Product Information Packet: Model No: SCA0902A1113GAA001, Catalog No:SCA0902A1113GAA001 TerraMAX® Cast Iron Motor, 120 HP, 3 Ph, 50 Hz, 400 V, 1500 RPM, 280M Frame, TEFC

marathon[®]

Nameplate Specifications

Output HP	120 Hp	Output KW	90.0 kW
Frequency	50 Hz	Voltage	400 V
Current	158.5 A	Speed	1485 rpm
Service Factor	1	Phase	3
Efficiency	94.2 %	Power Factor	0.87
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 6317	Ambient Temperature Opp Drive End Bearing Size	40 °C 6317

Technical Specifications

Electrical Type	Squirrel Cage	Starting Method	Direct On Line
Poles	4	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	1061 mm	Frame Length	550 mm
Shaft Diameter	75 mm	Shaft Extension	140 mm
Assembly/Box Mounting	R Side		
Outline Drawing	0228001214	Connection Drawing	8442000085

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