

# PRODUCT INFORMATION PACKET

**marathon**<sup>®</sup>  
Motors

Model No: 182TTDR7350

Catalog No: M314

Close-Coupled Pump 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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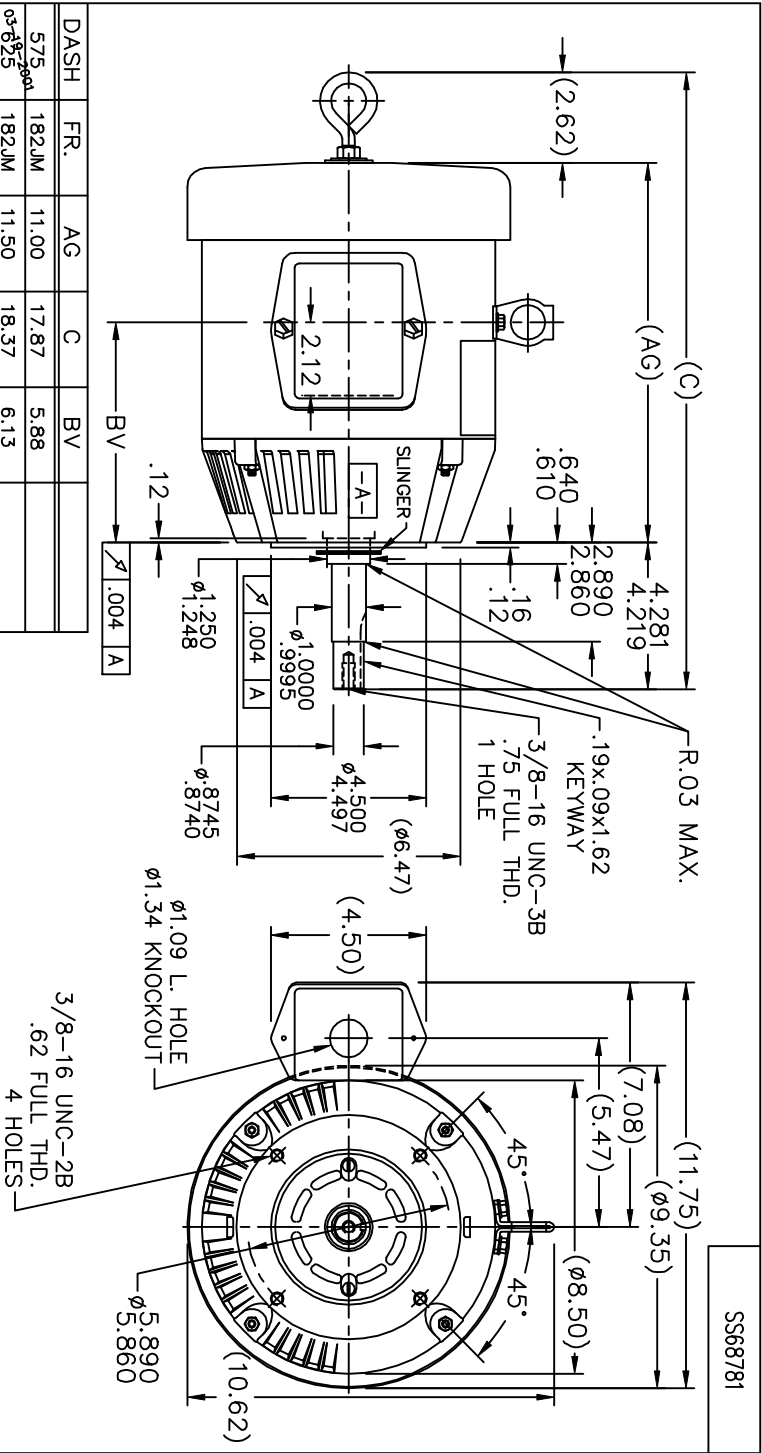
**RegalRexnord**

### 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; 1450 rpm</b>	Service Factor	<b>1.15 &amp; 1.0</b>
Frame	<b>182JMV</b>	Enclosure	<b>Drip Proof</b>
Thermal Protection	<b>No Protection</b>	Efficiency	<b>81.5 %</b>
Ambient Temperature	<b>40 °C</b>	Frequency	<b>60 &amp; 50 Hz</b>
Current	<b>9.4-9/4.5 &amp; 7.2/3.6 A</b>	Power Factor	<b>77.7</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>7.2 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>17.87 in</b>
Frame Length	<b>5.75 in</b>	Shaft Diameter	<b>0.875 in</b>
Shaft Extension	<b>4.28 in</b>	Assembly/Box Mounting	<b>F1/F2 CAPABLE</b>
Outline Drawing	<b>A-SS68781-575</b>	Connection Drawing	<b>A-EE7308</b>



NOTES:  
 1. CONDUIT BOX CAN BE ROTATED IN 90° STEPS.  
 2. NAMEPLATE TO BE READ FROM SHAFT EXTENSION  
 END OF MOTOR.

DASH	FR.	AG	C	BV
575	182JM	11.00	17.87	5.88
625	182JM	11.50	18.37	6.13
675	182/4JM	12.00	18.87	6.38
725	182/4JM	12.50	19.37	6.13
775	182/4JM	13.00	19.87	6.88
825	182/4JM	13.50	20.37	7.13

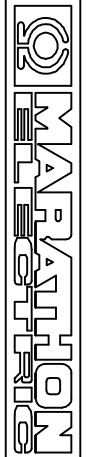
UNLESS OTHERWISE SPECIFIED		TOLERANCES	
DEC.		INCHES	
	X	±.1	
	.XX	±.03	
	.XXX	±.005	
	.XXXX	±.0005	
	ANG	±7'30"	

7	UPDATED DRAWING	RAW	05-15-2007
6	REISSUE - RELOCATED NAMEPLATE GEOMETRY CN34025	DRS	08-30-2001
5	ADDED LIFT LUG	DHS	07-20-2001
4	REVISED "C" DIMENSIONS	CAV	01-07-2000
NO.	REVISION	BY & DATE	

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	CHK	ANG	±7'30"
	FINISH	CAD FILE	SS68781
SIZE	DRAWING NO.	PAGE	OF
A	SS68781	SS68781	7



TITLE OUTLINE  
 180JUM - DR. PR. - VERT. - C'FACE

DRAWN	MRB	04-21-1999
CHK	ML	04-22-1999
APPD	PH	04-22-1999
SCALE	1=4	
REF		
FINF		
PREV		

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					



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