marathon®

General Purpose Motors

Model No: 182TTFHD6080
Catalog No: GT7505

General Purpose Motor, 1.50 & 1.50 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1200 RPM, 182T Frame, TEFC

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Nameplate Specifications

Phase	**3**	Output HP	**1.50 & 1.50 Hp**
Output KW	**1.1 & 1.1 kW**	Voltage	**230/460 & 190/380 V**
Speed	**1175 & 975 r/min**	Synchronous RPM	**1200 & 1000 r/min**
Service Factor	**1.25 & 1.15**	Frame	**182T**
Enclosure	**Totally Enclosed Fan Cooled**	Thermal Protection	**No Protection**
Efficiency	**87.5 & 86.8 %**	Ambient Temperature	**40 °C**
Frequency	**60 & 50 Hz**	Current	**4.6/2.3 & 5.4/2.7 A**
Power Factor	**70**	Duty	**Continuous**
Insulation Class	**F**	Design Code	**A**
KVA Code	**N**	Drive End Bearing Size	**6206**
Opp Drive End Bearing Size	**6205**	UL	**Listed**
CSA	**Y**	CE	**Y**
IP Code	**55**	Number of Speeds	**1**
Hazardous Location	**DIVISION 2 T2B**		

Technical Specifications

Electrical Type	**Squirrel Cage Inverter Rated**	Starting Method	**Line Or Inverter**
Poles	**6**	Rotation	**Reversible**
Resistance Main	**6.995 O**	Mounting	**Rigid Base**
Motor Orientation	**Horizontal**	Drive End Bearing	**Ball**
Opp Drive End Bearing	**Ball**	Frame Material	**Aluminum**
Shaft Type	**T**	Assembly/Box Mounting	**F1/F2 Capable**
Inverter Load	**Constant 10:1/Variable 10:1**		

Drawings

Connection Drawing	**EE7308**	Outline Drawing	**SS621247-100**

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