Product Information Packet: Model No: SCA1322A3143GAAD01, Catalog No:SCA1322A3143GAAD01 TerraMAX® Cast Iron Motor, 175 HP, 3 Ph, 50 Hz, 415 V, 1500 RPM, 315M Frame, TEFC

marathon®

Nameplate Specifications

Output HP	175 Hp	Output KW	132.0 kW
Frequency	50 Hz	Voltage	415 V
Current	220.4 A	Speed	1488 rpm
Service Factor	1	Phase	3
Efficiency	94.7 %	Power Factor	0.88
Duty	S1	Insulation Class	F
Frame	315M	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	50 °C
Thermal Protection Drive End Bearing Size	No Protection 6319	Ambient Temperature Opp Drive End Bearing Size	50 °C 6319
Drive End Bearing Size	6319	Opp Drive End Bearing Size	6319

Technical Specifications

Electrical Type	Squirrel Cage	Starting Method	Direct On Line
Poles	4	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	1343 mm	Frame Length	729 mm
Shaft Diameter	80 mm	Shaft Extension	170 mm
Assembly/Box Mounting	SIDE		
Connection Drawing	8442000085	Outline Drawing	0231501495

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