Product Information Packet: Model No: SCA0754A3143GAAD01, Catalog No:SCA0754A3143GAAD01 TerraMAX® Cast Iron Motor, 100 HP, 3 Ph, 50 Hz, 415 V, 750 RPM, 315M Frame, TEFC

## marathon®

## Nameplate Specifications

Output HP	100 Hp	Output KW	75.0 kW
Frequency	50 Hz	Voltage	415 V
Current	157.6 A	Speed	743 rpm
Service Factor	1	Phase	3
Efficiency	91.6 %	Power Factor	0.7228
Duty	S1	Insulation Class	F
Frame	315M	Enclosure	Totally Enclosed Fan Cooled
Frame Thermal Protection	315M No Protection	Enclosure Ambient Temperature	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

## **Technical Specifications**

Electrical Type	Squirrel Cage	Starting Method	Direct On Line
Poles	8	Rotation	Bi-Directional
Mounting	V1	Motor Orientation	Shaft Down
Drive End Bearing	СЗ	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	ТОР		
Connection Drawing	8442000085	Outline Drawing	0231500893

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