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Inverter (Vector) Duty Motors

Model No: 254THECD8058
Catalog No: Y982A

Inverter (Vector) Duty Motor, 7.50 HP, 3 Ph, 60 Hz, 230/460 V, 1800 RPM, 254TC Frame, EPNV

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Nameplate Specifications

Phase	**3**	Output HP	**7.50 Hp**
Output KW	**5.6 kW**	Voltage	**230/460 V**
Speed	**1775 r/min**	Synchronous RPM	**1800 r/min**
Service Factor	**1.00**	Frame	**254TC**
Enclosure	**Explosion Proof Non Ventilated**	Thermal Protection	**Thermostat**
Efficiency	**91.7 %**	Ambient Temperature	**40 °C**
Frequency	**60 Hz**	Current	**19.0/9.5 A**
Power Factor	**80.5**	Duty	**Continuous**
Insulation Class	**F**	Design Code	**INV**
KVA Code	**M**	Drive End Bearing Size	**6309**
Opp Drive End Bearing Size	**6309**	UL	**UL Listed And CSA Certified**
CSA	**Y**	CE	**N**
IP Code	**54**	Number of Speeds	**1**
Hazardous Location	**DIV 1 EXP PROOF CL I GR CD CL II GR FG T3B**		

Technical Specifications

Electrical Type	**Squirrel Cage Inverter Duty**	Starting Method	**Inverter Only**
Poles	**4**	Rotation	**Reversible**
Resistance Main	**1.074 O**	Mounting	**Rigid Base**
Motor Orientation	**Horizontal**	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 2000:1**		

Drawings

Connection Drawing	**EE7308T**	Outline Drawing	**SS203518-1050**

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