Fan and Blower Motors

Model No: 140445.00
Catalog No: 140445.00

Fan and Blower Motor, 5 & 2.50 HP, 3 Ph, 60 & 60 Hz, 460 & 460 V, 1800 RPM, 215T Frame, TEFC

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Nameplate Specifications

Phase	**3**	Output HP	**5 & 2.50 Hp**
Output KW	**3.7 & 1.9 kW**	Voltage	**460 & 460 V**
Speed	**1725 & 850 r/min**	Synchronous RPM	**1800 & 1800 r/min**
Service Factor	**1.0 & 1.0**	Frame	**215T**
Enclosure	**Totally Enclosed Fan Cooled**	Thermal Protection	**No Protection**
Efficiency	**80 & 74 %**	Ambient Temperature	**40 °C**
Frequency	**60 & 60 Hz**	Current	**6.7 & 7 A**
Power Factor	**88.8**	Duty	**Continuous**
Insulation Class	**F**	Design Code	**NO DESIGN CODE**
KVA Code	**H**	Drive End Bearing Size	**6207**
Opp Drive End Bearing Size	**6206**	UL	**Recognized**
CSA	**Y**	CE	**N**
IP Code	**43**	Number of Speeds	**2**

Technical Specifications

Electrical Type	**Squirrel Cage Induction Run**	Starting Method	**Across The Line**
Poles	**4**	Rotation	**Reversible**
Resistance Main	**3 O**	Mounting	**Rigid Base**
Motor Orientation	**Horizontal**	Drive End Bearing	**Ball**
Opp Drive End Bearing	**Ball**	Frame Material	**Rolled Steel**
Shaft Type	**T**	Overall Length	**17.71 in**
Frame Length	**11.0 in**	Shaft Diameter	**1 3/8 in**
Shaft Extension	**3.38 in**	Assembly/Box Mounting	**F1/F2 Capable**

Drawings

Connection Drawing	**005148.01**	Outline Drawing	**OL140445**

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