

50 Hz Motors

Model No: 131454.00

Catalog No: 131454.00

50 Hz Motor, 5 HP, 3 Ph, 50 Hz, 220/380/440 V, 1500 RPM, 184T Frame, TEFC

Product Information Packet: Model No: 131454.00, Catalog No: 131454.00 50 Hz Motor, 5 HP, 3 Ph, 50 Hz, 220/380/440 V, 1500 RPM, 184T Frame, TEFC

Nameplate Specifications

Phase	3	Output HP	5 Hp
Output KW	3.7 kW	Voltage	220/380/440 V
Speed	1425 r/min	Synchronous RPM	1500 r/min
Service Factor	1.00	Frame	184T
Enclosure	Totally Enclosed Fan Cooled	Thermal Protection	No Protection
Efficiency	87.5 %	Ambient Temperature	40 °C
Frequency	50 Hz	Current	14.0/8.1/7.0 A
Power Factor	78	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	L	Drive End Bearing Size	6206
Opp Drive End Bearing Size	6205	UL	Recognized
CSA	Y	CE	Y
IP Code	54	Number of Speeds	1

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	.6243 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	16.46 in
Frame Length	10.0 in	Shaft Diameter	1 1/8 in
Shaft Extension	2.75 in	Assembly/Box Mounting	F1/F2 Capable

Drawings

Connection Drawing	005381.01	Outline Drawing	035465-1000
--------------------	------------------	-----------------	--------------------

