Product Information Packet: Model No: SCA0901A3143GAAD01, Catalog No:SCA0901A3143GAAD01 TerraMAX® Cast Iron Motor, 120 HP, 3 Ph, 50 Hz, 415 V, 3000 RPM, 280M Frame, TEFC

## marathon®

## Nameplate Specifications

Output HP	120 Hp	Output KW	90.0 kW
Frequency	50 Hz	Voltage	415 V
Current	144.9 A	Speed	2977 rpm
Service Factor	1	Phase	3
Efficiency	94.1 %	Power Factor	0.92
Duty	S1	Insulation Class	F
Frame	280M	Enclosure	Totally Enclosed Fan Cooled
Traine	20011	Eliciosule	Totally Eliciosed Fall Cooled
Thermal Protection	No Protection	Ambient Temperature	50 °C
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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	C3	Opp Drive End Bearing	C3
Frame Material	Cast Iron	Shaft Type	Keyed
Overall Length	1197 mm	Frame Length	550 mm
Shaft Diameter	65 mm	Shaft Extension	140 mm
Assembly/Box Mounting	SIDE		
Outline Drawing	0228001205	Connection Drawing	8442000085

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