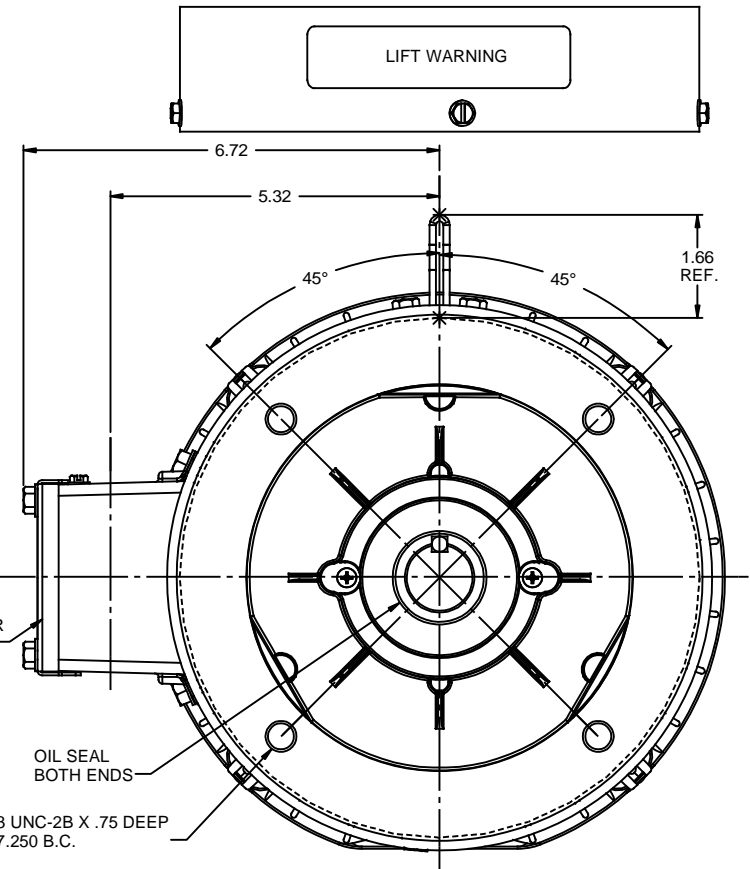
Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	3.08 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Assembly/Box Mounting	F1 ONLY
Outline Drawing	035461-900	Connection Drawing	005010.01

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DECAL-  
CONNECTION  
UNDER COVER  
WHEN REQ'D.

(4) 1/2-13 UNC-2B X .75 DEEP  
ON A Ø7.250 B.C.





**SPECIAL FEATURES:**

SHAFT SEAL & V-RING  
DRAIN HOLES IN FRAME & CONDUIT BOX  
STAINLESS STEEL SHAFT, HARDWARE & NAMEPLATE  
GASKETS THROUGHOUT

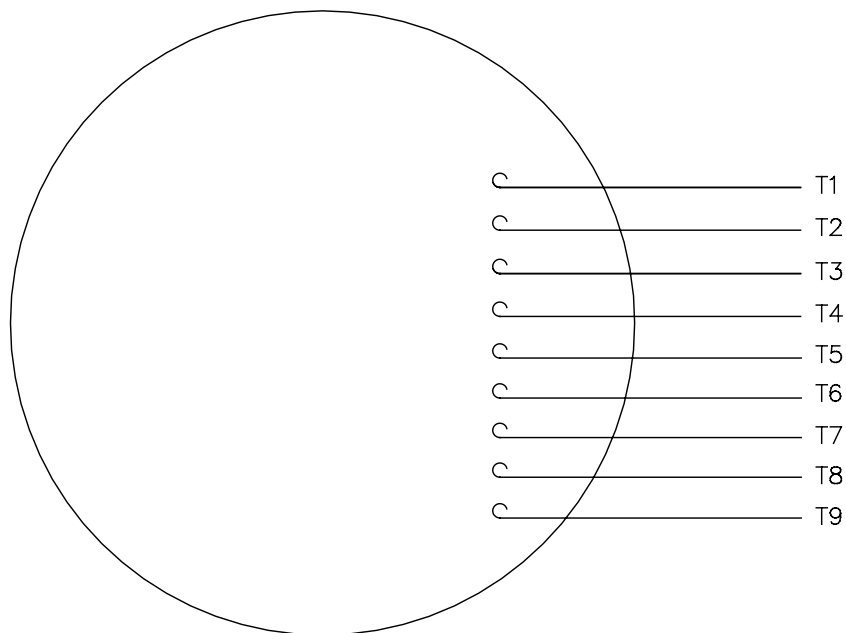
DASH NO.	"C"	"AD"
900	14.47	8.25
950	14.97	8.75
1000	15.47	9.25
1050	15.97	9.75
1100	16.47	10.25
1150	16.97	10.75

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

						TOLERANCES UNLESS SPECIFIED			REGAL-BELOIT CORPORATION	DRAWN RDW 2/19/03		
					DEC	INCHES				CHK		
					X	±.1				APPR SW 2/19/03		
					XX	±.03				SCALE 1:2		
					XXX	±.005				TITLE OUTLINE - 180TC FRAME		
03	UPDATE PER ISAAC 10-0580		LST 5/12/2010	XX	XXX	±.005		TEFC - "C" FACE			REF	
-	UPDATED & REDRAWN IN SOLIDWORKS		LST 11/17/2009	XX	XXXX	±.0005		MATL WASHGUARD			FMF	
NO	REVISION		BY & DATE	CHK	ANG	±1/2"		FINISH			PAGE OF	
<div>THIRD ANGLE PROJECTION</div> 				RFP	PREV					SIZE	DRAWING NO	REV
				NETWORK FILE NAME 035461					B	035461	03	

005010-01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



				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		
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	04/12/02		CAD FILE		00501001	SIZE	DRAWING NO.	REV
				DIST		BRF-NLV				A	005010-01	