Product Information Packet: Model No: LM21799, Catalog No:LM21799 Automotive Duty Motor, 50 HP, 3 Ph, 60 Hz, 460 V, 3600 RPM, 365U Frame, TEFC

Nameplate Specifications

Output HP	50 Hp	Output KW	37.0 kW
Frequency	60 Hz	Voltage	460 V
Current	56.0 A	Speed	3560 rpm
Service Factor	1	Phase	3
Efficiency	94.1 %	Power Factor	89
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	G
Frame	365U	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	65 °C
Drive End Bearing Size	314	Opp Drive End Bearing Size	312
UL	Recognized	CSA	Y
CE	Υ	IP Code	55
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	.105 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	U	Overall Length	33.00 in
Frame Length	14.50 in	Shaft Diameter	2.125 in
Shaft Extension	6.38 in	Assembly/Box Mounting	F1/F2 CAPABLE
Connection Drawing	A-EE7300-LN	Outline Drawing	B-SS518366-1450

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:09/07/2022