

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 184TTDR7611

Catalog No: Y302

Crop Dryer Motor, 5 & 7 HP, 3 Ph, 60 & 60 Hz, 208-220/440 & 208-220/440 V, 3600 & 3600 RPM,
184TZ Frame, DP



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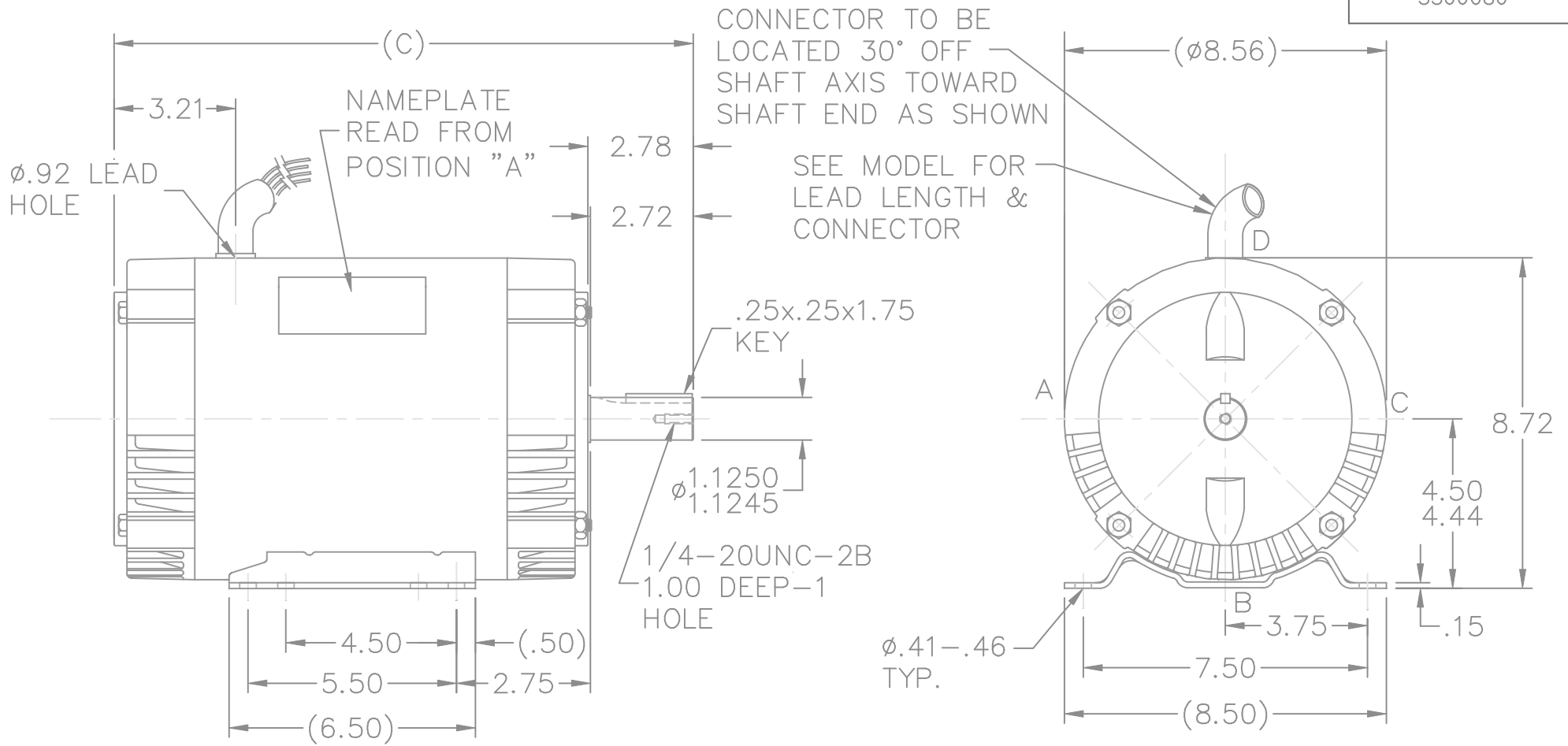
RegalRexnord

Nameplate Specifications

Phase	3	Output HP	5 & 7 Hp
Output KW	3.7 & 5.2 kW	Voltage	208-220/440 & 208-220/440 V
Speed	3510 & 3510 rpm	Service Factor	1.4 & 1.0
Frame	184TZ	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	87.6 & 87.6 %
Ambient Temperature	40 °C	Frequency	60 & 60 Hz
Current	15.8-15.6/7.8 & 20.1-19.9/9.9 A	Power Factor	77
Duty	Continuous	Insulation Class	F
Design Code	NO DESIGN CODE	KVA Code	K
Drive End Bearing Size	6206	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	N	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	2.21 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Single Special Extension	Overall Length	13.71 in
Frame Length	6.75 in	Shaft Diameter	1.125 in
Shaft Extension	2.38 in	Assembly/Box Mounting	F3
Connection Drawing	A-EE7308T	Outline Drawing	A-SS66086-675



DASH	FR.	C	MOUNTING
575	182T	12.71	F1 OR F2
675	182/4T	13.71	F1 OR F2
725	182/4T	14.21	F1 ONLY
775	182/4T	14.71	F1 ONLY

BOX CAN BE ROTATED IN 90° STEPS.

			TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC	DRAWN LZ 08-24-1994			
			DEC.	INCHES		CHK ML 08-29-1994	APPD GK 08-29-1994	SCALE 1=4	REF
7	REDRAWN IN AUTOCAD	TAT 06-13-2005	ML	.X	±.1	TITLE OUTLINE 180T FR. - BB - TS - DR.PR.			
6	REVISED MOUNTING CN 27400-320	BJW 11-12-1999		.XX	±.03				
5	ADDED MOUNTING TYPE CN 27451	DRS 05-03-1999		.XXX	±.005				
4	REMOVED EYEBOLT	BLR 11-08-1995		.XXXX	±.0005	MAT'L.			
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH			
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			DIST LB						

HIGH VOLTAGE



**THREE PHASE
DUAL VOLTAGE MOTOR**

THERMO-PROTECTORS
CONNECTED IN SERIES



NOTE FOR FACTORY USE ONLY:
TO SURGE TEST FOR COMMON CONNECT:
HIGH VOLT: CONNECT P1 TO T1
THEN P2 TO L1
LOW VOLT: CONNECT P1 TO T1 & T7,
THEN P2 TO L1

LOW VOLTAGE



VIEW OF TERMINAL END

NOTE: LEAD'S COLOR CAN BE YELLOW OR WHITE FOR MT2 PLANT

DRAWING REVISION T	REVISION BY ZR	DATE 01-14-2019		DRAWN BY SMC	Regal Beloit America, Inc.
ECO ECO-0159915	APPROVED BY DR	DATE 01-15-2019		DATE 05-13-1992	
ECO DESCRIPTION ADDED TERMINAL CONNECTION DIAGRAM				APPROVED BY TB	DESCRIPTION CONN DIAGRAM-INTERNAL 3 PHASE - DUAL VOLTAGE MOTOR
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			REFERENCE EE7308/EE7300	SIZE A	DRAWING NUMBER EE7308T
			THIRD ANGLE PROJECTION		