Product Information Packet: Model No: SCA1P51A3171GAAD01, Catalog No:SCA1P51A3171GAAD01 TerraMAX® Cast Iron Motor, 2 HP, 3 Ph, 50 Hz, 415 V, 3000 RPM, 90S Frame, TEFC

marathon®

Nameplate Specifications

| Output HP | 2 Нр | Output KW | 1.5 kW |
|--|-----------------------|---|--------------------------------------|
| Frequency | 50 Hz | Voltage | 415 V |
| Current | 2.9 A | Speed | 2863 rpm |
| Service Factor | 1 | Phase | 3 |
| Efficiency | 81.3 % | Power Factor | 0.87 |
| Duty | S1 | Insulation Class | F |
| | | | |
| Frame | 90S | Enclosure | Totally Enclosed Fan Cooled |
| Frame Thermal Protection | 90S 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 6205 | Ambient Temperature Opp Drive End Bearing Size | 50 °C 6205 |

Technical Specifications

| Electrical Type | Squirrel Cage | Starting Method | Direct On Line |
|-----------------------|---------------|-----------------------|----------------|
| Poles | 2 | Rotation | Bi-Directional |
| Mounting | B14A | Motor Orientation | Horizontal |
| Drive End Bearing | 2z-C3 | Opp Drive End Bearing | 2z-C3 |
| Frame Material | Cast Iron | Shaft Type | Keyed |
| Overall Length | 307 mm | Frame Length | 128 mm |
| Shaft Diameter | 24 mm | Shaft Extension | 50 mm |
| Assembly/Box Mounting | ТОР | | |
| Connection Drawing | 8442000085 | Outline Drawing | 0209000872 |

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:12/01/2022