Product Information Packet: Model No: TCM0451A2113GAC011, Catalog No:TCM0451A2113GAC011 TerraMAX® IE3, Mining Duty Motors, 45 kW, 3Ph, 2 Pole, 400/690V, B3, 50Hz, 225M Frame, TEFC

## marathon®

## Nameplate Specifications

Output HP	60 Hp	Output KW	45.0 kW
Frequency	50 Hz	Voltage	400/690 V
Current	79.4 A	Speed	2978 rpm
Service Factor	1	Phase	3
Efficiency	94 %	Power Factor	0.87
Duty	S1	Insulation Class	Н
Frame	225M	Enclosure	Totally Enclosed Fan Cooled
Frame Thermal Protection	225M 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 6313	Ambient Temperature Opp Drive End Bearing Size	40 °C 6213

## **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	832 mm	Frame Length	425 mm
Shaft Diameter	55 mm	Shaft Extension	110 mm
Assembly/Box Mounting	RHS		
Outline Drawing	0222500903	Connection Drawing	8442000085

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