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Inverter (Vector) Duty Motors

Model No: 182THTHD17041
Catalog No: Y286B

Inverter (Vector) Duty Motor, 3 HP, 3 Ph, 60 Hz, 230/460 V, 1800 RPM, 182TC Frame, TENV

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Product Information Packet: Model No: 182THTHD17041, Catalog No: Y286B Inverter (Vector) Duty Motor, 3 HP, 3 Ph, 60 Hz, 230/460 V, 1800 RPM, 182TC Frame, TENV

Nameplate Specifications

Phase	**3**	Output HP	**3 Hp**
Output KW	**2.2 kW**	Voltage	**230/460 V**
Speed	**1765 r/min**	Synchronous RPM	**1800 r/min**
Service Factor	**1.00**	Frame	**182TC**
Enclosure	**Totally Enclosed Non Ventilated**	Thermal Protection	**No Protection**
Efficiency	**89.5 %**	Ambient Temperature	**40 °C**
Frequency	**60 Hz**	Current	**8.0/4.0 A**
Power Factor	**79**	Duty	**Continuous**
Insulation Class	**H**	Design Code	**INV**
KVA Code	**L**	Drive End Bearing Size	**6206**
Opp Drive End Bearing Size	**6306**	UL	**Recognized**
CSA	**Y**	CE	**Y**
IP Code	**55**		

Technical Specifications

Electrical Type	**Squirrel Cage Inverter Duty**	Starting Method	**Inverter Only**
Poles	**4**	Rotation	**Reversible**
Resistance Main	**3.542 O**	Mounting	**Rigid Base**
Motor Orientation	**Horizontal**	Drive End Bearing	**Ball**
Opp Drive End Bearing	**Ball**	Frame Material	**Aluminum**
Shaft Type	**T**	Assembly/Box Mounting	**F1/F2 Capable**
Inverter Load	**Constant 1000:1**		

Drawings

Connection Drawing	**EE7308**	Outline Drawing	**SS621253-100**

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