

PRODUCT INFORMATION PACKET



Model No: 182TTDW4325

Catalog No: E107A

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

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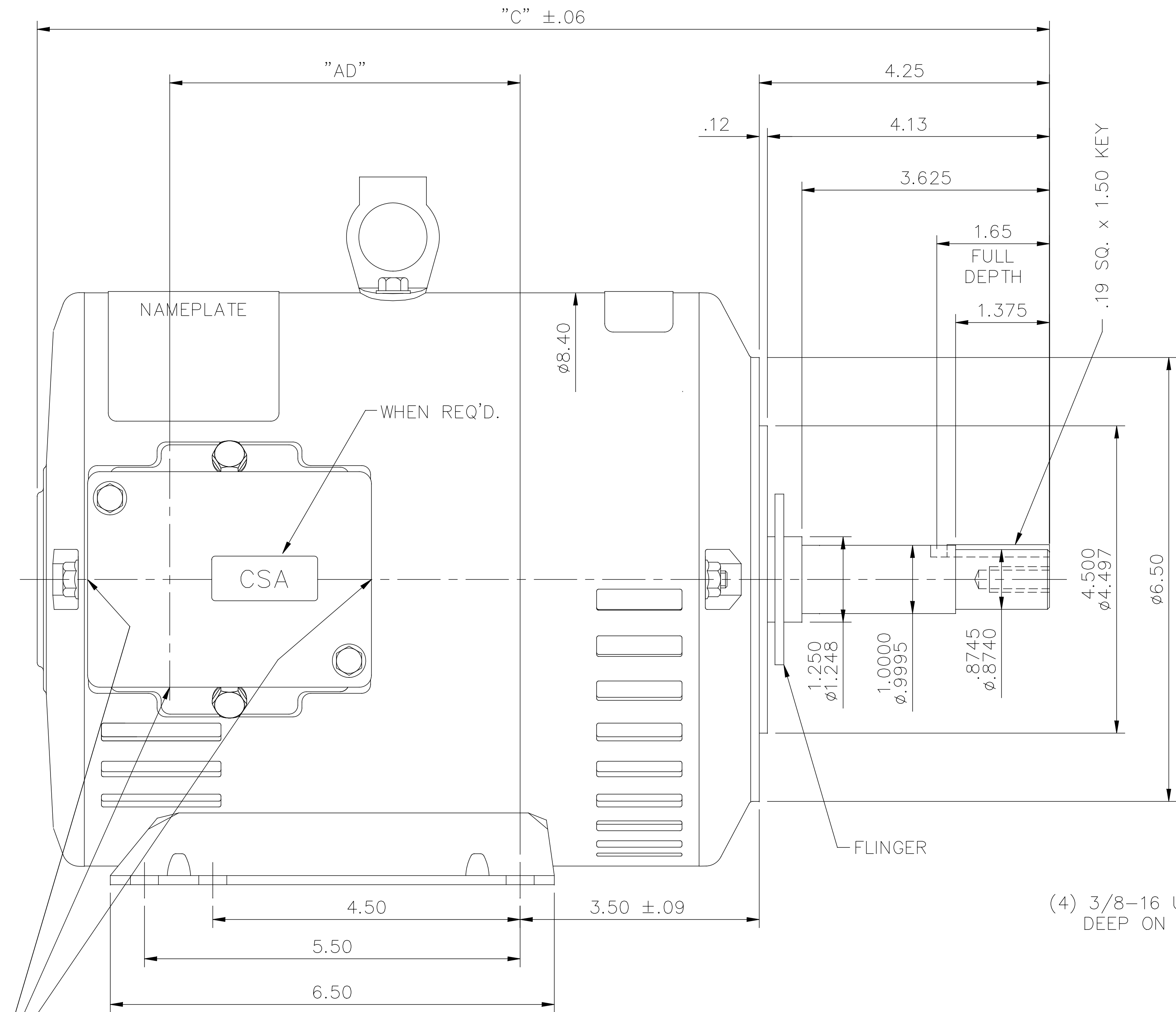


Nameplate Specifications

Phase	3	Output HP	5 & 3 Hp
Output KW	3.7 & 2.2 kW	Voltage	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	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

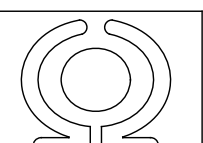
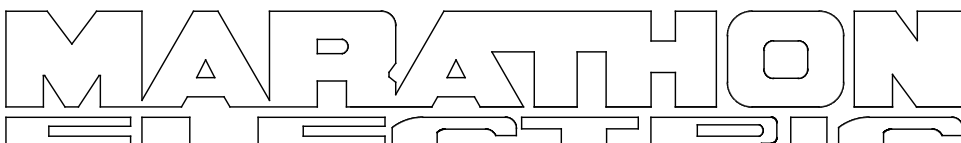
Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	2.8 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	JM	Overall Length	14.82 in
Frame Length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

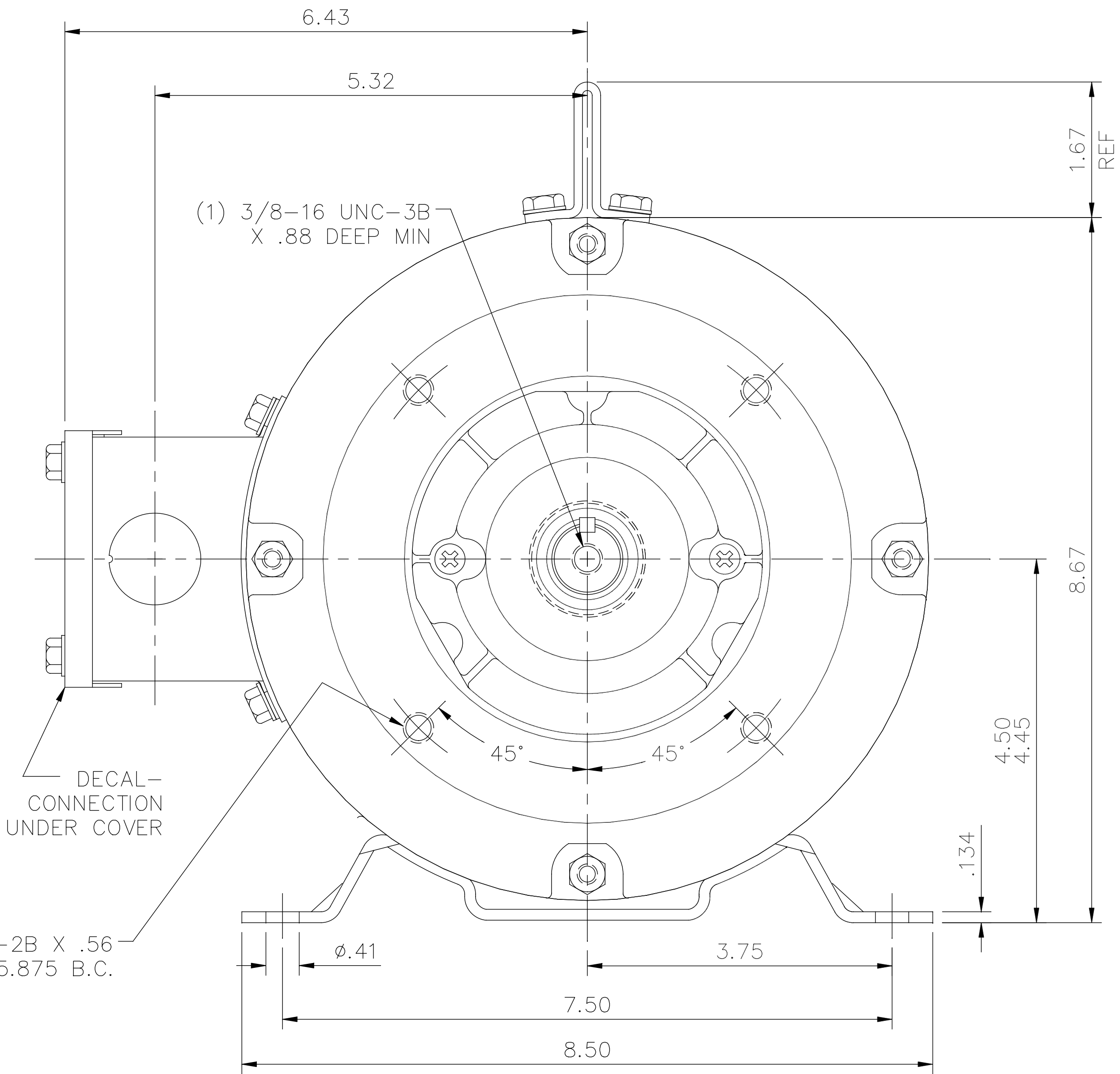
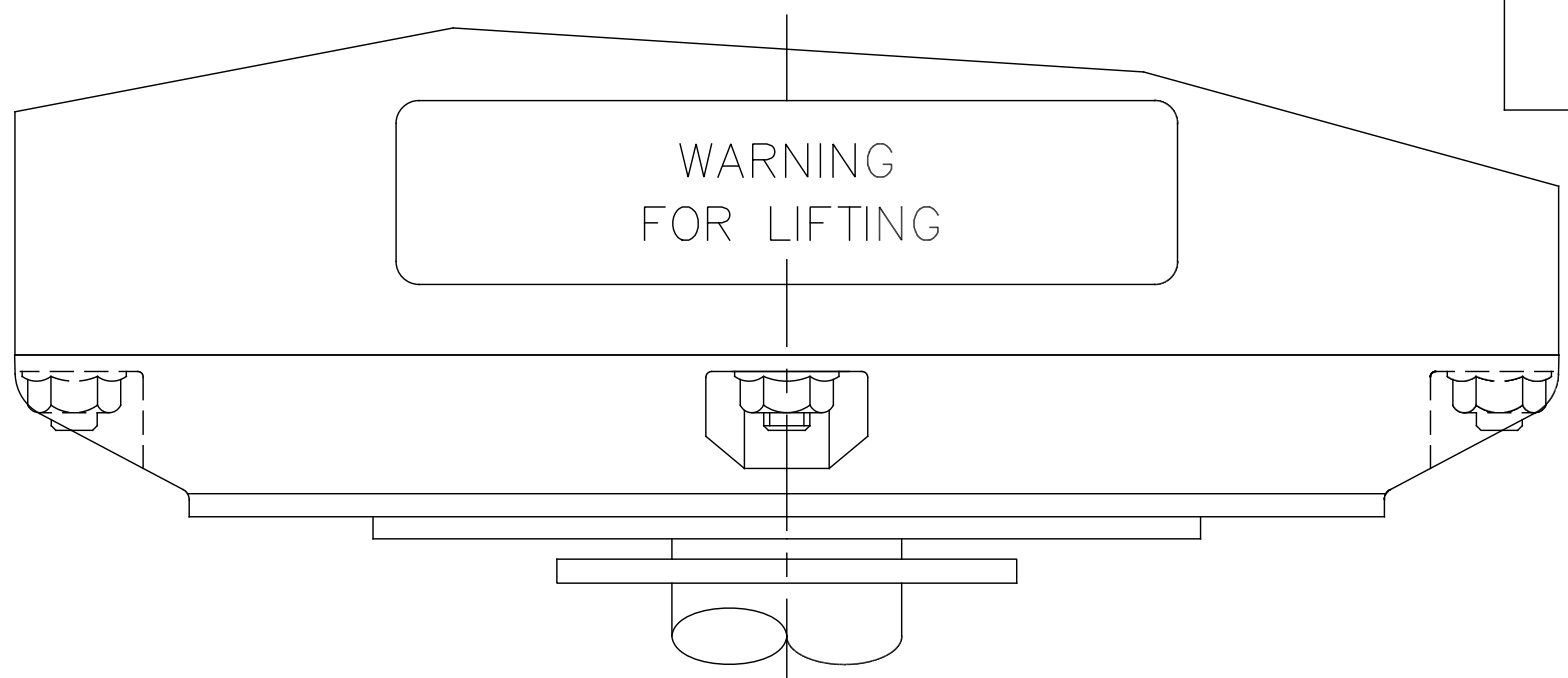


GASKETS THROUGHOUT
MAXIMUM FACE RUNOUT TO BE .004 T.I.R.
MAXIMUM PILOT ECCENTRICITY TO BE .004 T.I.R.
PERMISSIBLE SHAFT RUNOUT TO BE .004 T.I.R.

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		APPD		
GR	.XX	±.03		TITLE OUTLINE – 180JM FRAME DRIP PROOF – RIGID "C" – JM PUMP		
9SVL	.XXX	±.005				
9VV	.XXXX	±.0005		SCALE 1=2		
CHK	ANG	±1/2°		REF 035485		
RFP		CAD FILE 035565	SIZE B	FMF 182TTDW7325		
DIST				PREV		
				DRAWING NO. 035565		
				REV. 04		



035565


VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS



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		SCALE 1=1		
				.XXX	±.005	TITLE EXTERNAL WIRING DIAGRAM 3 PHASE W/O PROTECTOR		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				A	005010-01ME	