Product Information Packet: Model No: TCM0551A2113GAC011, Catalog No:TCM0551A2113GAC011 TerraMAX® IE3, Mining Duty Motors, 55 kW, 3Ph, 2 Pole, 400/690V, B3, 50Hz, 250M Frame, TEFC



Nameplate Specifications

| Output HP | 75 Hp | Output KW | 55.0 kW |
|------------------------|---------------|----------------------------|-----------------------------|
| Frequency | 50 Hz | Voltage | 400/690 V |
| Current | 94.6 A | Speed | 2977 rpm |
| Service Factor | 1 | Phase | 3 |
| Efficiency | 94.3 % | Power Factor | 0.89 |
| Duty | S1 | Insulation Class | Н |
| Frame | 250M | Enclosure | Totally Enclosed Fan Cooled |
| Thermal Protection | No Protection | Ambient Temperature | 40 °C |
| Drive End Bearing Size | 6314 | Opp Drive End Bearing Size | 6314 |
| UL | NO | CSA | NO |
| CE | YES | IP Code | 66 |
| Number of Speeds | 1 | Efficiency Class | IE3 |
| | | | |

Technical Specifications

| Electrical Type | Squirrel Cage | Starting Method | Direct On Line |
|-----------------------|---------------|-----------------------|----------------|
| Poles | 2 | Rotation | Bi-Directional |
| Mounting | В3 | Motor Orientation | Horizontal |
| Drive End Bearing | С3 | Opp Drive End Bearing | С3 |
| Frame Material | Cast Iron | Shaft Type | Keyed |
| Overall Length | 941 mm | Frame Length | 460 mm |
| Shaft Diameter | 60 mm | Shaft Extension | 140 mm |
| Assembly/Box Mounting | RHS | | |
| Outline Drawing | 0225000680 | Connection Drawing | 8442000086 |

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