Product Information Packet: Model No: TCN0032A1113GAC010, Catalog No:TCN0032A1113GAC010 TerraMAX® Cast Iron Motor, 4 HP, 3 Ph, 50 Hz, 400 V, 1500 RPM, 100L Frame, TEFC

marathon[®]

Nameplate Specifications

| Output HP | 4 Hp | Output KW | 3.0 kW |
|--|-----------------------|---|--------------------------------------|
| Frequency | 50 Hz | Voltage | 400 V |
| Current | 5.9 A | Speed | 1458 rpm |
| Service Factor | 1 | Phase | 3 |
| Efficiency | 87.7 % | Power Factor | 0.84 |
| Duty | S1 | Insulation Class | F |
| | | | |
| Frame | 100L | Enclosure | Totally Enclosed Fan Cooled |
| Frame Thermal Protection | 100L 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 6206 | Ambient Temperature Opp Drive End Bearing Size | 40 °C 6206 |

Technical Specifications

| Electrical Type | Squirrel Cage | Starting Method | Direct On Line |
|-----------------------|---------------|-----------------------|----------------|
| Poles | 4 | Rotation | Bi-Directional |
| Mounting | B3 | Motor Orientation | Horizontal |
| Drive End Bearing | 2z-C3 | Opp Drive End Bearing | 2z-C3 |
| Frame Material | Cast Iron | Shaft Type | Keyed |
| Overall Length | 398 mm | Frame Length | 200 mm |
| Shaft Diameter | 28 mm | Shaft Extension | 60 mm |
| Assembly/Box Mounting | R Side | | |
| Connection Drawing | 8442000085 | Outline Drawing | 0210000505 |

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