Product Information Packet: Model No: SCA2P21A3131GAAD01, Catalog No:SCA2P21A3131GAAD01 TerraMAX® Cast Iron Motor, 3 HP, 3 Ph, 50 Hz, 415 V, 3000 RPM, 90L Frame, TEFC



## Nameplate Specifications

Output HP	3 Hp	Output KW	2.2 kW
Frequency	50 Hz	Voltage	415 V
Current	4.1 A	Speed	2862 rpm
Service Factor	1	Phase	3
Efficiency	83.2 %	Power Factor	0.90
Duty	S1	Insulation Class	F
Frame	90L	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	364 mm	Frame Length	185 mm	
Shaft Diameter	24 mm	Shaft Extension	50 mm	
Assembly/Box Mounting	TOP			
Outline Drawing	0209000926	Connection Drawing	8442000085	

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:12/01/2022