

PRODUCT INFORMATION PACKET



Model No: 131812.00

Catalog No: 131812.00

3/2.5HP..1740/1440RPM.182.TEFC.230/460V.3PH.60/50HZ.CONT.NOT.40C.1.15/1.15SF.FLANGE..C182T17FZ7A

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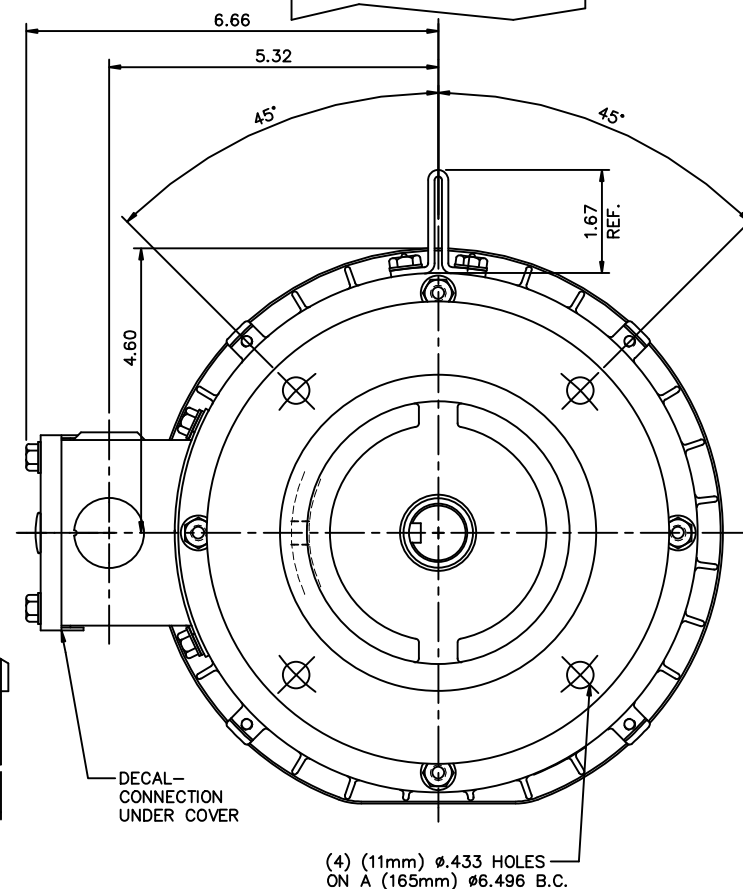
Nameplate Specifications

Phase	3	Output HP	3 & 2.50 Hp
Output KW	2.2 & 1.9 kW	Voltage	208-230/460 & 208-230/460 V
Speed	1740 & 1440 rpm	Service Factor	1.15 & 1.15
Frame	182TY	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	84 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	8.8/4.4 & 11/5.5 A	Power Factor	76
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	K
Drive End Bearing Size	6206	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	N	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Mounting	Round	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	Single Special Extension
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	OL131812	Connection Drawing	005010.01

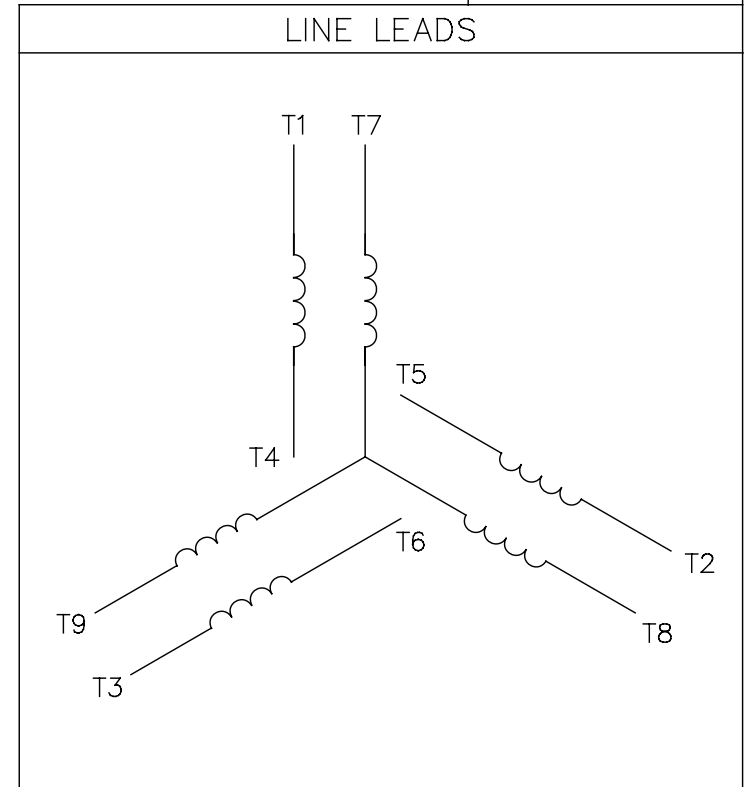
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GASKETS THROUGHOUT												
05	UPDATED PER MT2 CONVERSION			LST	4/16/10	TOLERANCES UNLESS OTHERWISE SPECIFIED		LEESON ELECTRIC CORPORATION				
04	ADDED LIFTING LUG PER ECO 02-275			DWF	BJB	03/13/02						
03	ADDED (±.010) TOLERANCE PER MFG			DWF	BJB	08/06/01	DECIMALS					
02	ROTATED D-FLANGE 90°, PER REV. 01			DWF	BJB	06/09/00	.00	± .01	DRAWN	RDW 03/07/00	TITLE	OUTLINE - GX182TY FRAME
01	ROTATED ORIENTATION & ADDED AUXILIARY VIEW			BJB	05/31/00	.000	± .005	CH'K'D.				TEFC - 200mm FLANGE MOUNT
	OF Ø.38 ACCESS HOLE PER ECO 00-761			DWF		.0000	± .0005	APPR.	DWF 03/07/00	MAT'L.		
NO.	REVISION				BY	DATE	FRACTIONS	± 1/64	SCALE	1=2		
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK							ANGLES	± 1/2"	REF.	PR990660	FINISH	
ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED							INCH/MM		FMF		ENERPAC	SIZE B
												DRAWING NO. OL131812

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