Product Information Packet: Model No: SCA1P12A3171GAAD01, Catalog No:SCA1P12A3171GAAD01 TerraMAX® Cast Iron Motor, 1.50 HP, 3 Ph, 50 Hz, 415 V, 1500 RPM, 90S Frame, TEFC

## marathon®

## Nameplate Specifications

Output HP	1.50 Hp	Output KW	1.1 kW
Frequency	50 Hz	Voltage	415 V
Current	2.5 A	Speed	1443 rpm
Service Factor	1	Phase	3
Efficiency	81.4 %	Power Factor	0.76
Duty	S1	Insulation Class	F
Frame	90S	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	50 °C
Thermal Protection Drive End Bearing Size	No Protection 6205	Ambient Temperature Opp Drive End Bearing Size	50 °C 6205
Drive End Bearing Size	6205	Opp Drive End Bearing Size	6205

## **Technical Specifications**

Electrical Type	Squirrel Cage	Starting Method	Direct On Line	
Poles	4	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	307 mm	Frame Length	128 mm	
Shaft Diameter	24 mm	Shaft Extension	50 mm	
Assembly/Box Mounting	TOP			
Outline Drawing	0209000872	Connection Drawing	8442000085	

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