Severe Duty Motors

Model No: 824558.00
Catalog No: 824558.00

Severe Duty Motor, 15 & 12.50 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1200 RPM, 284TV Frame, TEAO

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Nameplate Specifications

Phase	**3**	Output HP	**15 & 12.50 Hp**
Output KW	**11.2 & 9.3 kW**	Voltage	**230/460 & 190/380 V**
Speed	**1178 & 978 r/min**	Synchronous RPM	**1200 & 1000 r/min**
Service Factor	**1.15 & 1.00**	Frame	**284TV**
Enclosure	**Totally Enclosed Air Over**	Thermal Protection	**No Protection**
Efficiency	**91.7 & 91 %**	Ambient Temperature	**40 °C**
Frequency	**60 & 50 Hz**	Current	**41/20.4 & 41/20.5 A**
Power Factor	**75**	Duty	**Continuous**
Insulation Class	**F**	Design Code	**B**
KVA Code	**G**	Drive End Bearing Size	**6311**
Opp Drive End Bearing Size	**6210**	UL	**Recognized**
CSA	**Y**	CE	**Y**
IP Code	**56**	Number of Speeds	**1**

Technical Specifications

Electrical Type	**Squirrel Cage Inverter Rated**	Starting Method	**Line Or Inverter**
Poles	**6**	Rotation	**Reversible**
Resistance Main	**.5026 O**	Mounting	**Rigid Base**
Motor Orientation	**Horizontal Or Up Or Down**	Drive End Bearing	**Ball**
Opp Drive End Bearing	**Ball**	Frame Material	**Cast Iron**
Shaft Type	**T**	Overall Length	**26.97 in**
Frame Length	**14.25 in**	Shaft Diameter	**1 7/8 in**
Shaft Extension	**4.62 in**	Assembly/Box Mounting	**F1/F2 Capable**
Inverter Load	**Variable 10:1**		

Drawings

Connection Drawing	**EE7308**	Outline Drawing	**SS312689-1425**

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