

PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 184TTDW14079

Catalog No: U177A

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

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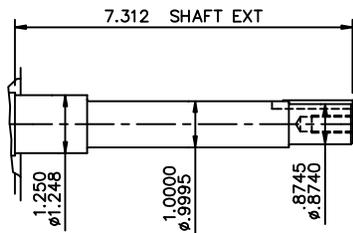
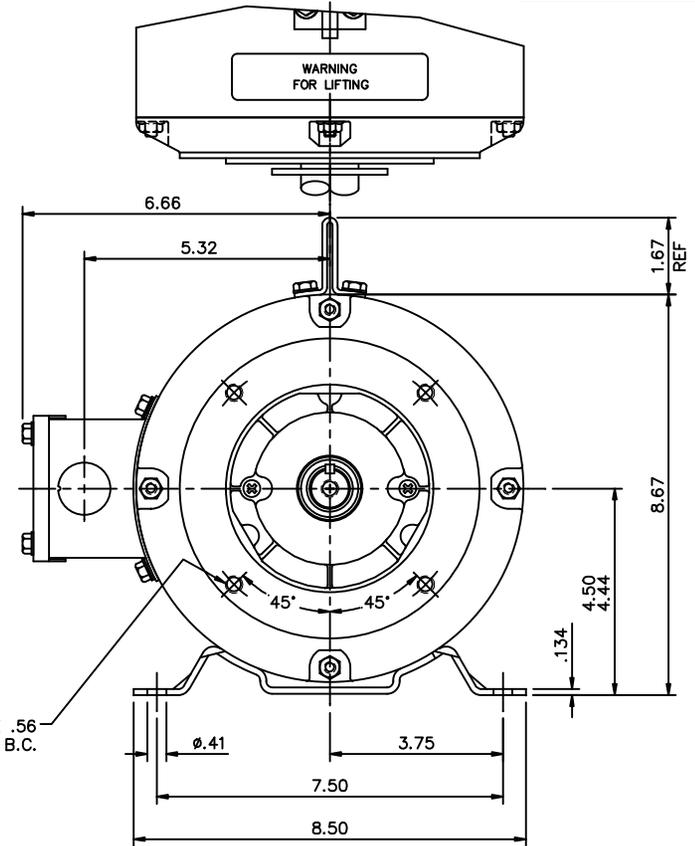
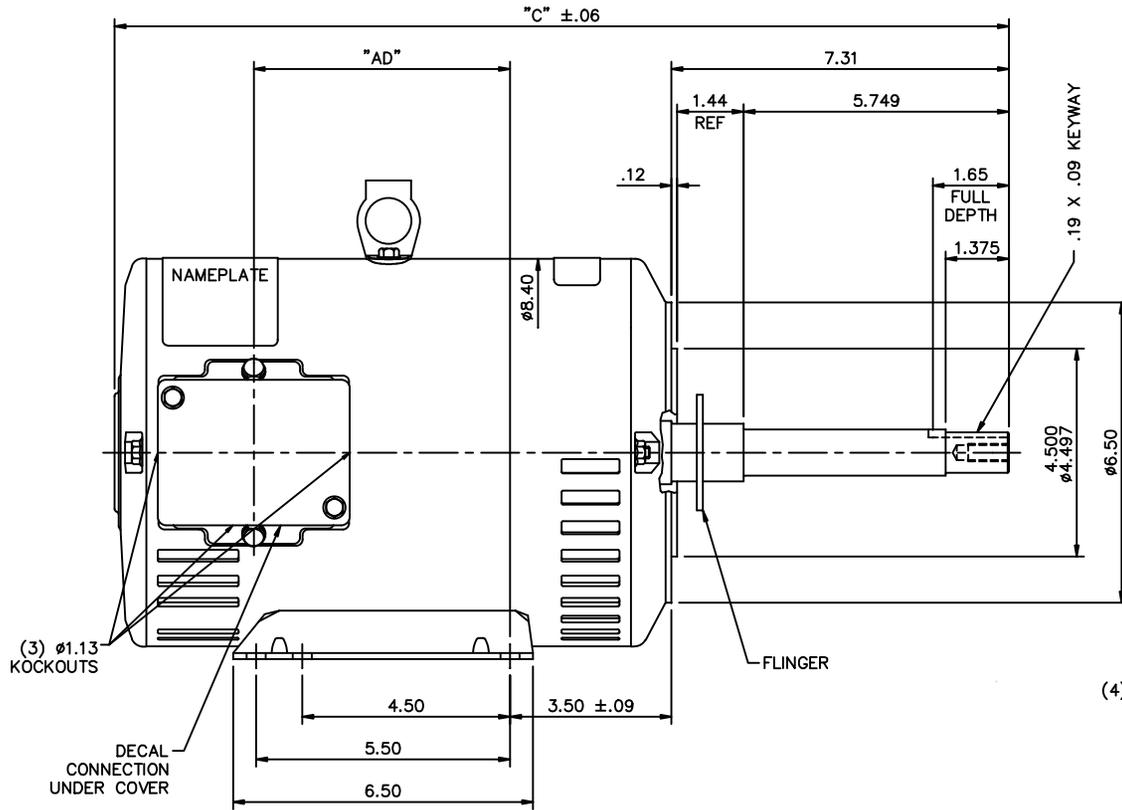
RegalRexnord

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 & 1.0
Frame	184JP	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	B
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	JP	Overall Length	18.88 in
Frame Length	10.00 in	Shaft Diameter	0.875 in
Shaft Extension	7.34 in	Assembly/Box Mounting	F1/F2 Capable
Connection Drawing	005010.01ME	Outline Drawing	035446-1000



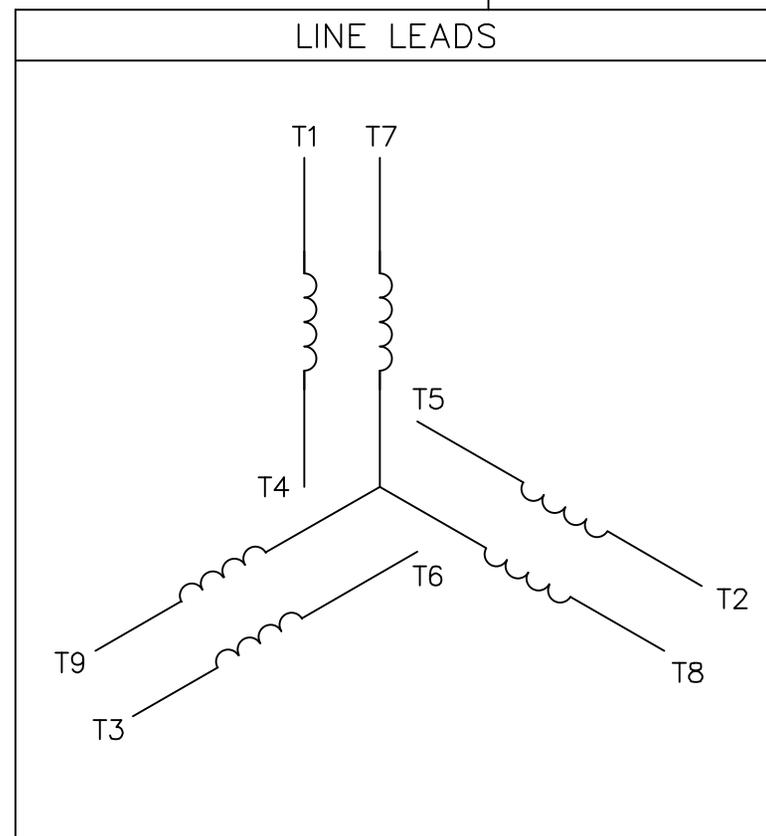
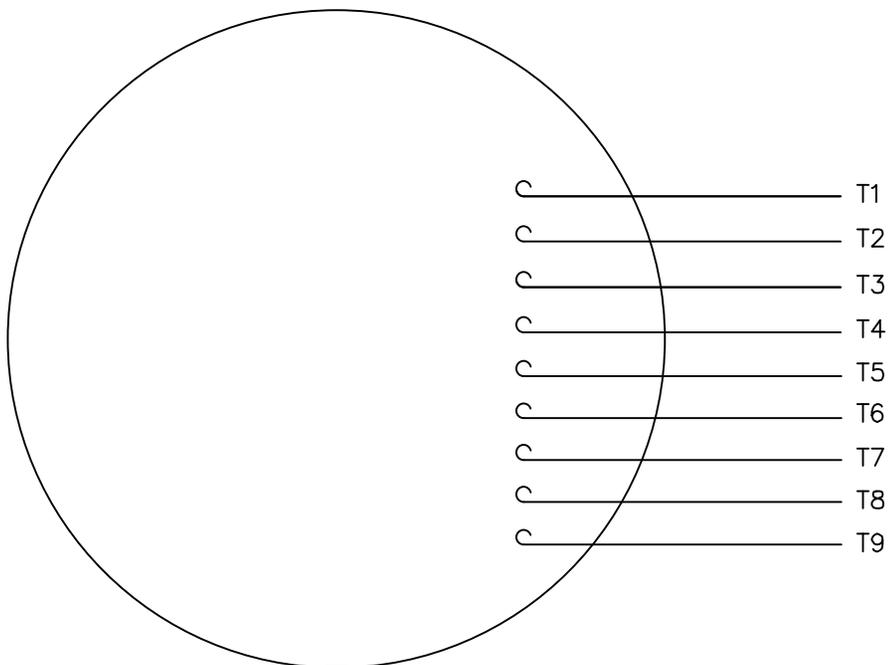
SHAFT DETAIL

DASH NO.	"C"	"AD"
850	17.38	3.38
900	17.88	3.88
950	18.38	4.38
1000	18.88	4.88
1050	19.38	5.38
1100	19.88	5.88
1150	20.38	6.38

MAXIMUM FACE RUNOUT TO BE .004 T.I.R.
 MAXIMUM PILOT ECCENTRICITY TO BE .004 T.I.R.
 PERMISSIBLE SHAFT RUNOUT TO BE .008 T.I.R.

		TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC		DRAWN
		DEC.	INCHES			RDW 9/20/02
		.X	±.1			CHK
03	NEW CONDUIT BOX 022737 .	YS	04/11/08	.XX	±.03	APPD SW 9/20/02
02	ADDED "CE" DECAL PER ECR 83426	RDW	4/26/04	SW	.XXX ±.005	SCALE 3=8
01	ADDED WARNING DECAL (139028)	MGM	2/6/03	KH	.XXXX ±.0005	REF
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FMF
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	9/20/02	FINISH	CAD FILE	PREV
					035446	SIZE B
						DRAWING NO. 035446
						REV. 03

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	SCALE 1=1					
		.XXX	±.005	REF FIG.2-51					
		.XXXX	±.0005	FMF					
NO.	REVISION	BY & DATE	CHK	ANG	±1/2'	FINISH	SIZE	DRAWING NO.	REV.
			RFP	04/12/02		CAD FILE	A	005010-01ME	
			DIST						



TITLE EXTERNAL WIRING DIAGRAM
3 PHASE W/O PROTECTOR
MAT'L. DECAL - 004014

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