Fire Pump Motors

Model No: 405TSTDCD4332
Catalog No: U532A

Fire Pump Motor, 125 & 100 HP, 3 Ph, 60 & 50 Hz, 460 & 380-400 V, 1800 RPM, 405TS Frame, DP

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Nameplate Specifications

Phase	**3**	Output HP	**125 & 100 Hp**
Output KW	**93.0 & 75.0 kW**	Voltage	**460 & 380-400 V**
Speed	**1785 & 1485 r/min**	Synchronous RPM	**1800 & 1500 r/min**
Service Factor	**1.15 & 1.15**	Frame	**405TS**
Enclosure	**Drip Proof**	Thermal Protection	**No Protection**
Efficiency	**94.5 & 94.1 %**	Ambient Temperature	**50 °C**
Frequency	**60 & 50 Hz**	Current	**142 & 138-132 A**
Power Factor	**87**	Duty	**Continuous**
Insulation Class	**F**	Design Code	**B**
KVA Code	**F**	Drive End Bearing Size	**6316**
Opp Drive End Bearing Size	**6315**	UL	**Listed**
CSA	**Y**	CE	**Y**
IP Code	**23**	Number of Speeds	**1**

Technical Specifications

Electrical Type	**Squirrel Cage Induction Run**	Starting Method	**Part Wdg Start & Wye Start Delta Run**
Poles	**4**	Rotation	**Reversible**
Resistance Main	**.065 O**	Mounting	**Rigid Base**
Motor Orientation	**Horizontal**	Drive End Bearing	**Ball**
Opp Drive End Bearing	**Ball**	Frame Material	**Cast Iron**
Shaft Type	**TS**	Overall Length	**35.44 in**
Frame Length	**21.25 in**	Shaft Diameter	**2 1/8 in**
Shaft Extension	**4.25 in**	Assembly/Box Mounting	**F1/F2 Capable**

Drawings

Connection Drawing	**EE7300BH**	Outline Drawing	**SS620752-405TS**

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