

PRODUCT INFORMATION PACKET



Model No: EXG131968.00

Catalog No: EXG131968.00

EXG131968.00..5.0/3.0HP..3510/2920RPM.184JM.TEFC.208-230/460//190/380V.3PH.60/50HZ.CONT.40C.1.15SF.
RIGID.....

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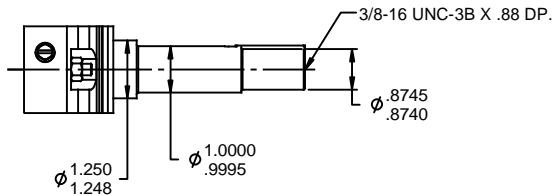
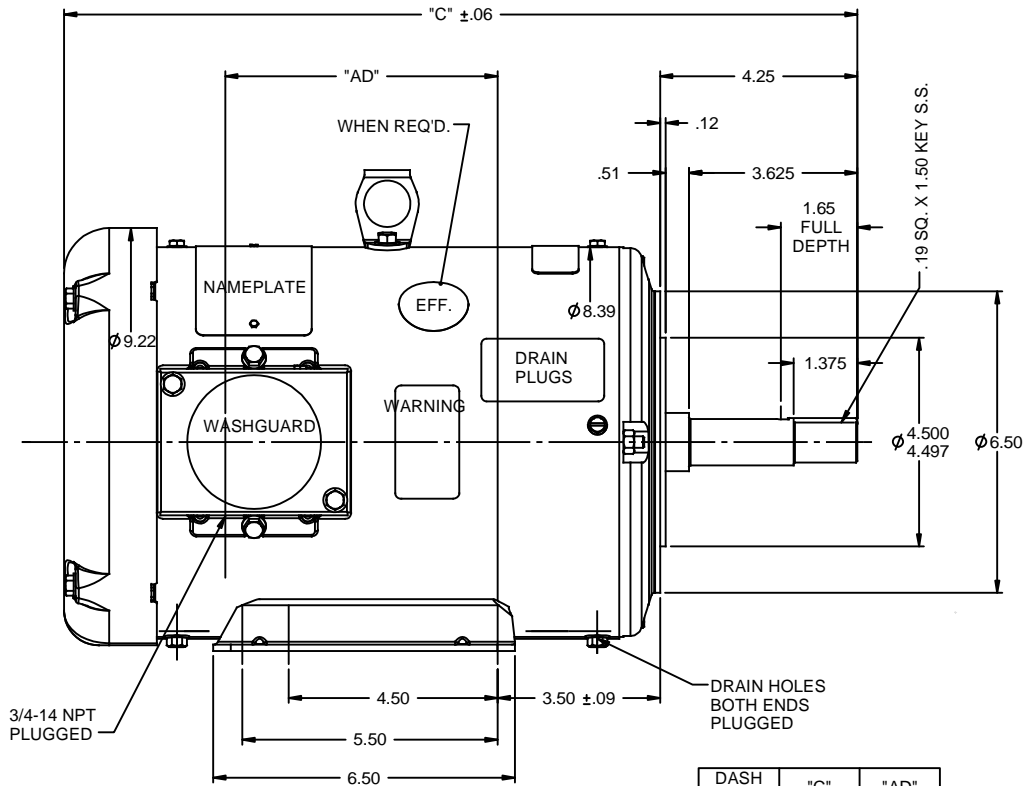
Nameplate Specifications

Phase	3	Output HP	5 & 3 Hp
Output KW	3.7 & 2.2 kW	Voltage	208-230/460 & 190/380 V
Speed	3510 & 2920 rpm	Service Factor	1.15 & 1.15
Frame	184JM	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	87.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	13-12/6 & 8.6/4.3 A	Power Factor	89
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	2	Rotation	Reversible
Resistance Main	.5 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	JM	Assembly/Box Mounting	F1 ONLY
Outline Drawing	035480-900	Connection Drawing	005010.01

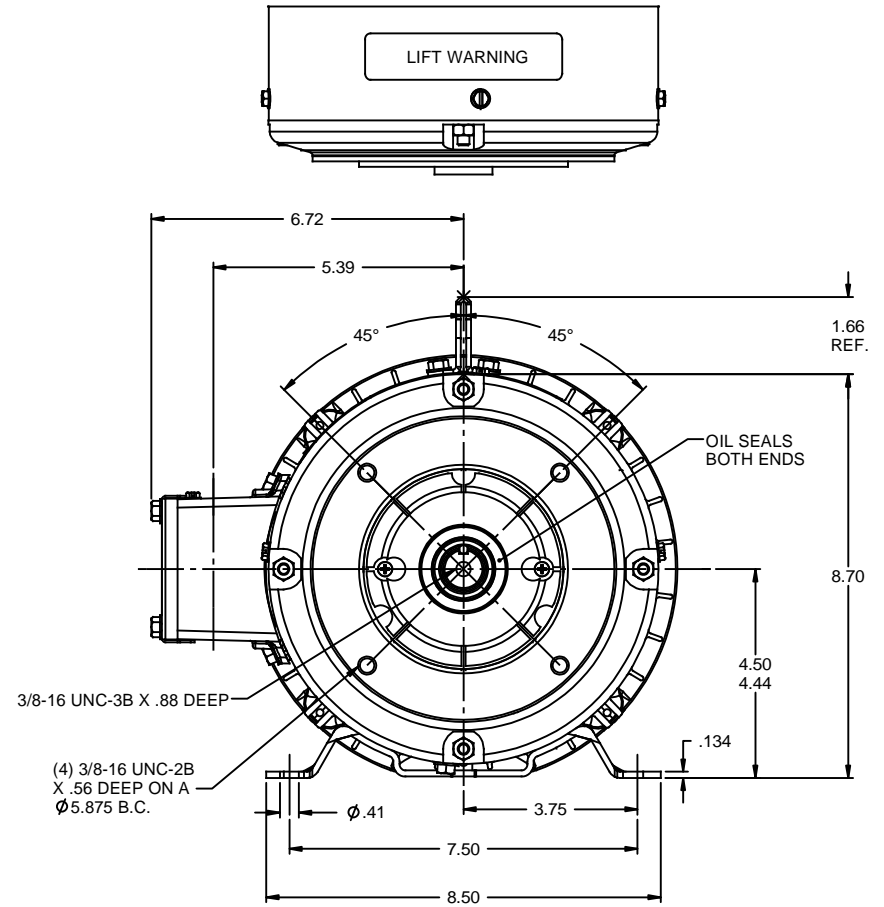
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SHAFT DETAIL

DASH NO.	"C"	"AD"
900	16.13	4.87
950	16.63	5.37
1000	17.13	5.87
1050	17.63	6.37
1100	18.13	6.87
1150	18.63	7.37

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

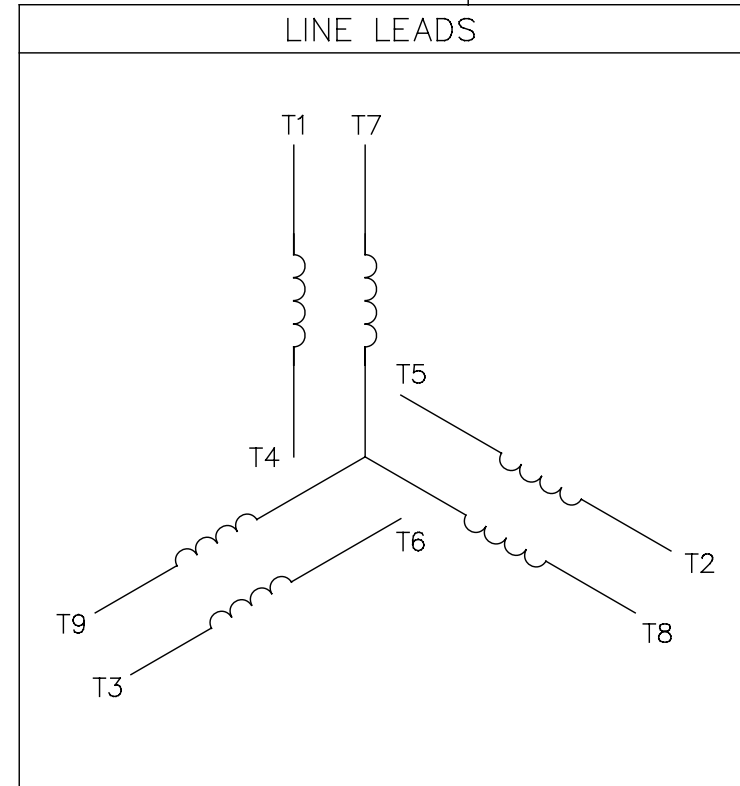


MAXIMUM FACE RUNOUT TO BE .004 T.I.R.
MAXIMUM PILOT ECCENTRICITY TO BE .004 T.I.R.
PERMISSIBLE SHAFT RUNOUT TO BE .002 T.I.R.


				TOLERANCES UNLESS SPECIFIED			REGAL-BELOIT CORPORATION		DRAWN LST 7/23/03		
				DEC INCHES					CHK		
				X ±.1				APPR RW 7/29/03			
				XX ±.03		TITLE		OUTLINE - 180JM FRAME		SCALE 3:8	
02 UPDATED PER ISAAC 10-0580		LST 5/12/2010		XX XXX ±.005				TEFC - "JM" PUMP MOUNT		REF 035357	
- UPDATED & REDRAWN IN SOLIDWORKS		LST 12/8/2009		XX XXXX ±.0005		MATL		WASHGUARD		FMF	
NO REVISION		BY & DATE		CHK ANG ±1/2"		FINISH				PAGE OF	
THIRD ANGLE PROJECTION				RFP		PREV		SIZE B		DRAWING NO 035480	
				NETWORK FILE NAME		035480				REV 02	

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		
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		A