Product Information Packet: Model No: SCA0751A3143GAAD01, Catalog No:SCA0751A3143GAAD01 TerraMAX® Cast Iron Motor, 100 HP, 3 Ph, 50 Hz, 415 V, 3000 RPM, 280S Frame, TEFC

marathon®

Nameplate Specifications

Output HP	100 Hp	Output KW	75.0 kW
Frequency	50 Hz	Voltage	415 V
Current	122.6 A	Speed	2977 rpm
Service Factor	1	Phase	3
Efficiency	93.8 %	Power Factor	0.91
Duty	S1	Insulation Class	F
Frame	280S	Enclosure	Totally Enclosed Fan Cooled
	2000	2.1010004.10	
Thermal Protection	No Protection	Ambient Temperature	50 °C
Thermal Protection	No Protection	Ambient Temperature	50 °C
Thermal Protection Drive End Bearing Size	No Protection 6314	Ambient Temperature Opp Drive End Bearing Size	50 °C 6314

Technical Specifications

Electrical Type	Squirrel Cage	Starting Method	Direct On Line
Poles	2	Rotation	Bi-Directional
Mounting	V1	Motor Orientation	Horizontal
Drive End Bearing	СЗ	Opp Drive End Bearing	C3
Frame Material	Cast Iron	Shaft Type	Keyed
Overall Length	1146 mm	Frame Length	499 mm
Shaft Diameter	65 mm	Shaft Extension	140 mm
Assembly/Box Mounting	SIDE		
Connection Drawing	8442000085	Outline Drawing	0228001203

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