

# PRODUCT INFORMATION PACKET

**marathon**<sup>®</sup>  
Motors

Model No: 184TTTL7083

Catalog No: C404

Brake Motor, 2 & 1.50 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1200 & 1000 RPM, 184TC Frame, TENV

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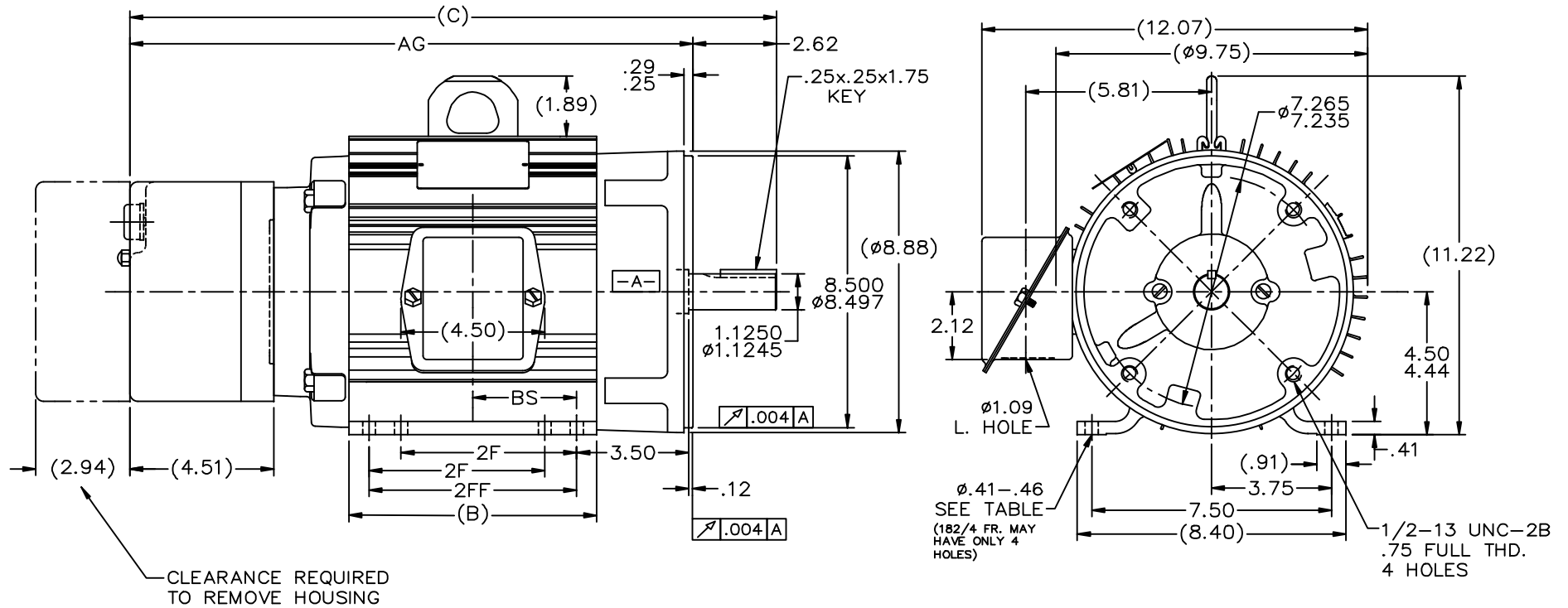
**RegalRexnord**

### Nameplate Specifications

Phase	<b>3</b>	Output HP	<b>2 &amp; 1.50 Hp</b>
Output KW	<b>1.5 &amp; 1.1 kW</b>	Voltage	<b>230/460 &amp; 190/380 V</b>
Speed	<b>1160 &amp; 965 rpm</b>	Service Factor	<b>1.15 &amp; 1.0</b>
Frame	<b>184TC</b>	Enclosure	<b>Totally Enclosed Non Ventilated</b>
Thermal Protection	<b>No Protection</b>	Efficiency	<b>82.5 &amp; 82.5 %</b>
Ambient Temperature	<b>40 °C</b>	Frequency	<b>60 &amp; 50 Hz</b>
Current	<b>6.6/3.3 &amp; 6.2/3.1 A</b>	Power Factor	<b>67.5</b>
Duty	<b>Continuous</b>	Insulation Class	<b>F</b>
Design Code	<b>B</b>	KVA Code	<b>L</b>
Drive End Bearing Size	<b>6207</b>	Opp Drive End Bearing Size	<b>6206</b>
UL	<b>Recognized</b>	CSA	<b>Y</b>
CE	<b>Y</b>	IP Code	<b>43</b>
Number of Speeds	<b>1</b>		

### Technical Specifications

Electrical Type	<b>Squirrel Cage Induction Run</b>	Starting Method	<b>Across The Line</b>
Poles	<b>6</b>	Rotation	<b>Reversible</b>
Resistance Main	<b>6.45 Ohms</b>	Mounting	<b>Rigid Base</b>
Motor Orientation	<b>Horizontal</b>	Drive End Bearing	<b>Ball</b>
Opp Drive End Bearing	<b>Ball</b>	Frame Material	<b>Aluminum</b>
Shaft Type	<b>T</b>	Overall Length	<b>19.23 in</b>
Frame Length	<b>6.75 in</b>	Shaft Diameter	<b>1.125 in</b>
Shaft Extension	<b>2.75 in</b>	Assembly/Box Mounting	<b>F1/F2 Capable</b>
Outline Drawing	<b>B-SS68966-675</b>	Connection Drawing	<b>A-EE7308</b>



NOTES:

1. BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS & TURNING FRAME 180°.
2. BOX CAN BE ROTATED IN 90° STEPS.
3. NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.

DASH	FR.	C	B	2FF	2F	BS	AG	FOOT HOLES	MOUNTING
575	182T	18.23	5.75	-	4.50	2.25	15.61	4	F1 OR F2
675	184T	19.23	6.75	5.50	-	2.75	16.61	4	F1 OR F2
720	182T	19.68	7.20	-	4.50	2.95	17.06	8	F1 OR F2
720	184T	19.68	7.20	-	5.50	2.95	17.06	4	F1 OR F2
775	184T	20.23	7.75	-	5.50	3.25	17.61	4	F1 OR F2
820	184T	20.68	8.20	-	5.50	3.45	18.06	8	F1 OR F2

NO.	REVISION	BY & DATE	CHK	ANG	FINISH	TOLERANCES UNLESS SPECIFIED	MARATHON ELECTRIC	DRAWING NO.	PAGE	OF	REV.	
												INCHES
9	DASH -720, 4 FOOT HOLES WERE 8	ECN #25076	WGJ	07-12-2012	EMH			06-22-2000				
8	UPDATED DRAWING		RJW	04-23-2007		DEC.		CHK	ML	06-29-2000		
7	REMOVE 5.50 FROM DASH 675 2F	CN32981	RJW	02-09-2005		.X	APPD	TB	06-30-2000			
6	REVISED CHART	CN33724	RJW	12-27-2004	ML	.XX	SCALE		5-16			
5	CHG. -720 2FF TO 5.5 AND -	CN2084B	RWR	03-26-2004	ML	.XXX	REF					
4	ADDED 2FF TO TABULATED CHART		TAT	01-30-2004	ML	.XXXX	FMF					
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							DIST	LB				

EE7308

THREE PHASE  
DUAL VOLTAGE MOTOR



VIEW OF TERMINAL END

REF.  
WINDING DIAGRAM

T8Y, T2Y, T2BL, T4BX, T2EC, T2G  
T6BZ, T2B, T6BL, T4AV, T6B, T4B

OPTIONAL CORD  
CONNECTION

L1 — WHITE  
L2 — RED  
L3 — BLACK

NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED		FINISH	DRAWN RM 11/20/1990				
					DEC.	INCHES						
5	CHG TO REGAL LOGO	SL 09/10/2015	AB					CHK ML 11/21/1990				
4	REVISED IEC NOTATIONS	MSG 11/15/2011	CMN	.X	±.1			APPD SAS 04/24/2003				
3	ADDED IEC NOTATIONS... (U1), (V1) ETC. MU95194	MSG 5/10/2010	MJS	.XX	±.02			SCALE 1=1				
2	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS	.XXX	±.005		TITLE CONNECTION DIAGRAM 3Ø - DUAL VOLTAGE MOTOR	REF				
1	REDRAWN	RM 11/20/1990		.XXXX	±.0005		MAT'L.	FMF				
					±7'30"			PREV				
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							DIST WP					

