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Kiln Duty Motors

Model No: 182TTTCD18532
Catalog No: S506A

Kiln Duty Motor, 3 HP, 3 Ph, 60 Hz, 460 V, 1800 RPM, 182T Frame, TEAO

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Product Information Packet: Model No: 182TTTCD18532, Catalog No: S506A Kiln Duty Motor, 3 HP, 3 Ph, 60 Hz, 460 V, 1800 RPM, 182T Frame, TEAO

Nameplate Specifications

Phase	**3**	Output HP	**3 Hp**
Output KW	**2.2 kW**	Voltage	**460 V**
Speed	**1762 r/min**	Synchronous RPM	**1800 r/min**
Service Factor	**1.15**	Frame	**182T**
Enclosure	**Totally Enclosed Air Over**	Thermal Protection	**Thermostat**
Efficiency	**89.5 %**	Ambient Temperature	**90 °C**
Frequency	**60 Hz**	Current	**3.9 A**
Power Factor	**80**	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	**55**		

Technical Specifications

Electrical Type	**Squirrel Cage Inverter Rated**	Starting Method	**Line Or Inverter**
Poles	**4**	Rotation	**Reversible**
Resistance Main	**3.793 O**	Mounting	**Rigid Base**
Motor Orientation	**Horizontal**	Drive End Bearing	**Ball / Heat Stabilized**
Opp Drive End Bearing	**Ball / Heat Stabilized**	Frame Material	**Cast Iron**
Shaft Type	**T**	Shaft Diameter	**1.125 in**
Assembly/Box Mounting	**F1/F2 Capable**	Inverter Load	**Variable 20:1**

Drawings

Connection Drawing	**EE7300T**	Outline Drawing	**SS600211-100**

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