Product Information Packet: Model No: SCA0031A1171GAA001, Catalog No:SCA0031A1171GAA001 TerraMAX® Cast Iron Motor, 4 HP, 3 Ph, 50 Hz, 400 V, 3000 RPM, 100L Frame, TEFC

marathon[®]

Nameplate Specifications

Output HP	4 Hp	Output KW	3.0 kW
Frequency	50 Hz	Voltage	400 V
Current	5.8 A	Speed	2879 rpm
Service Factor	1	Phase	3
Efficiency	84.6 %	Power Factor	0.89
Duty	S1	Insulation Class	F
Frame	100L	Enclosure	Totally Enclosed Fan Cooled
Frame Thermal Protection	100L No Protection	Enclosure Ambient Temperature	Totally Enclosed Fan Cooled 40 °C
Thermal Protection	No Protection	Ambient Temperature	40 °C
Thermal Protection Drive End Bearing Size	No Protection 6206	Ambient Temperature Opp Drive End Bearing Size	40 °C 6206

Technical Specifications

Electrical Type	Squirrel Cage	Starting Method	Direct On Line	
Poles	2	Rotation	Bi-Directional	
Mounting	B14A	Motor Orientation	Horizontal	
Drive End Bearing	2z-C3	Opp Drive End Bearing	2z-C3	
Frame Material	Cast Iron	Shaft Type	Keyed	
Overall Length	398 mm	Frame Length	200 mm	
Shaft Diameter	28 mm	Shaft Extension	60 mm	
Assembly/Box Mounting	Тор			
Outline Drawing	0210000493	Connection Drawing	8442000085	

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