Product Information Packet: Model No: 182TTGN16003, Catalog No:C303B Hazardous Duty® Explosion Proof Motor, 3 HP, 3 Ph, 60 Hz, 230/460 V, 3600 RPM, 182TC Frame, EPFC



## Nameplate Specifications

Output HP	3 Hp	Output KW	2.2 kW
Frequency	60 Hz	Voltage	230/460 V
Current	7.6/3.8 A	Speed	3525 rpm
Service Factor	1	Phase	3
Efficiency	87.5 %	Power Factor	85
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	κ
Frame	182TC	Enclosure	Explosion Proof Fan cooled
Thermal Protection	Thermostat	Ambient Temperature	40 °C
Drive End Bearing Size	6207	Opp Drive End Bearing Size	6206
UL	UL Listed; also, UL Certified for Canada	CSA	N
CE	N	IP Code	54
Hazardous Location	EXP PROOF CL I GR D CL II GR F&G T3B	Number of Speeds	1

## **Technical Specifications**

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	3.56 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	Т	Overall Length	18.62 in
Frame Length	10.00 in	Shaft Diameter	1.125 in
Shaft Extension	2.62 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	EE7308T	Outline Drawing	035694-1000

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