Product Information Packet: Model No: TCA0901AF111GAC010, Catalog No:TCA0901AF111GAC010 TerraMAX® Cast Iron Motor, 120 HP, 3 Ph, 50 Hz, 380 V, 3000 RPM, 280M Frame, TEFC

## marathon<sup>®</sup>

## Nameplate Specifications

Output HP	120 Нр	Output KW	90.0 kW
Frequency	50 Hz	Voltage	380 V
Current	161.7 A	Speed	2982 rpm
Service Factor	1	Phase	3
Efficiency	95 %	Power Factor	0.89
Duty	S1	Insulation Class	F
Frame	280M	Enclosure	Totally Enclosed Fan Cooled
Frame Thermal Protection	280M No Protection	Enclosure Ambient Temperature	Totally Enclosed Fan Cooled 40 °C
Thermal Protection	No Protection	Ambient Temperature	40 °C
Thermal Protection Drive End Bearing Size	No Protection 6314	Ambient Temperature Opp Drive End Bearing Size	40 °C 6314

## **Technical Specifications**

Electrical Type	Squirrel Cage	Starting Method	Direct On Line
Poles	2	Rotation	Bi-Directional
Mounting	B3	Motor Orientation	Horizontal
Drive End Bearing	C3	Opp Drive End Bearing	Сз
Frame Material	Cast Iron	Shaft Type	Keyed
Overall Length	1111 mm	Frame Length	600 mm
Shaft Diameter	65 mm	Shaft Extension	140 mm
Assembly/Box Mounting	Тор		
Outline Drawing	0228000585	Connection Drawing	8442000085

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