

# PRODUCT INFORMATION PACKET

**marathon**<sup>®</sup>  
Motors

Model No: 182TTDB7350

Catalog No: M1314

Other Purpose Motor, 3 & 2 HP, 3 Ph, 60 & 50 Hz, 208-230/460 & 190/380 V, 1800 & 1500 RPM,  
182JMV Frame, DP

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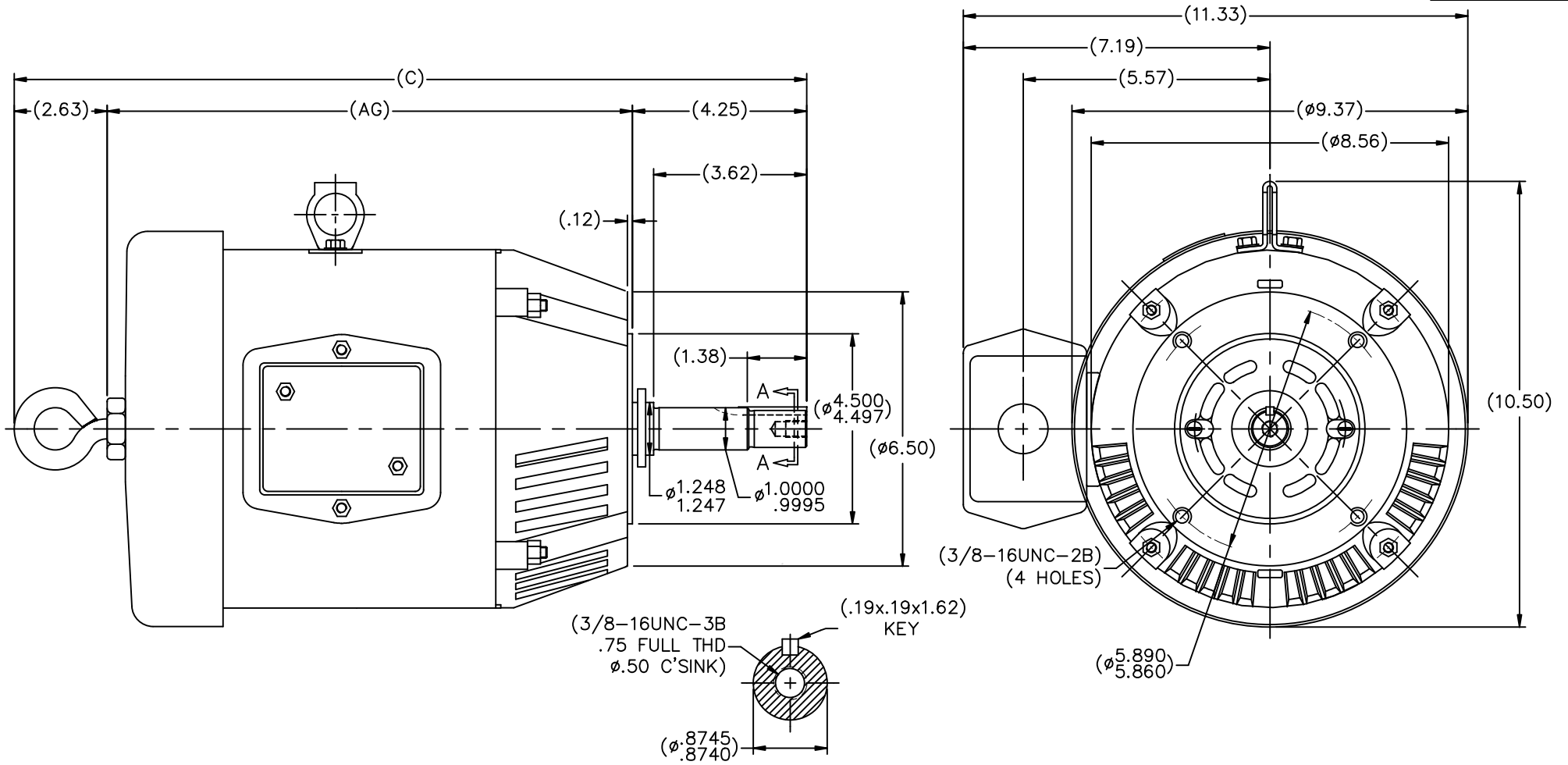
**RegalRexnord**

### Nameplate Specifications

Phase	<b>3</b>	Output HP	<b>3 &amp; 2 Hp</b>
Output KW	<b>2.2 &amp; 1.5 kW</b>	Voltage	<b>208-230/460 &amp; 190/380 V</b>
Speed	<b>1730 &amp; 1445 rpm</b>	Service Factor	<b>1.15 &amp; 1.15</b>
Frame	<b>182JMV</b>	Enclosure	<b>Drip Proof</b>
Thermal Protection	<b>No Protection</b>	Efficiency	<b>84 &amp; 84 %</b>
Ambient Temperature	<b>40 °C</b>	Frequency	<b>60 &amp; 50 Hz</b>
Current	<b>8.8-8.2/4.1 &amp; 7/3.5 A</b>	Power Factor	<b>82.5</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>5.7 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>19.10 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>B-SS620021</b>



SECTION A-A  
2x

(MAY NOT BE DRAWN TO SCALE)

182TTDR7601	182JMV-2	19.10	12.20
182TTDR7350	182JMV-4	18.10	11.20
184TTDR7325	184JMV-2	20.10	13.20
MODEL	FRAME	C	AG

		TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC		DRAWN MSG 02-16-2007	
		DEC.	INCHES			CHK	ML 02-22-2007
		.X	±.1			APPD	GK 02-22-2007
		.XX	±.03	TITLE OUTLINE		SCALE 7=16	
		.XXX	±.005	182/184JMV FR. - C'FACE		REF	
		.XXXX	±.0005	MAT'L		FMF	
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH	PREV
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				DIST			

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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