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Severe Duty Motors

Model No: 182THTCD9010
Catalog No: W017-P

Severe Duty Motor, 3 HP, 3 Ph, 60 Hz, 460 V, 3600 RPM, 182TCV Frame, TENV

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Product Information Packet: Model No: 182THTCD9010, Catalog No: W017-P Severe Duty Motor, 3 HP, 3 Ph, 60 Hz, 460 V, 3600 RPM, 182TCV Frame, TENV

Nameplate Specifications

Phase	**3**	Output HP	**3 Hp**
Output KW	**2.2 kW**	Voltage	**460 V**
Speed	**3527 r/min**	Synchronous RPM	**3600 r/min**
Service Factor	**1.15**	Frame	**182TCV**
Enclosure	**Totally Enclosed Non Ventilated**	Thermal Protection	**No Protection**
Efficiency	**89.5 %**	Ambient Temperature	**40 °C**
Frequency	**60 Hz**	Current	**3.5 A**
Power Factor	**89**	Duty	**Continuous**
Insulation Class	**H**	Design Code	**B**
KVA Code	**K**	Drive End Bearing Size	**6206**
Opp Drive End Bearing Size	**6205**	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	**2**	Rotation	**Reversible**
Resistance Main	**4.49 O**	Mounting	**Round**
Motor Orientation	**Horizontal Or Shaft Down**	Drive End Bearing	**Ball**
Opp Drive End Bearing	**Ball**	Frame Material	**Cast Iron**
Shaft Type	**T**	Assembly/Box Mounting	**F1/F2 Capable**
Inverter Load	**Constant 2:1/Variable 10:1**		

Drawings

Connection Drawing	**EE7300**	Outline Drawing	**SS621285**

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