Product Information Packet: Model No: SCA1P51A3131GAAD01, Catalog No:SCA1P51A3131GAAD01 TerraMAX® Cast Iron Motor, 2 HP, 3 Ph, 50 Hz, 415 V, 3000 RPM, 90S Frame, TEFC



## Nameplate Specifications

Output HP	2 Hp	Output KW	1.5 kW
Frequency	50 Hz	Voltage	415 V
Current	2.9 A	Speed	2863 rpm
Service Factor	1	Phase	3
Efficiency	81.3 %	Power Factor	0.87
Duty	<b>S1</b>	Insulation Class	F
Frame	90S	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	50 °C
Drive End Bearing Size	6205	Opp Drive End Bearing Size	6205
UL	No	CSA	No
CE	Yes	IP Code	55
Number of Speeds	1	Efficiency Class	IE2

## **Technical Specifications**

Electrical Type	Squirrel Cage	Starting Method	Direct On Line
Poles	2	Rotation	Bi-Directional
Mounting	B35	Motor Orientation	Horizontal
Drive End Bearing	2z-C3	Opp Drive End Bearing	2z-C3
Frame Material	Cast Iron	Shaft Type	Keyed
Overall Length	307 mm	Frame Length	128 mm
Shaft Diameter	24 mm	Shaft Extension	50 mm
Assembly/Box Mounting	TOP		
Outline Drawing	0209000854	Connection Drawing	8442000085

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