Product Information Packet: Model No: TCM7P53A2121GAC011, Catalog No:TCM7P53A2121GAC011 TerraMAX® IE3, Mining Duty Motors, 7.5 kW, 3Ph, 6 Pole, 400/690V, B5, 50Hz, 160M Frame, TEFC

marathon®

Nameplate Specifications

Output HP	10 Hp	Output KW	7.5 kW
Frequency	50 Hz	Voltage	400/690 V
Current	15.2 A	Speed	976 rpm
Service Factor	1	Phase	3
Efficiency	89.1 %	Power Factor	0.8
Duty	S1	Insulation Class	Н
Frame	160M	Enclosure	Totally Enclosed Fan Cooled
Frame Thermal Protection	160M 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 6309	Ambient Temperature Opp Drive End Bearing Size	40 °C 6209

Technical Specifications

Electrical Type	Squirrel Cage	Starting Method	Direct On Line
Poles	6	Rotation	Bi-Directional
Mounting	B5	Motor Orientation	Horizontal
Drive End Bearing	С3	Opp Drive End Bearing	C3
Frame Material	Cast Iron	Shaft Type	Keyed
Overall Length	622 mm	Frame Length	254 mm
Shaft Diameter	42 mm	Shaft Extension	110 mm
Assembly/Box Mounting	ТОР		
Outline Drawing	0216000922	Connection Drawing	8442000085

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