

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 182TTDR6001

Catalog No: U248

General Purpose Motor, 5 & 3 HP, 3 Ph, 60 & 50 Hz, 208-230/460 & 190/380 V, 3600 & 3000 RPM,
182T Frame, DP



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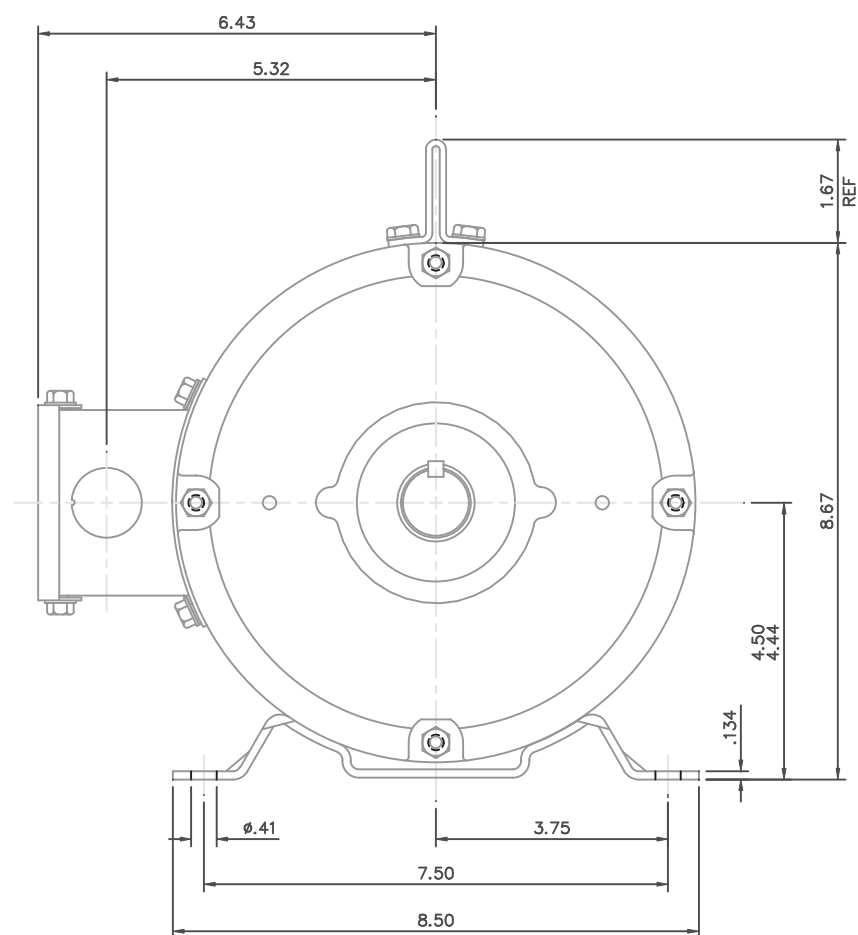
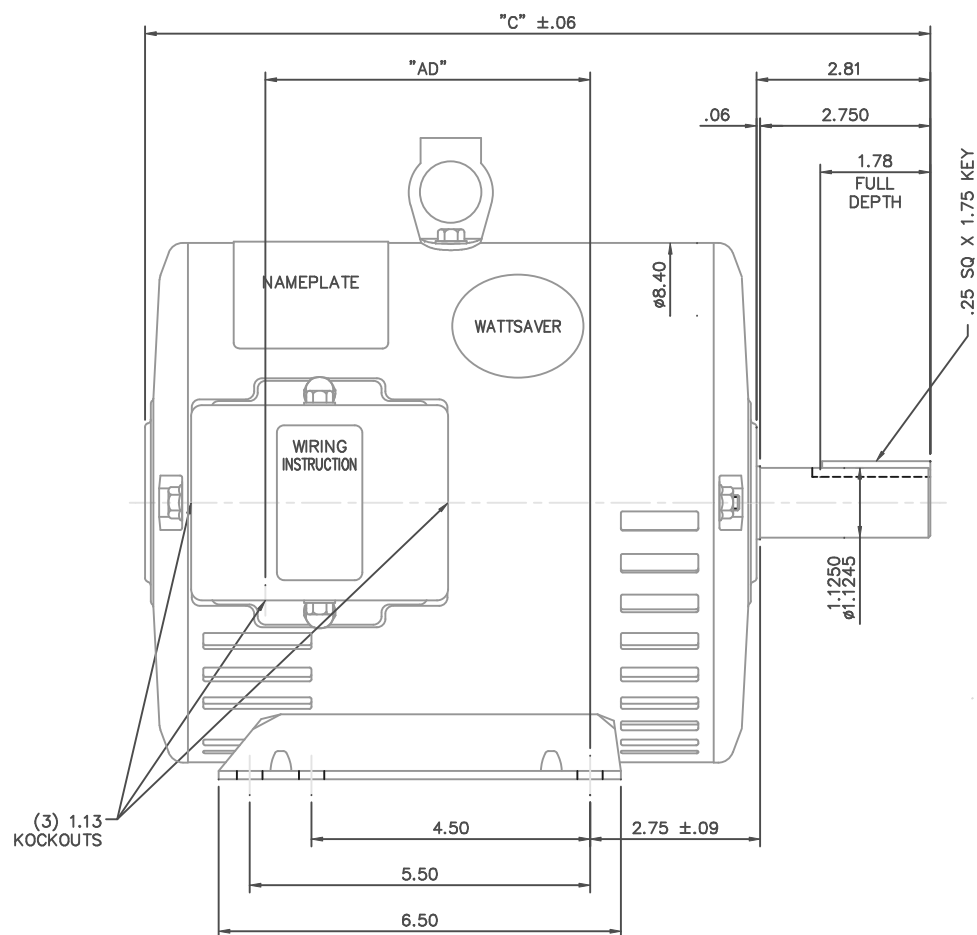
RegalRexnord

Nameplate Specifications

Phase	3	Output HP	5 & 3 Hp
Output KW	3.7 & 2.2 kW	Voltage	208-230/460 & 190/380 V
Speed	3515 & 2850 rpm	Service Factor	1.15 & 1.0
Frame	182T	Enclosure	Drip Proof
Thermal Protection	Thermostat	Efficiency	86.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	13.0-12.0/6.0 & 13.0-12.0/6.0 A	Power Factor	90
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	J
Drive End Bearing Size	6206	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	1.98 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Overall Length	15.19 in
Frame Length	11.00 in	Shaft Diameter	1.125 in
Shaft Extension	2.75 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	035455ME-1100	Connection Drawing	005010.20ME



GASKETS THROUGHOUT

DASH NO.	"C"	"AD"
850	12.69	5.25
900	13.19	5.75
950	13.69	6.25
1000	14.19	6.75
1050	14.69	7.25
1100	15.19	7.75
1150	15.69	8.25
1200	16.19	8.75


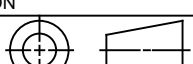
NO.		REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH	SIZE		DRAWING NO.	REV.
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				DIST	NLV						

TOLERANCES UNLESS SPECIFIED			DRAWN	RDW 1/9/06			
DEC.	INCHES		CHK				
.X	±.1		APPD	KH 1/9/06			
.XX	±.03		SCALE	1=2			
.XXX	±.005		REF	035351			
.XXXX	±.0005		FMF				
IK	ANG	±1/2"	FINISH	PREV			
TP	1/9/06		CAD FILE	035455ME	SIZE	DRAWING NO.	REV
ST	NLV				B	035455ME	

A diagram of a circular structure, likely a ring or a circular queue, divided into 10 segments. The segments are labeled T1 through T9, and a segment labeled TSTAT(S) is shown at the bottom. Each segment is connected to a horizontal line extending to the right, which is labeled with its corresponding identifier (T1, T2, T3, T4, T5, T6, T7, T8, T9, TSTAT(S)). The labels T1 through T9 are in bold black font, while TSTAT(S) is in regular black font. The horizontal lines are black and extend to the right edge of the diagram.

LINE LEADS

The diagram illustrates a 12-lead ECG system. A central point is connected to 12 leads, labeled T1 through T9. Leads T1 and T7 are vertical lines. Leads T4, T5, T6, T8, and T9 are diagonal lines. Leads T2 and T3 are represented by wavy lines, indicating they are not standard leads. The leads are arranged in a circular pattern around the central point.

				TOLERANCES UNLESS SPECIFIED				DRAWN RDW 04/13/04		
				DEC	INCHES			CHK		
				.X	±.1			APPR		
				.XX	±.01	TITLE EXTERNAL WIRING DIAGRAM 3 PHASE		SCALE 1:1		
				.XXX	±.005			REF		
--	REDRAWN IN SOLIDWORKS	VJB 02/08/11		.XXXX	±.0005	MAT'L DECAL - 004014 (TSTAT) - 080582		FMF 129027		
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<div>THIRD ANGLE PROJECTION</div> 			RFP		PREV		SIZE A	DRAWING NO 005010-20ME		REV --
			NETWORK FILE NAME 00501020ME							