Product Information Packet: Model No: TCA1603A3141GACD01, Catalog No:TCA1603A3141GACD01 Cast Iron Motor, 215 HP, 3 Ph, 50 Hz, 415 V, 1000 RPM, 355M Frame, TEFC

marathon[®]

Nameplate Specifications

Output HP	215 Hp	Output KW	160.0 kW
Frequency	50 Hz	Voltage	415 V
Current	280.5 A	Speed	992 rpm
Service Factor	1	Phase	3
Efficiency	95.6 %	Power Factor	0.83
Duty	S1	Insulation Class	F
Frame	355M	Enclosure	Totally Enclosed Fan Cooled
Frame Thermal Protection	355M No Protection	Enclosure Ambient Temperature	Totally Enclosed Fan Cooled 50 °C
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Thermal Protection	No Protection	Ambient Temperature	50 °C
Thermal Protection Drive End Bearing Size	No Protection 6322	Ambient Temperature Opp Drive End Bearing Size	50 °C 6322

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	С3
Frame Material	Cast Iron	Shaft Type	Keyed
Overall Length	1677 mm	Frame Length	1010 mm
Shaft Diameter	95 mm	Shaft Extension	170 mm
Assembly/Box Mounting	Тор		
Connection Drawing	8442000085	Outline Drawing	0235501832

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