

PRODUCT INFORMATION PACKET



Model No: 184TTDW14001

Catalog No: E109A

Close-Coupled Pump Motor, 7.50 & 5 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 3600 & 3000 RPM,
184JM Frame, DP

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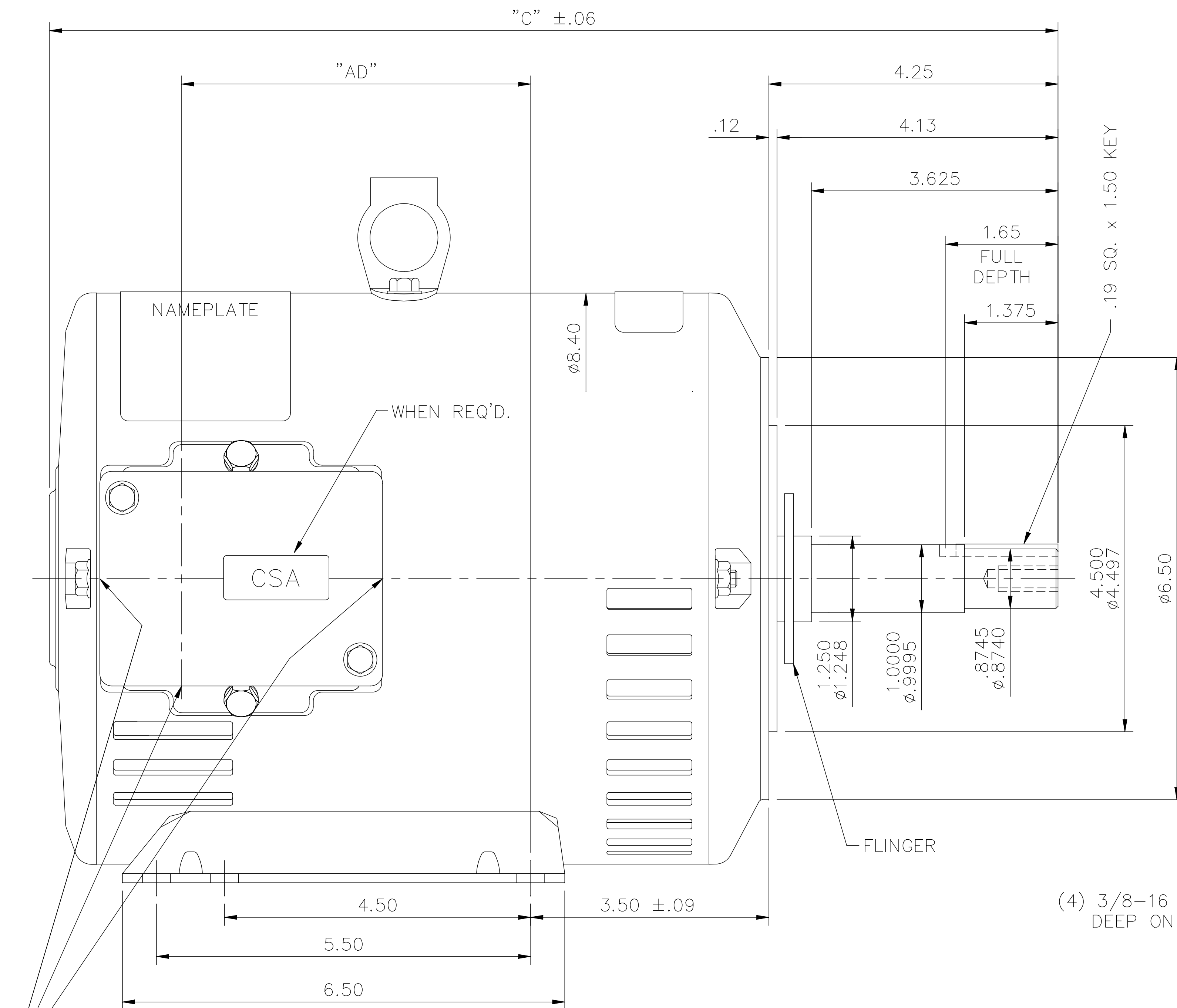


Nameplate Specifications

Phase	3	Output HP	7.50 & 5 Hp
Output KW	5.6 & 3.7 kW	Voltage	230/460 & 190/380 V
Speed	3470 & 2915 rpm	Service Factor	1.15 & 1.15
Frame	184JM	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	87.5 & 88.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	17.6/8.8 & 14.4/7.2 A	Power Factor	90.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	H
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	0 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	15.82 in
Frame Length	10.00 in	Shaft Diameter	0.875 in
Shaft Extension	4.25 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	035565-1000	Connection Drawing	005010.01ME




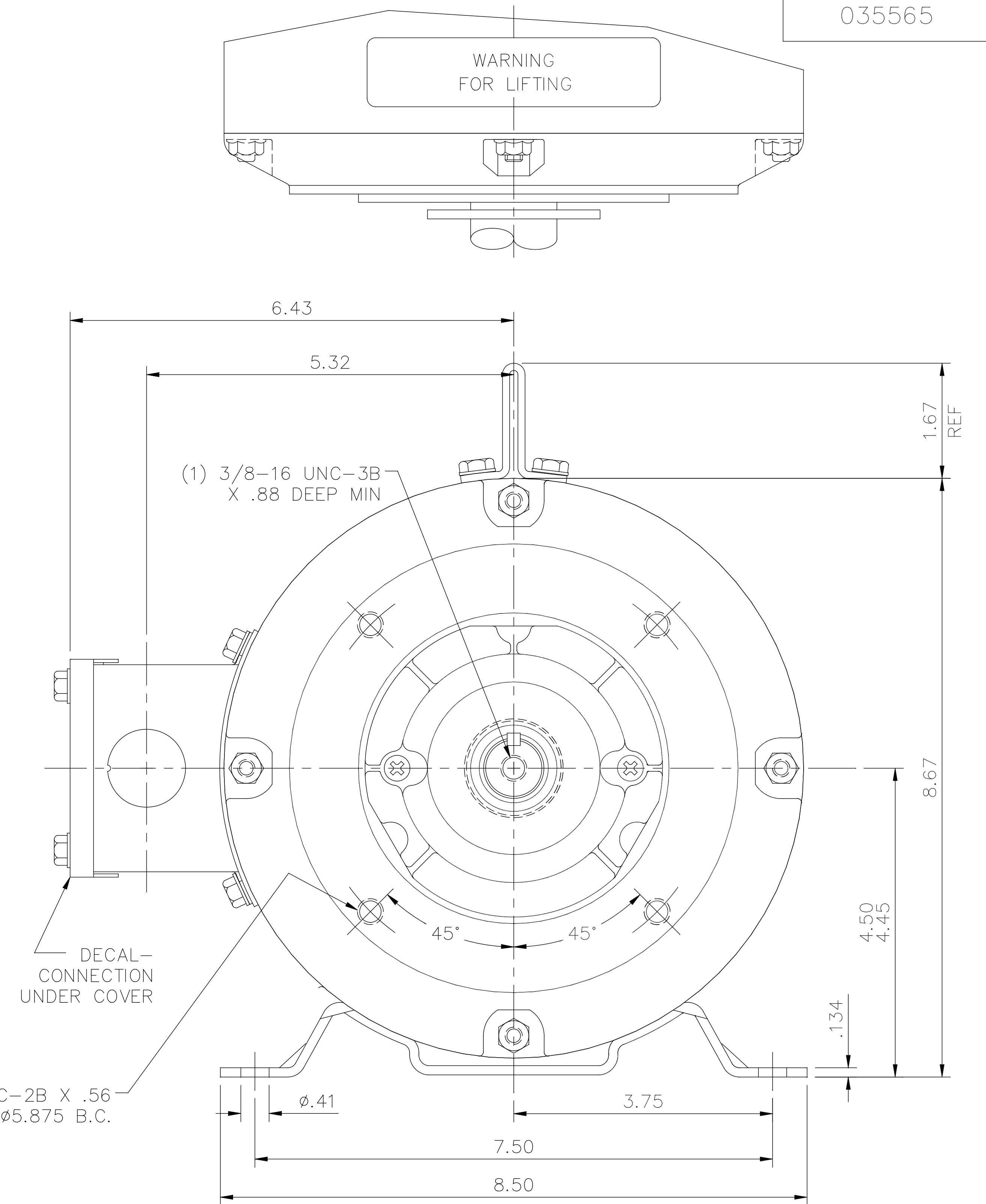
- ø1.13 KNOCKOUTS
(3) REQUIRED

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

04	DRAWING UPDATED	SL 05/16/16
03	CSA WHEN REQ'D ADDED PER ECO-0045263	UD 02/11/14
02	REMOVED THE CE DECAL	SVL 6/11/200
01	REVISED C/B MOUNTING BOLT POSITION.	ST 3/24/20
NO.	REVISION	BY & DATE
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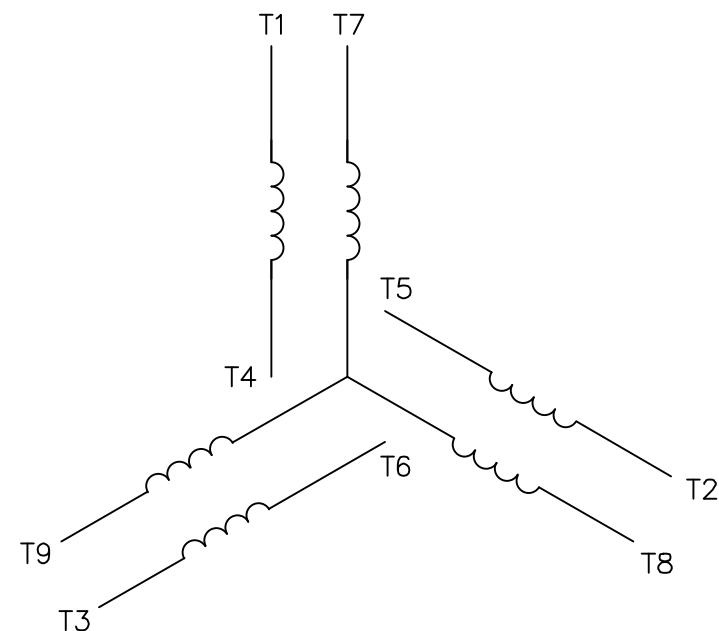
TOLERANCES UNLESS SPECIFIED		 MARATHON ELECTRIC		DRAWN KVN 09/11/2007	
DEC.	INCHES			CHK	
.X	±.1	TITLE OUTLINE – 180JM FRAME DRIP PROOF – RIGID "C" – JM PUMP		APPD	
.XX	±.03			SCALE 1=2	
.XXX	±.005			REF 035485	
.XXXX	±.0005			FMF 182TTDW7325	
ANG	±1/2°			PREV	
CAD FILE 035565		SIZE	DRAWING NO.		REV.
		B	035565		04



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		