

# PRODUCT INFORMATION PACKET

**marathon**<sup>®</sup>  
Motors

Model No: 184TTFW14026

Catalog No: M879A

5 HP Vertical Solid Shaft P-Base Motor, 3 phase, 1800 RPM, 230/460 V, 184HPV Frame, TEFC  
Vertical Pump Motors

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### Nameplate Specifications

Output HP	<b>5 Hp</b>	Output KW	<b>3.7 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>230/460 V</b>
Current	<b>13.0/6.5 A</b>	Speed	<b>1745 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>3</b>
Efficiency	<b>87.5 %</b>	Power Factor	<b>82.5</b>
Duty	<b>Continuous</b>	Insulation Class	<b>F</b>
Design Code	<b>B</b>	KVA Code	<b>J</b>
Frame	<b>184HPV</b>	Enclosure	<b>Totally Enclosed Fan Cooled</b>
Thermal Protection	<b>No</b>	Ambient Temperature	<b>40 °C</b>
Drive End Bearing Size	<b>207</b>	Opp Drive End Bearing Size	<b>205</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>4</b>	Rotation	<b>Reversible</b>
Resistance Main	<b>3.05 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>HP</b>	Overall Length	<b>20.05 in</b>
Frame Length	<b>7.75 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>A-SS69314-775</b>	Connection Drawing	<b>A-EE7308</b>





NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED		FINISH	DRAWN RM	ML	REV.		
					DEC.	INCHES						
5	CHG TO REGAL LOGO	SL 09/10/2015	AB					RM	11/20/1990			
4	REVISED IEC NOTATIONS	MSG 11/15/2011	CMN	.X	±.1			CHK	ML	11/21/1990		
3	ADDED IEC NOTATIONS... (U1), (V1) ETC. MU95194	MSG 5/10/2010	MJS	.XX	±.02			APPD	SAS	04/24/2003		
2	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS	.XXX	±.005				SCALE	1=1		
1	REDRAWN	RM 11/20/1990		.XXXX	±.0005				REF			
					±7'30"				FMP			
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							DIST	WP		A	EE7308	5



TITLE CONNECTION DIAGRAM  
3Ø - DUAL VOLTAGE MOTOR