marathon®

General Purpose Motors

Model No: 405TTFC6036
Catalog No: GT1046

General Purpose Motor, 100 & 75 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 RPM, 405T Frame, TEFC

©2026 Marathon, All Rights Reserved.

marathon®

Product Information Packet: Model No: 405TTFC6036, Catalog No: GT1046 General Purpose Motor, 100 & 75 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 RPM, 405T Frame, TEFC

Nameplate Specifications

Phase	**3**	Output HP	**100 & 75 Hp**
Output KW	**75.0 & 56.0 kW**	Voltage	**230/460 & 190/380 V**
Speed	**1785 & 1488 r/min**	Synchronous RPM	**1800 & 1500 r/min**
Service Factor	**1.15 & 1.15**	Frame	**405T**
Enclosure	**Totally Enclosed Fan Cooled**	Thermal Protection	**No Protection**
Efficiency	**95.4 & 95 %**	Ambient Temperature	**40 °C**
Frequency	**60 & 50 Hz**	Current	**224/112 & 204/102 A**
Power Factor	**88**	Duty	**Continuous**
Insulation Class	**F**	Design Code	**B**
KVA Code	**G**	Drive End Bearing Size	**6316**
Opp Drive End Bearing Size	**6315**	UL	**Recognized**
CSA	**Y**	CE	**Y**
IP Code	**44**	Number of Speeds	**1**

Technical Specifications

Electrical Type	**Squirrel Cage Inverter Rated**	Starting Method	**Wye Start Delta Run Or Inverter**
Poles	**4**	Rotation	**Reversible**
Resistance Main	**.045 O**	Mounting	**Rigid Base**
Motor Orientation	**Horizontal**	Drive End Bearing	**Ball**
Opp Drive End Bearing	**Ball**	Frame Material	**Cast Iron**
Shaft Type	**T**	Overall Length	**42.72 in**
Shaft Diameter	**2 7/8 in**	Shaft Extension	**7.25 in**
Assembly/Box Mounting	**F1/F2 Capable**	Inverter Load	**Variable 10:1**

Drawings

Connection Drawing	**A-EE7308AA**	Outline Drawing	**SS620286-405T**

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created: 16/10/2026