Product Information Packet: Model No: TCN0903A1133GAC010, Catalog No:TCN0903A1133GAC010 TerraMAX® Cast Iron Motor, 120 HP, 3 Ph, 50 Hz, 400 V, 1000 RPM, 315M Frame, TEFC

marathon[®]

Nameplate Specifications

| Output HP | 120 Нр | Output KW | 90.0 kW |
|---|-----------------------|---|-----------------------------|
| Frequency | 50 Hz | Voltage | 400 V |
| Current | 166.9 A | Speed | 990 rpm |
| Service Factor | 1 | Phase | 3 |
| Efficiency | 94.9 % | Power Factor | 0.82 |
| Duty | S1 | Insulation Class | F |
| Frame | 315M | Enclosure | Totally Enclosed Fan Cooled |
| | | | |
| Thermal Protection | No Protection | Ambient Temperature | 40 °C |
| Thermal Protection Drive End Bearing Size | No Protection 6319 | Ambient Temperature Opp Drive End Bearing Size | 40 °C 6319 |
| | | <u>_</u> | |
| Drive End Bearing Size | 6319 | Opp Drive End Bearing Size | 6319 |

Technical Specifications

| Electrical Type | Squirrel Cage | Starting Method | Direct On Line |
|-----------------------|---------------|-----------------------|----------------|
| Poles | 6 | Rotation | Bi-Directional |
| Mounting | B35 | Motor Orientation | Horizontal |
| Drive End Bearing | Сз | Opp Drive End Bearing | С3 |
| Frame Material | Cast Iron | Shaft Type | Keyed |
| Overall Length | 1206 mm | Frame Length | 729 mm |
| Shaft Diameter | 80 mm | Shaft Extension | 170 mm |
| Assembly/Box Mounting | R Side | | |
| Connection Drawing | 8442000085 | Outline Drawing | 0231501398 |

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