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Cooling Tower Motors

Model No: 445TTFCD16852
Catalog No: U882B

Cooling Tower Motor, 200 & 150 HP, 3 Ph, 60 & 50 Hz, 460 & 380 V, 1800 RPM, 445T Frame, TEFC

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Nameplate Specifications

Phase	**3**	Output HP	**200 & 150 Hp**
Output KW	**149.0 & 112.0 kW**	Voltage	**460 & 380 V**
Speed	**1790 & 1490 r/min**	Synchronous RPM	**1800 & 1500 r/min**
Service Factor	**1.15 & 1.15**	Frame	**445T**
Enclosure	**Totally Enclosed Fan Cooled**	Thermal Protection	**No Protection**
Efficiency	**96.5 & 95.8 %**	Ambient Temperature	**40 °C**
Frequency	**60 & 50 Hz**	Current	**219 & 200 A**
Power Factor	**88.5**	Duty	**Continuous**
Insulation Class	**H**	Design Code	**B**
KVA Code	**G**	Drive End Bearing Size	**6319**
Opp Drive End Bearing Size	**6317**	UL	**Recognized**
CSA	**Y**	CE	**Y**
IP Code	**55**	Number of Speeds	**1**

Technical Specifications

Electrical Type	**Squirrel Cage Inverter Rated**	Starting Method	**Line Or Inverter**
Poles	**4**	Rotation	**Reversible**
Resistance Main	**.0184 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 2:1/Variable 10:1**		

Drawings

Connection Drawing	**EE7300**	Outline Drawing	**SS557888**

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