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Inverter (Vector) Duty Motors

Model No: LM31463
Catalog No: LM31463

Inverter (Vector) Duty Motor, 7.50 HP, 3 Ph, 60 Hz, 230/460 V, 1800 RPM, 215TC Frame, TENV

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Nameplate Specifications

Phase	**3**	Output HP	**7.50 Hp**
Output KW	**5.6 kW**	Voltage	**230/460 V**
Speed	**1765 r/min**	Synchronous RPM	**1800 r/min**
Service Factor	**1.00**	Frame	**215TC**
Enclosure	**Totally Enclosed Non Ventilated**	Thermal Protection	**Thermostat**
Efficiency	**90.2 %**	Ambient Temperature	**40 °C**
Frequency	**60 Hz**	Current	**21.0/10.5 A**
Power Factor	**76**	Duty	**Continuous**
Insulation Class	**F**	Design Code	**INV**
KVA Code	**L**	Drive End Bearing Size	**6208**
Opp Drive End Bearing Size	**6206**	UL	**Recognized**
CSA	**Y**	CE	**Y**
IP Code	**43**	Number of Speeds	**1**

Technical Specifications

Electrical Type	**Squirrel Cage Inverter Duty**	Starting Method	**Inverter Only**
Poles	**4**	Rotation	**Reversible**
Resistance Main	**1.02 O**	Mounting	**Rigid Base**
Motor Orientation	**Horizontal**	Drive End Bearing	**Ball**
Opp Drive End Bearing	**Ball**	Frame Material	**Aluminum**
Shaft Type	**T**	Overall Length	**22.54 in**
Frame Length	**9.5 in**	Shaft Diameter	**1 3/8 in**
Shaft Extension	**3.13 in**	Assembly/Box Mounting	**F1/F2 Capable**
Inverter Load	**Constant 100:1**		

Drawings

Connection Drawing	**EE7308T**	Outline Drawing	**SS330210-950**

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