marathon®

General Purpose Motors

Model No: 131545.00
Catalog No: 131545.00

General Purpose Motor, 3 HP, 1 Ph, 60 Hz, 115/208-230 V, 1800 RPM, 184TC Frame, TEFC

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Nameplate Specifications

Phase	**1**	Output HP	**3 Hp**
Output KW	**2.2 kW**	Voltage	**115/208-230 V**
Speed	**1740 r/min**	Synchronous RPM	**1800 r/min**
Service Factor	**1.00**	Frame	**184TC**
Enclosure	**Totally Enclosed Fan Cooled**	Thermal Protection	**No Protection**
Efficiency	**77 %**	Ambient Temperature	**40 °C**
Frequency	**60 Hz**	Current	**33.6/18.0-16.8 A**
Power Factor	**75**	Duty	**Continuous**
Insulation Class	**F**	Design Code	**L**
KVA Code	**J**	Drive End Bearing Size	**6206**
Opp Drive End Bearing Size	**6205**	UL	**Recognized**
CSA	**Y**	CE	**Y**
IP Code	**43**	Number of Speeds	**1**

Technical Specifications

Electrical Type	**Capacitor Start Induction Run**	Starting Method	**Across The Line**
Poles	**4**	Rotation	**Selective Counterclockwise**
Resistance Main	**.642 O**	Mounting	**Round**
Motor Orientation	**Horizontal**	Drive End Bearing	**Ball**
Opp Drive End Bearing	**Ball**	Frame Material	**Rolled Steel**
Shaft Type	**T**	Overall Length	**16.47 in**
Frame Length	**11.0 in**	Shaft Diameter	**1 1/8 in**
Shaft Extension	**2.75 in**	Assembly/Box Mounting	**F1 Only**

Drawings

Connection Drawing	**005062.01**	Outline Drawing	**035746-1100**

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