marathon®

General Purpose Motors

Model No: 444TTFN16102
Catalog No: L428A

General Purpose Motor, 75 & 60 HP, 3 Ph, 60 & 50 Hz, 460 & 380 V, 900 RPM, 444T Frame, TEFC

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Nameplate Specifications

Phase	**3**	Output HP	**75 & 60 Hp**
Output KW	**56.0 & 45.0 kW**	Voltage	**460 & 380 V**
Speed	**890 & 740 r/min**	Synchronous RPM	**900 & 750 r/min**
Service Factor	**1.15 & 1.15**	Frame	**444T**
Enclosure	**Totally Enclosed Fan Cooled**	Thermal Protection	**No Protection**
Efficiency	**93.6 & 93 %**	Ambient Temperature	**40 °C**
Frequency	**60 & 50 Hz**	Current	**102 & 98 A**
Power Factor	**74**	Duty	**Continuous**
Insulation Class	**F**	Design Code	**B**
KVA Code	**F**	Drive End Bearing Size	**6319**
Opp Drive End Bearing Size	**6319**	UL	**Recognized**
CSA	**Y**	CE	**Y**
IP Code	**43**	Number of Speeds	**1**

Technical Specifications

Electrical Type	**Squirrel Cage Induction Run**	Starting Method	**Across The Line**
Poles	**8**	Rotation	**Reversible**
Resistance Main	**.088 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	**41.34 in**
Frame Length	**18.25 in**	Shaft Diameter	**3 3/8 in**
Shaft Extension	**8.75 in**	Assembly/Box Mounting	**F1/F2 Capable**

Drawings

Connection Drawing	**A-EE7300**	Outline Drawing	**SS559025-2025**

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