Product Information Packet: Model No: SCA0753A3143GAAD01, Catalog No:SCA0753A3143GAAD01 TerraMAX® Cast Iron Motor, 100 HP, 3 Ph, 50 Hz, 415 V, 1000 RPM, 315S Frame, TEFC

marathon®

Nameplate Specifications

Output HP	100 Hp	Output KW	75.0 kW
Frequency	50 Hz	Voltage	415 V
Current	134.2 A	Speed	989 rpm
Service Factor	1	Phase	3
Efficiency	93.7 %	Power Factor	0.83
Duty	S1	Insulation Class	F
Frame	315S	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	50 °C
Drive End Bearing Size	6319	Opp Drive End Bearing Size	6319
UL	No	CSA	No
CE	Yes	IP Code	55
Number of Speeds		Efficiency Class	IE2

Technical Specifications

Electrical Type	Squirrel Cage	Starting Method	Direct On Line
Poles	6	Rotation	Bi-Directional
Mounting	V1	Motor Orientation	Horizontal
Drive End Bearing	СЗ	Opp Drive End Bearing	СЗ
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		
Outline Drawing	0231501495	Connection Drawing	8442000085

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