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Inverter (Vector) Duty Motors

Model No: 143THTBD5375
Catalog No: Y556A

Inverter (Vector) Duty Motor, 1 HP, 3 Ph, 60 Hz, 575 V, 1800 RPM, 143TCZ Frame, TENV

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Nameplate Specifications

Phase	**3**	Output HP	**1 Hp**
Output KW	**0.75 kW**	Voltage	**575 V**
Speed	**1750 r/min**	Synchronous RPM	**1800 r/min**
Service Factor	**1.00**	Frame	**143TCZ**
Enclosure	**Totally Enclosed Non Ventilated**	Thermal Protection	**Thermostat**
Efficiency	**84 %**	Ambient Temperature	**40 °C**
Frequency	**60 Hz**	Current	**1.2 A**
Power Factor	**73**	Duty	**Continuous**
Insulation Class	**F**	Design Code	**INV**
KVA Code	**M**	Drive End Bearing Size	**6205**
Opp Drive End Bearing Size	**6205**	UL	**Recognized**
CSA	**Y**	CE	**Y**
IP Code	**43**		

Technical Specifications

Electrical Type	**Squirrel Cage Inverter Duty**	Starting Method	**Inverter Only**
Poles	**4**	Rotation	**Reversible**
Resistance Main	**17.7 O**	Mounting	**Bolt-on Base**
Motor Orientation	**Horizontal**	Drive End Bearing	**Ball**
Opp Drive End Bearing	**Ball**	Frame Material	**Rolled Steel**
Shaft Type	**Single Special Extension**	Shaft Diameter	**0.625 in**
Assembly/Box Mounting	**F1/F2 Capable**	Inverter Load	**Constant 1000:1**

Drawings

Connection Drawing	**EE7300T**	Outline Drawing	**SS621089-800**

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