Product Information Packet: Model No: TCA0901A3113GACD01, Catalog No:TCA0901A3113GACD01 Cast Iron Motor, 120 HP, 3 Ph, 50 Hz, 415 V, 3000 RPM, 280M Frame, TEFC

marathon[®]

Nameplate Specifications

Output HP	120 Hp	Output KW	90.0 kW
Frequency	50 Hz	Voltage	415 V
Current	144.8 A	Speed	2981 rpm
Service Factor	1	Phase	3
Efficiency	95 %	Power Factor	0.91
Duty	S1	Insulation Class	F
Frame	280M	Enclosure	Totally Enclosed Fan Cooled
			-
Thermal Protection	No Protection	Ambient Temperature	50 °C
		Ambient Temperature Opp Drive End Bearing Size	50 °C 6314
Thermal Protection	No Protection	· · · · · ·	
Thermal Protection Drive End Bearing Size	No Protection 6314	Opp Drive End Bearing Size	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	СЗ	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	R Side		
Outline Drawing	0228001134	Connection Drawing	8442000085

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