Product Information Packet: Model No: TCA1603A1113GAC010, Catalog No:TCA1603A1113GAC010 TerraMAX® Cast Iron Motor, 215 HP, 3 Ph, 50 Hz, 400 V, 1000 RPM, 355M Frame, TEFC

marathon®

Nameplate Specifications

| Output HP | 215 Hp | Output KW | 160.0 kW |
|------------------------|---------------|----------------------------|-----------------------------|
| Frequency | 50 Hz | Voltage | 400 V |
| Current | 287.6 A | Speed | 991 rpm |
| Service Factor | 1 | Phase | 3 |
| Efficiency | 95.6 % | Power Factor | 0.84 |
| Duty | S1 | Insulation Class | F |
| Frame | 355M | Enclosure | Totally Enclosed Fan Cooled |
| Thermal Protection | No Protection | Ambient Temperature | 40 °C |
| Drive End Bearing Size | 6322 | Opp Drive End Bearing Size | 6322 |
| UL | No | CSA | No |
| CE | Yes | IP Code | 55 |
| Efficiency Class | IE3 | | |

Technical Specifications

| Electrical Type | Squirrel Cage | Starting Method | Direct On Line |
|-----------------------|---------------|-----------------------|----------------|
| Poles | 6 | Rotation | Bi-Directional |
| Mounting | B3 | Motor Orientation | Horizontal |
| Drive End Bearing | С3 | Opp Drive End Bearing | С3 |
| Frame Material | Cast Iron | Shaft Type | Keyed |
| Overall Length | 1542 mm | Frame Length | 1010 mm |
| Shaft Diameter | 95 mm | Shaft Extension | 170 mm |
| Assembly/Box Mounting | R Side | | |
| Connection Drawing | 8442000085 | Outline Drawing | 0235502296 |

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