

PRODUCT INFORMATION PACKET



Model No: 182TTDW7325

Catalog No: M1315A

Close-Coupled Pump Motor, 5 & 3 HP, 3 Ph, 60 & 50 Hz, 208-230/460 & 190/380 V, 3600 & 3000 RPM,
182JM Frame, DP

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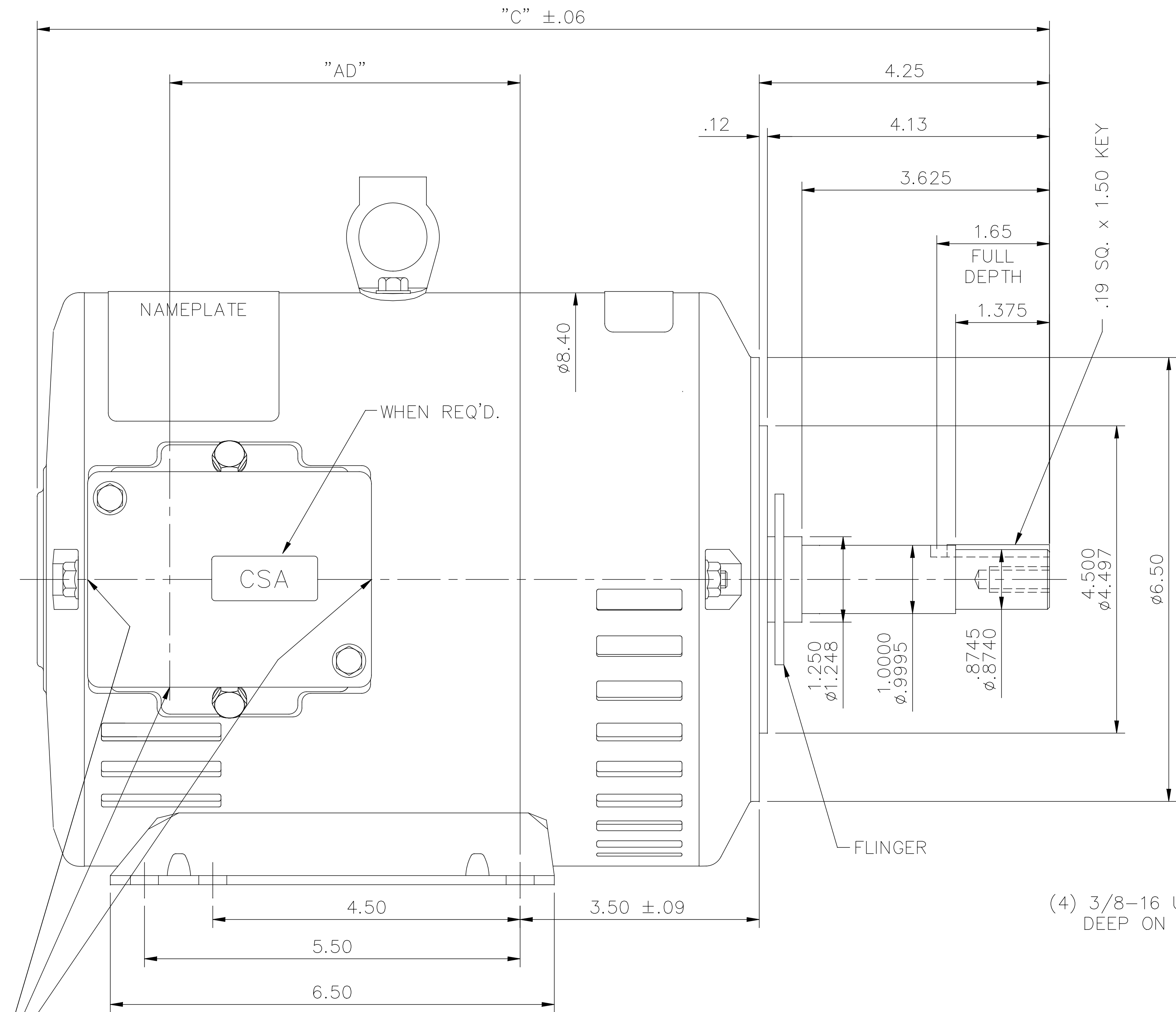


Nameplate Specifications

Phase	3	Output HP	5 & 3 Hp
Output KW	3.7 & 2.2 kW	Voltage	208-230/460 & 190/380 V
Speed	3505 & 2940 rpm	Service Factor	1.15 & 1.15
Frame	182JM	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	85.5 & 85.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	14-12.4/6.2 & 9.6/4.8 A	Power Factor	87.5
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	22
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	2.8 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	JM	Overall Length	14.82 in
Frame Length	9.00 in	Shaft Diameter	0.875 in
Shaft Extension	4.25 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	035565-900	Connection Drawing	005010.01ME




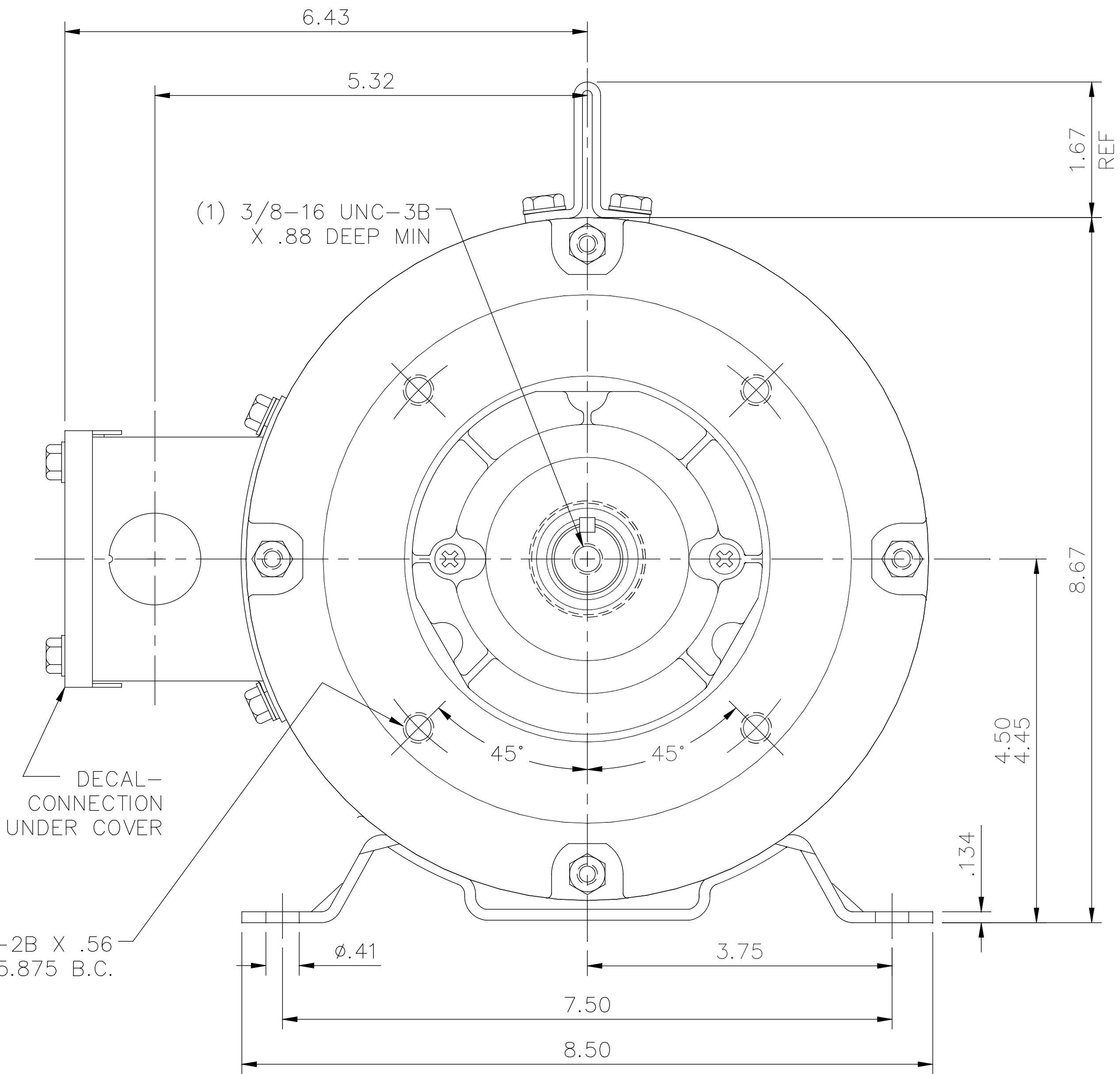
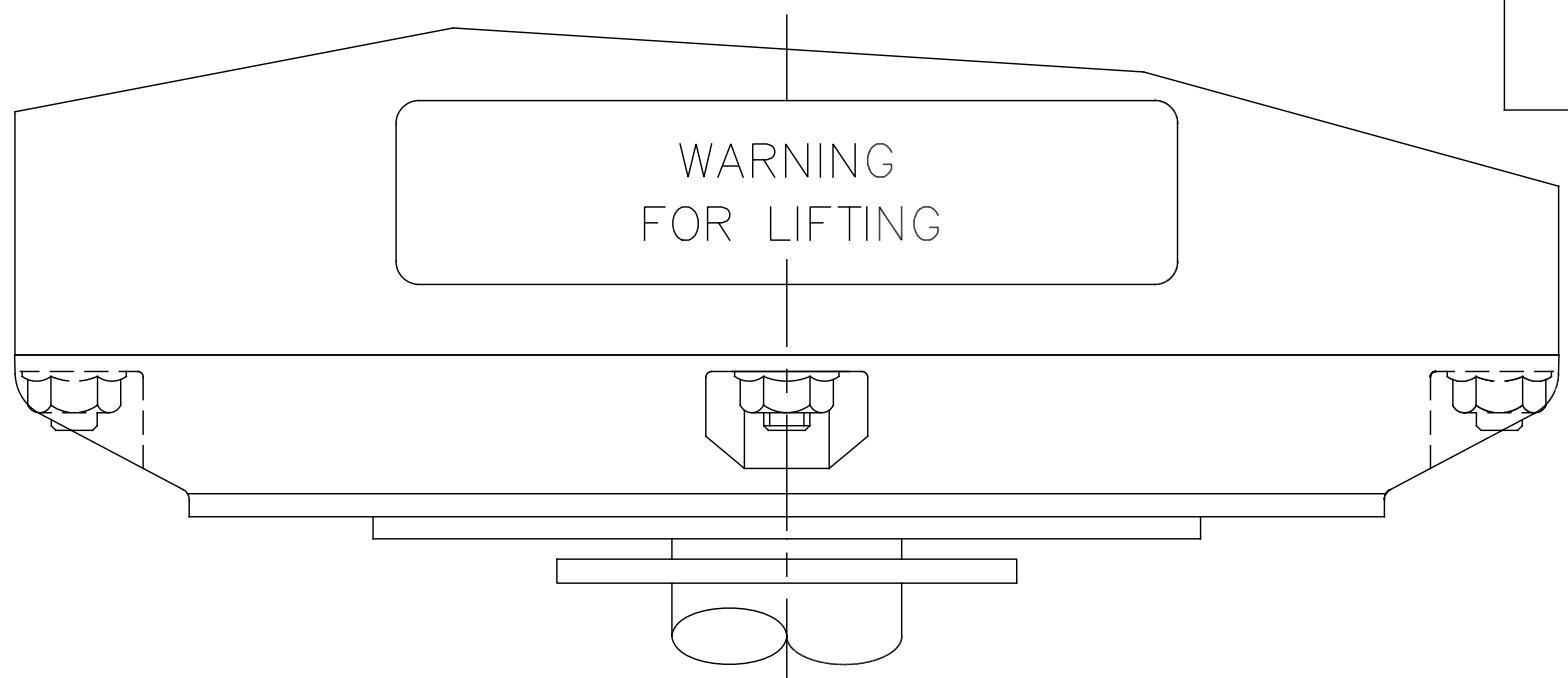
Ø1.13 KNOCKOUTS
(3) REQUIRED

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 .004 T.I.R.

DASH NO.	"C"	"AD"
800	13.82	4.13
850	14.32	4.63
900	14.82	5.13
950	15.32	5.63
1000	15.82	6.13
1050	16.32	6.63
1100	16.82	7.13
1150	17.32	7.63

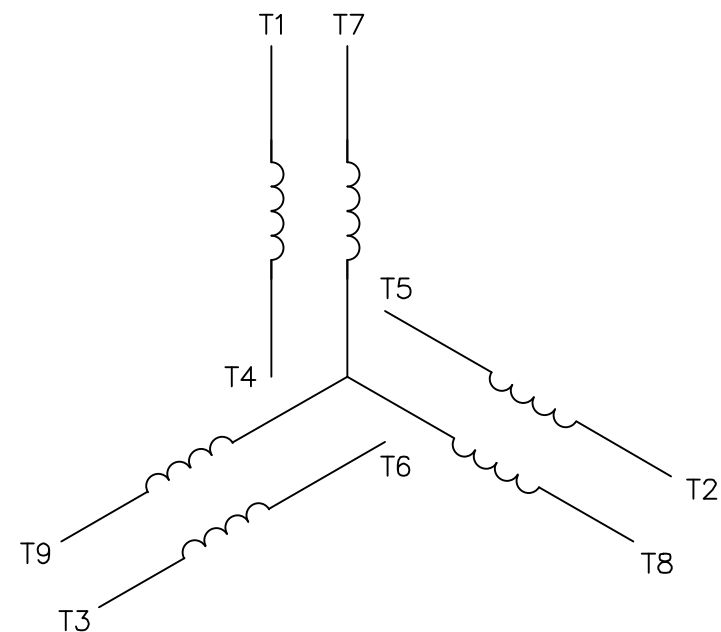
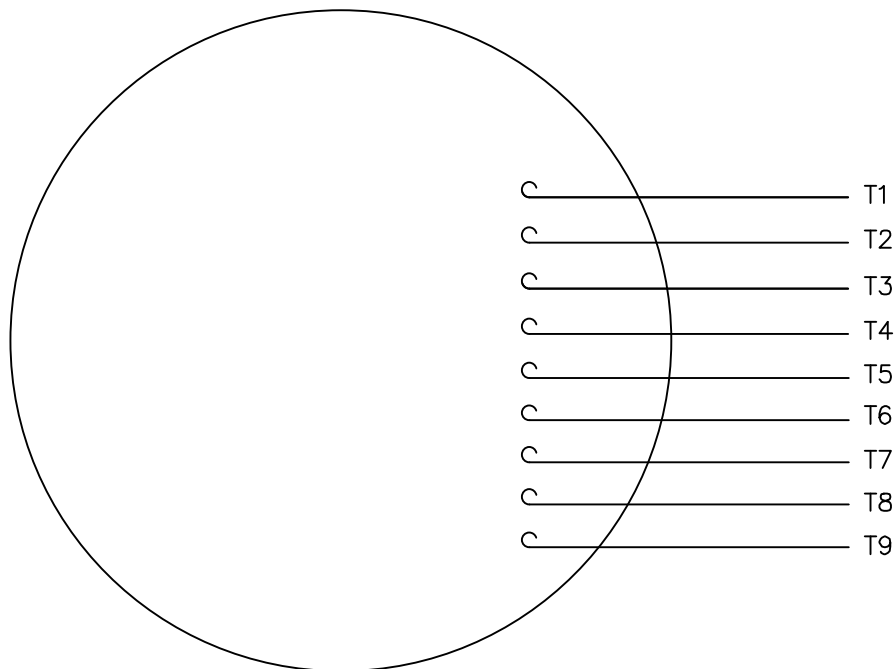
NO.	REVISION	BY & DATE	CHK	ANG
04	DRAWING UPDATED	SL 05/16/16	GR	.X ±.1
03	CSA WHEN REQ'D ADDED PER ECO-0045263	UD 02/11/14	GR	.XX ±.03
02	REMOVED THE CE DECAL	SVL 6/11/2009	SVL	.XXX ±.005
01	REVISED C/B MOUNTING BOLT POSITION.	ST 3/24/2009	VV	.XXXX ±.0005
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY 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	±1/2"
			DIST	

	TOLERANCES UNLESS SPECIFIED					DRAWN KVN 09/11/2007					
	DEC.	INCHES				CHK					
GR	.X	±.1	TITLE OUTLINE – 180JM FRAME DRIP PROOF – RIGID "C" – JM PUMP			APPD					
GR	.XX	±.03				SCALE 1=2					
SVL	.XXX	±.005				REF 035485					
GVV	.XXXX	±.0005				FMF 182TTDW7325					
CHK	ANG	±1/2°				PREV					
RFP						CAD FILE 035565		SIZE B	DRAWING NO. 035565		REV. 04
DIST											




035565

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				DRAWN RDW 04/12/02		
				DEC.	INCHES			CHK		
				.X	±.1			APPD		
				.XX	±.01	TITLE EXTERNAL WIRING DIAGRAM 3 PHASE W/O PROTECTOR		SCALE 1=1		
				.XXX	±.005			REF FIG.2-51		
				.XXXX	±.0005	MAT'L. DECAL - 004014		FMF		
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH		PREV		
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			DIST							