

PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 184TTDR9308

Catalog No: C105

Other Purpose Motor, 7.50 & 5 HP, 3 Ph, 60 & 50 Hz, 208-230/460 & 190/380 V, 3600 & 3000 RPM,
184TC Frame, DP

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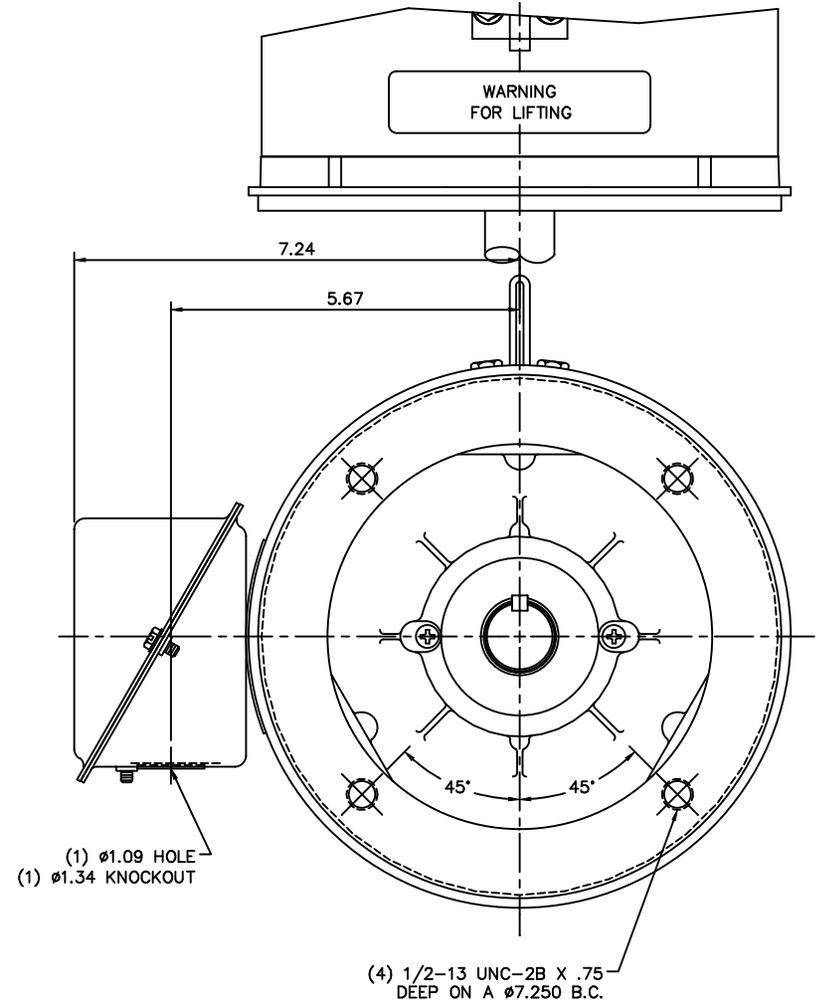
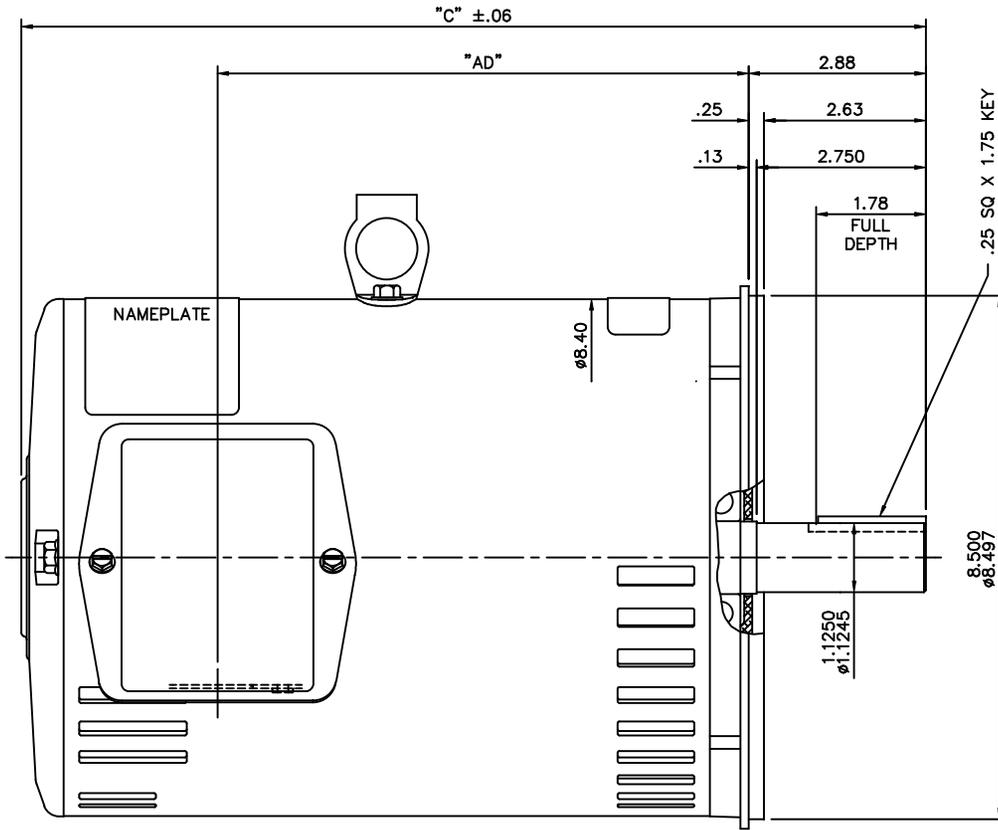
RegalRexnord

Nameplate Specifications

Phase	3	Output HP	7.50 & 5 Hp
Output KW	5.6 & 3.7 kW	Voltage	208-230/460 & 190/380 V
Speed	3505 & 2910 rpm	Service Factor	1.15 & 1.15
Frame	184TC	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	87.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	19-17.6/8.8 & 14/7 A	Power Factor	91
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
Mounting	Rigid Base	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	T
Overall Length	14.70 in	Frame Length	10.50 in
Shaft Diameter	1.125 in	Shaft Extension	2.75 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Connection Drawing	00501001ME	Outline Drawing	035445-1050



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 .002 T.I.R.

DASH NO.	"C"	"AD"
800	12.20	6.13
850	12.70	6.63
900	13.20	7.13
950	13.70	7.63
1000	14.20	8.13
1050	14.70	8.63
1100	15.20	9.13
1150	15.70	9.63

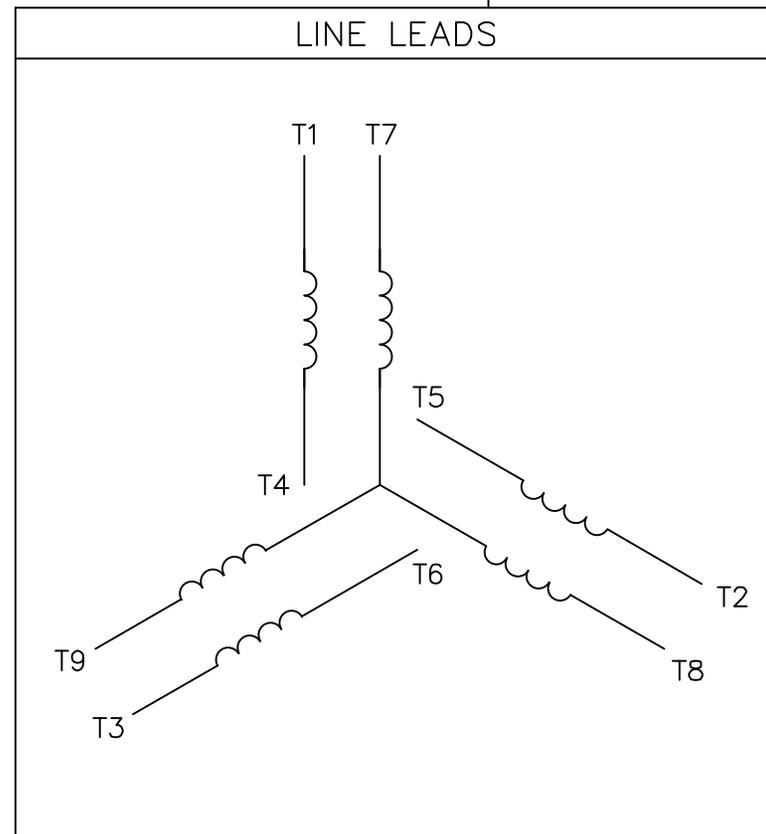
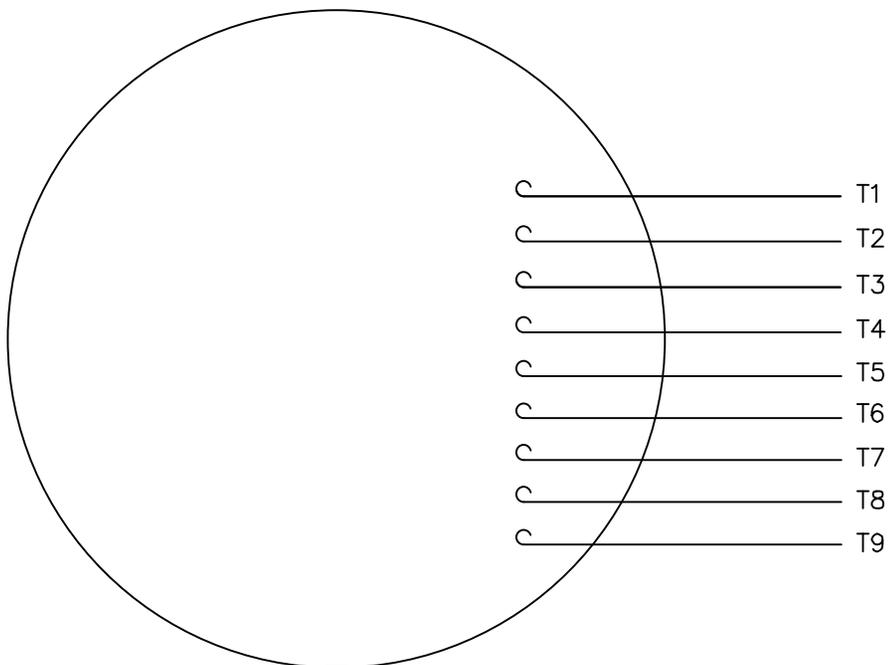
			TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC	DRAWN RDW 9/19/02	
DEC.	INCHES		CHK	ANG		APPD	SW 9/19/02
.X	±.1				TITLE	OUTLINE - 180T FRAME	
.XX	±.03					DRIP PROOF - "C" FACE	
.XXX	±.005				MAT'L	SCALE 1=2	
.XXXX	±.0005				REF	FMF	
01	ADDED WARNING DECAL (139016)		MGM	2/6/03	PREV		
NO.	REVISION		BY & DATE		FINISH		
			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	9/19/02	CAD FILE	035445	SIZE B
			DIST	NLV		DRAWING NO.	035445
						REV.	01

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ERROR: syntaxerror  
OFFENDING COMMAND: --nostringval--
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STACK:
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/im  
-savelevel-
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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		MARATHON ELECTRIC		DRAWN RDW 04/12/02			
		DEC.	INCHES			CHK	APPD		
		.X	±.1	TITLE EXTERNAL WIRING DIAGRAM 3 PHASE W/O PROTECTOR MAT'L. DECAL - 004014		SCALE 1=1			
		.XX	±.01			REF FIG.2-51			
		.XXX	±.005			FMF			
		.XXXX	±.0005			PREV			
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH	SIZE	DRAWING NO.	REV.
			RFP	04/12/02		CAD FILE	A	005010-01ME	

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