

PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 184TTDW4135

Catalog No: E158A

Close-Coupled Pump Motor, 5 & 3 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 & 1500 RPM,
184JMV Frame, DP

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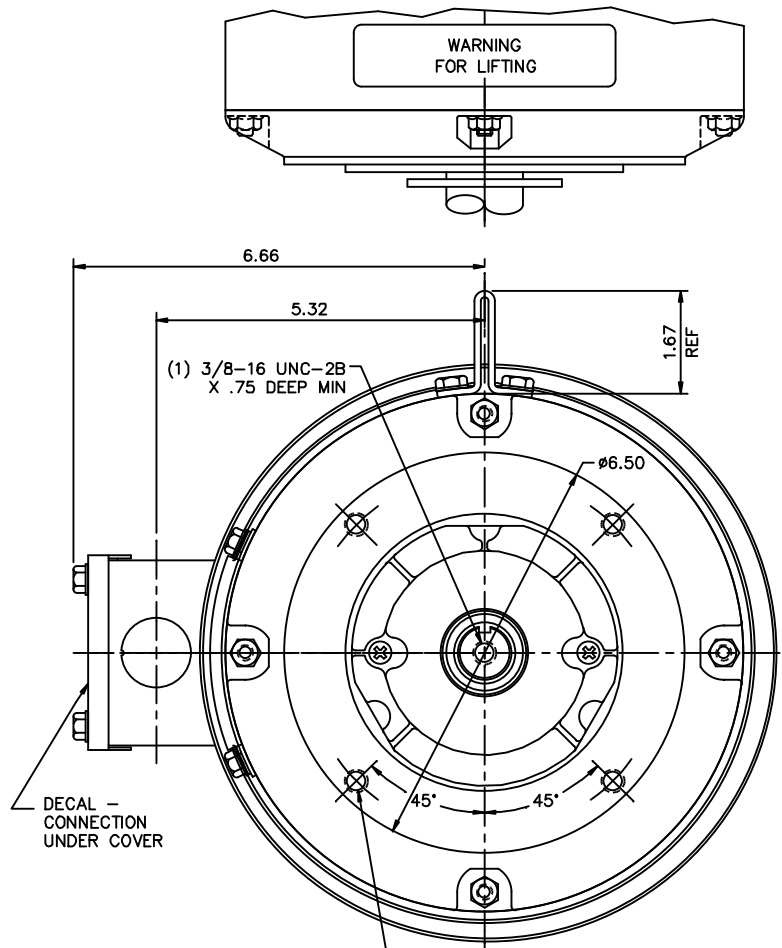
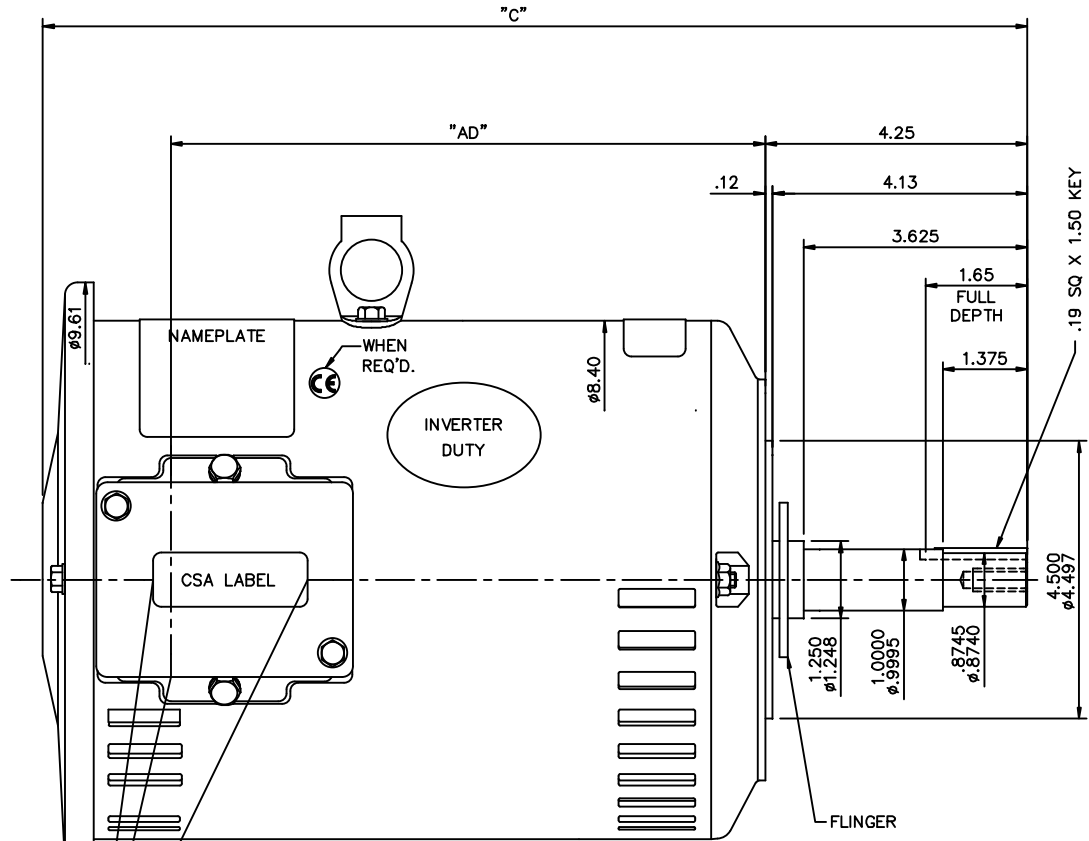
RegalRexnord

Nameplate Specifications

Phase	3	Output HP	5 & 3 Hp
Output KW	3.7 & 2.2 kW	Voltage	230/460 & 190/380 V
Speed	1755 & 1475 rpm	Service Factor	1.15 & 1.15
Frame	184JMV	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	87.5 & 88.3 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	13.2/6.6 & 10.4/5.2 A	Power Factor	81.1
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	4	Rotation	Reversible
Resistance Main	3.17 Ohms	Mounting	Round
Motor Orientation	Shaft Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	JM	Overall Length	15.72 in
Frame Length	9.00 in	Shaft Diameter	0.875 in
Shaft Extension	4.28 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	005010.20ME	Outline Drawing	035571-900



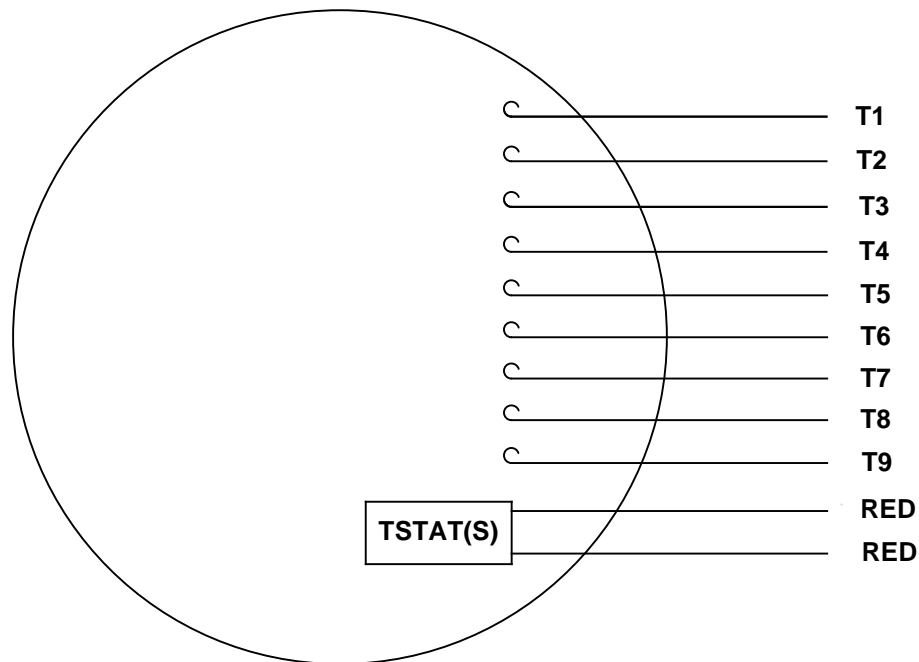
GASKETS THROUGHOUT

Ø1.13 KNOCKOUTS
(3) REQUIRED

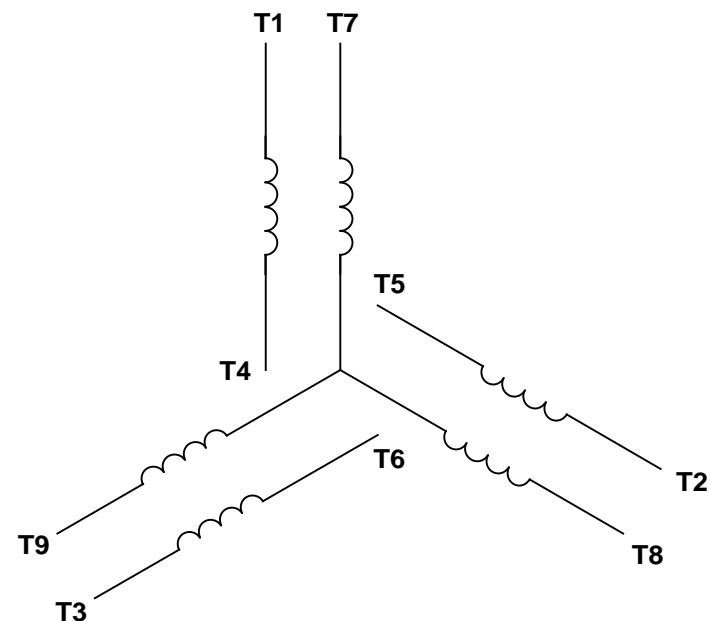
MAXIMUM FACE RUNOUT TO BE .004 T.I.R.
MAXIMUM PILOT ECCENTRICITY TO BE .004 T.I.R.
PERMISSIBLE SHAFT RUNOUT TO BE .004 T.I.R.

DASH NO.	"C"	"AD"	TOLERANCES UNLESS SPECIFIED		TITLE	DRAWN VV 20/09/07			
			DEC.	INCHES			CHK		
800	14.72	4.13	.X	±.1	MARATHON ELECTRIC OUTLINE- 180JM FRAME DRIP PROOF- "C" FACE- JM PUMP	APPD YS 20/09/07			
850	15.22	4.63	.XX	±.03		SCALE 1-2			
900	15.72	5.13	.XXX	±.005		REF 035486			
950	16.22	5.63	.XXXX	±.0005		FMF 182TTDW4135			
1000	16.72	6.13	NO.	BY & DATE		PREV			
1050	17.22	6.63	01	DASH# 800 ADDED, KEY WAS 1.75, "AG" REMOVED		JD 04/09/2012			
1100	17.72	7.13	NO.	REVISION	BY & DATE	RFP			
1150	18.22	7.63	NO.	REVISION	BY & DATE	CHK ANG ±1/2'			
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	CAD FILE 035571	SIZE B	DRAWING NO. 035571	REV. 01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS



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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 04/13/04	
		DEC	INCHES			CHK	
		.X	±.1			APPR	
		.XX	±.01			SCALE 1:1	
			.XXX	±.005	TITLE EXTERNAL WIRING DIAGRAM		REF
			.XXX	±.0005	3 PHASE		
--	REDRAWN IN SOLIDWORKS	VJB 02/08/11			MAT'L DECAL - 004014 (TSTAT) - 080582	FMF 129027	
NO	REVISION	BY & DATE	CHK	ANG ±1/2°	FINISH	PAGE OF	
THIRD ANGLE PROJECTION			RFP	PREV	SIZE	DRAWING NO	REV
			NETWORK FILE NAME 00501020ME		A	005010-20ME	--