## Product Information Packet: Model No: TCA0753A3131GACD01, Catalog No:TCA0753A3131GACD01 Cast Iron Motor, 100 HP, 3 Ph, 50 Hz, 415 V, 1000 RPM, 315S Frame, TEFC

## marathon®

## Nameplate Specifications

Output HP	100 Нр	Output KW	75.0 kW
Frequency	50 Hz	Voltage	415 V
Current	137.9 A	Speed	990 rpm
Service Factor	1	Phase	3
Efficiency	94.6 %	Power Factor	0.8
Duty	S1	Insulation Class	F
Frame	315S	Enclosure	Totally Enclosed Fan Cooled
Frame Thermal Protection	315S 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	6	Rotation	Bi-Directional
Mounting	B35	Motor Orientation	Horizontal
Drive End Bearing	СЗ	Opp Drive End Bearing	СЗ
Frame Material	Cast Iron	Shaft Type	Keyed
Overall Length	1206 mm	Frame Length	729 mm
Shaft Diameter	80 mm	Shaft Extension	170 mm
Assembly/Box Mounting	Тор		
Connection Drawing	8442000085	Outline Drawing	0231500891

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