

PRODUCT INFORMATION PACKET



Model No: EXG131580.00

Catalog No: EXG131580.00

EXG131580.00..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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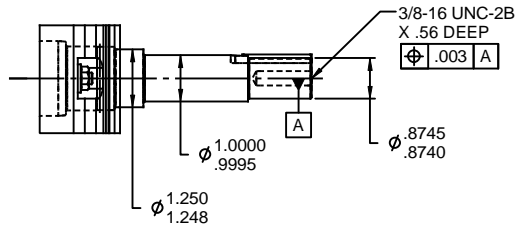
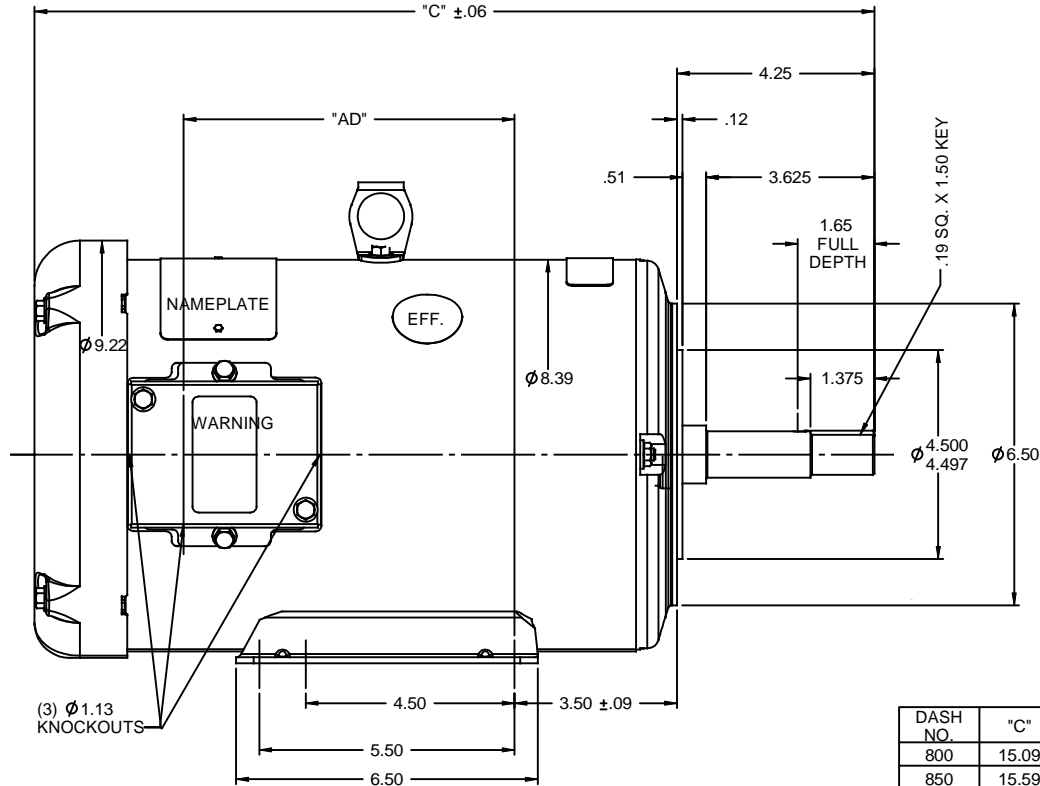
Nameplate Specifications

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	43
Number of Speeds	1		

Technical Specifications

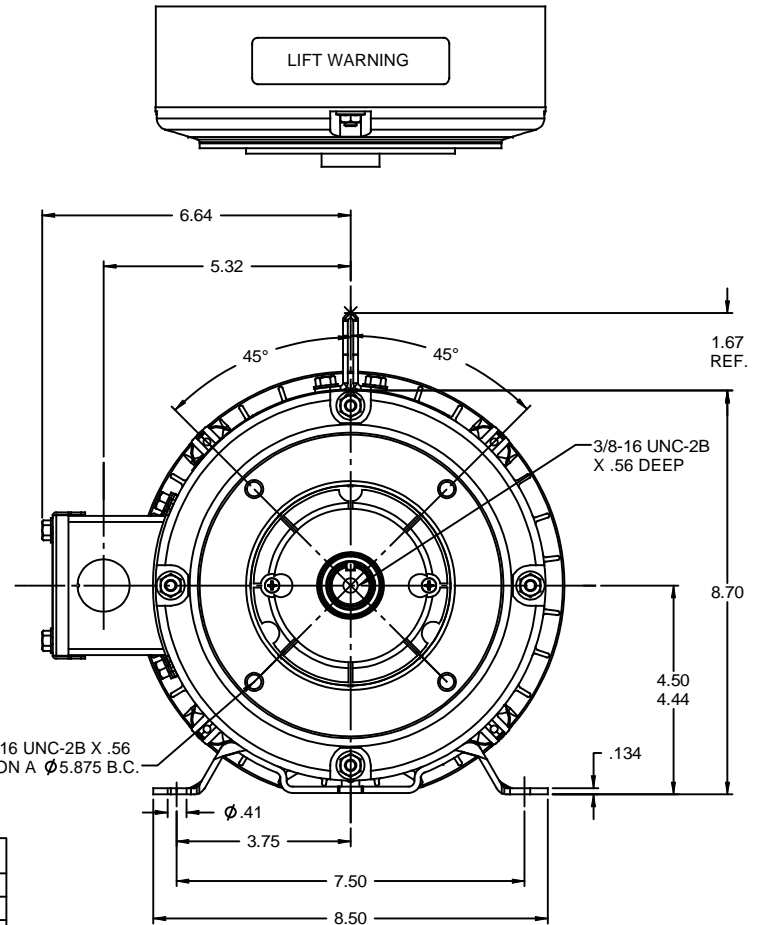
Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	.5 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	JM	Assembly/Box Mounting	F1 ONLY
Outline Drawing	035357-900	Connection Drawing	005010.01

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SHAFT DETAIL

DASH NO.	"C"	"AD"
800	15.09	4.13
850	15.59	4.63
900	16.09	5.13
950	16.59	5.63
1000	17.09	6.13
1050	17.59	6.63
1100	18.09	7.13
1150	18.59	7.63

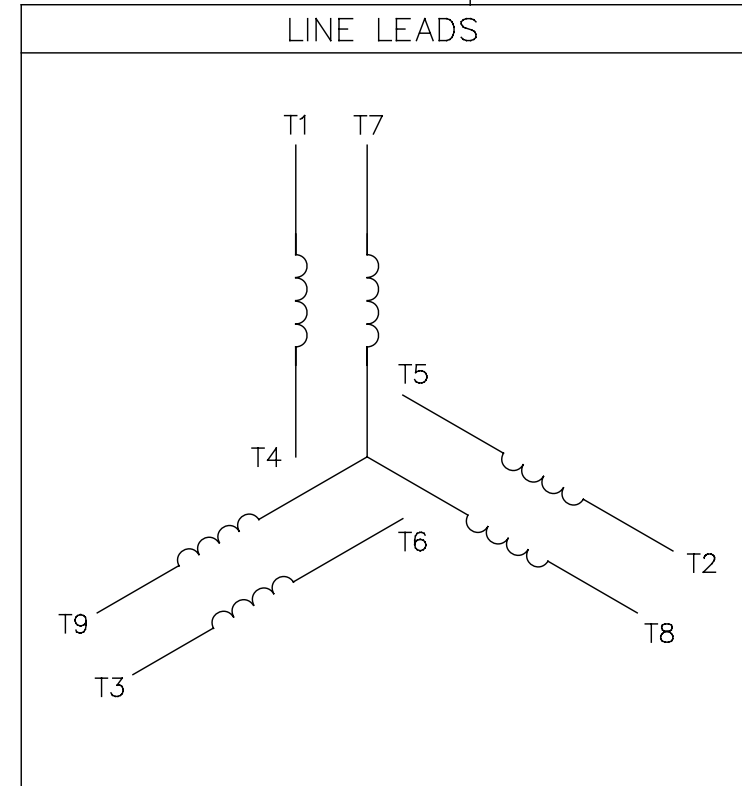


GASKETS THROUGHOUT
MAXIMUM FACE RUNOUT TO BE .004 T.I.R.
MAXIMUM PILOT ECCENTRICITY TO BE .004 T.I.R.
PERMISSIBLE SHAFT RUNOUT TO BE .002 T.I.R.


		TOLERANCES UNLESS SPECIFIED		DRAWN PG 9/15/97	
		DEC	INCHES	CHK	RK 9/15/97
		X	±.1	APPR	
		XX	±.03	TITLE	OUTLINE - 180JM FRAME
		XXX	±.005	REF	035199
- UPDATED & REDRAWN ON SOLIDWORKS		XX	XXX ±.0005	MATL	FMF
LST 12/8/2009		CHK	ANG ±1/2°	FINISH	
REVISION		RFP	PREV	SIZE	DRAWING NO
THIRD ANGLE PROJECTION		NETWORK FILE NAME		B	035357
				PAGE	OF
				REV	-

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				A	005010-01		A