Product Information Packet: Model No: SCA0553A3131GAAD01, Catalog No:SCA0553A3131GAAD01 TerraMAX® Cast Iron Motor, 75 HP, 3 Ph, 50 Hz, 415 V, 1000 RPM, 280M Frame, TEFC

marathon®

Nameplate Specifications

| Output HP | 75 Нр | Output KW | 55.0 kW |
|--|-----------------------|---|--------------------------------------|
| Frequency | 50 Hz | Voltage | 415 V |
| Current | 97.2 A | Speed | 985 rpm |
| Service Factor | 1 | Phase | 3 |
| Efficiency | 93.1 % | Power Factor | 0.85 |
| Duty | S1 | Insulation Class | F |
| | | | |
| Frame | 280M | Enclosure | Totally Enclosed Fan Cooled |
| Frame Thermal Protection | 280M No Protection | Enclosure Ambient Temperature | Totally Enclosed Fan Cooled 50 °C |
| | | | |
| Thermal Protection | No Protection | Ambient Temperature | 50 °C |
| Thermal Protection Drive End Bearing Size | No Protection 6317 | Ambient Temperature Opp Drive End Bearing Size | 50 °C 6317 |

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 | C3 |
| Frame Material | Cast Iron | Shaft Type | Keyed |
| Overall Length | 1061 mm | Frame Length | 550 mm |
| Shaft Diameter | 75 mm | Shaft Extension | 140 mm |
| Assembly/Box Mounting | ТОР | | |
| Connection Drawing | 8442000085 | Outline Drawing | 0228001154 |

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