

# PRODUCT INFORMATION PACKET

**marathon**<sup>®</sup>  
Motors

Model No: 184TTDR4135

Catalog No: E158

Close-Coupled Pump Motor, 5 & 3 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 & 1500 RPM,  
184JMV Frame, DP

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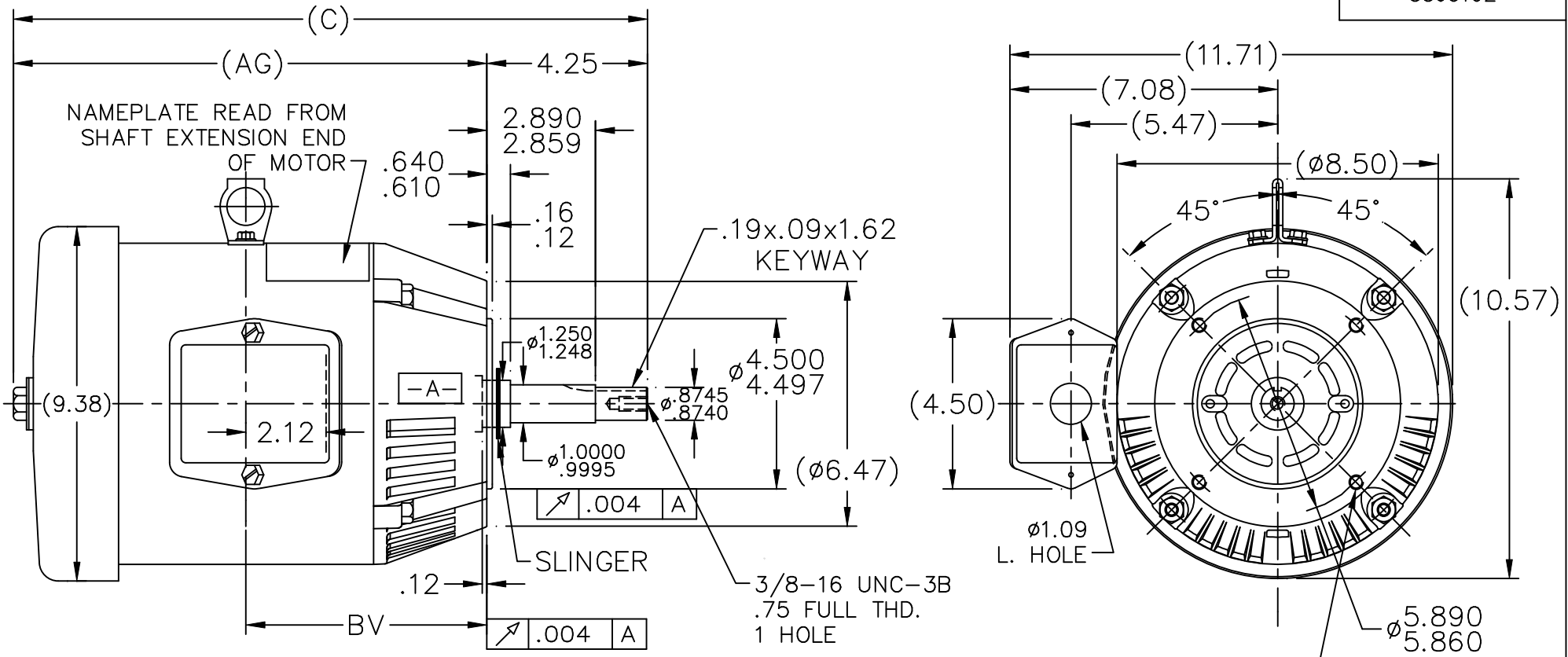
**RegalRexnord**

### Nameplate Specifications

Phase	<b>3</b>	Output HP	<b>5 &amp; 3 Hp</b>
Output KW	<b>3.7 &amp; 2.2 kW</b>	Voltage	<b>230/460 &amp; 190/380 V</b>
Speed	<b>1745 &amp; 1455 rpm</b>	Service Factor	<b>1.15 &amp; 1.15</b>
Frame	<b>184JMV</b>	Enclosure	<b>Drip Proof</b>
Thermal Protection	<b>No Protection</b>	Efficiency	<b>87.5 &amp; 87.5 %</b>
Ambient Temperature	<b>40 °C</b>	Frequency	<b>60 &amp; 50 Hz</b>
Current	<b>13.2/6.6 &amp; 10.4/5.2 A</b>	Power Factor	<b>81</b>
Duty	<b>Continuous</b>	Insulation Class	<b>B</b>
Design Code	<b>B</b>	KVA Code	<b>J</b>
Drive End Bearing Size	<b>6307</b>	Opp Drive End Bearing Size	<b>6205</b>
UL	<b>Recognized</b>	CSA	<b>Y</b>
CE	<b>Y</b>	IP Code	<b>22</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>4</b>	Rotation	<b>Reversible</b>
Resistance Main	<b>3.2 Ohms</b>	Mounting	<b>Round</b>
Motor Orientation	<b>Shaft Down</b>	Drive End Bearing	<b>Ball</b>
Opp Drive End Bearing	<b>Ball</b>	Frame Material	<b>Rolled Steel</b>
Shaft Type	<b>JM</b>	Overall Length	<b>17.28 in</b>
Frame Length	<b>7.25 in</b>	Shaft Diameter	<b>0.875 in</b>
Shaft Extension	<b>4.28 in</b>	Assembly/Box Mounting	<b>F1/F2 CAPABLE</b>
Connection Drawing	<b>A-EE7308</b>	Outline Drawing	<b>A-SS65192-725</b>



DASH	FR.	AG	C	BV	
575	182/4JM	11.53	15.78	5.88	
625	182/4JM	12.03	16.28	6.13	
675	182/4JM	12.53	16.78	6.38	
725	182/4JM	13.03	17.28	6.63	
775	182/4JM	13.53	17.78	6.88	
825	182/4JM	14.03	18.28	7.13	

BOX CAN BE ROTATED IN 90° STEPS.

NO.		REVISION		BY & DATE		CHK		ANG		±7'30"		FINISH		PREV					
12	UPDATED DRAWING			RJW	05-08-2007	ML	DEC.	INCHES		TOLERANCES UNLESS SPECIFIED		DRAWN SMC 06-09-1992		CHK MOL 06-23-1992					
11	REISSUE - RELOCATED NAMEPLATE GEOMETRY						.X	±.1		MARATHON ELECTRIC		APPD GK 06-23-1992		SCALE 1=4					
	ADDED DASH 625 MU38726, CN34025			DRS	08-30-2001		.XX	±.02		TITLE OUTLINE		REF		REF					
10	ADDED FR. SIZE TO ALL EXCEPT -575 CN27400-320			CAE	08-30-2001		.XXX	±.005		180JM FR.-BB-TS-DR.PR.-VERT.-C'FACE		FMF		PREV					
9	ADDED MOUNTING TYPE CN27451			DRS	04-30-1999		.XXXX	±.0005		MAT'L.		RFP		CAD FILE SS65192					
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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		TITLE CONNECTION DIAGRAM	SCALE 1=1				
2	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS	.XXX	±.005		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					



Regal Beloit America, Inc.