marathon®

General Purpose Motors

Model No: 131778.00
Catalog No: 131778.00

General Purpose Motor, 5 HP, 1 Ph, 60 Hz, 230 V, 3600 RPM, 184TC Frame, TEFC

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Nameplate Specifications

Phase	**1**	Output HP	**5 Hp**
Output KW	**3.7 kW**	Voltage	**230 V**
Speed	**3500 r/min**	Synchronous RPM	**3600 r/min**
Service Factor	**1.15**	Frame	**184TC**
Enclosure	**Totally Enclosed Fan Cooled**	Thermal Protection	**No Protection**
Efficiency	**82.5 %**	Ambient Temperature	**40 °C**
Frequency	**60 Hz**	Current	**19.8 A**
Power Factor	**98**	Duty	**Continuous**
Insulation Class	**F**	Design Code	**L**
KVA Code	**H**	Drive End Bearing Size	**6206**
Opp Drive End Bearing Size	**6205**	UL	**Recognized**
CSA	**Y**	CE	**N**
IP Code	**43**	Number of Speeds	**1**

Technical Specifications

Electrical Type	**Capacitor Start Capacitor Run**	Starting Method	**Across The Line**
Poles	**2**	Rotation	**Reversible**
Resistance Main	**.342 O**	Mounting	**Round**
Motor Orientation	**Horizontal**	Drive End Bearing	**Ball**
Opp Drive End Bearing	**Ball**	Frame Material	**Rolled Steel**
Shaft Type	**T**	Overall Length	**16.97 in**
Frame Length	**11.5 in**	Shaft Diameter	**1 1/8 in**
Shaft Extension	**2.75 in**	Assembly/Box Mounting	**F1 Only**

Drawings

Connection Drawing	**005018.01**	Outline Drawing	**035746-1150**

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