Product Information Packet: Model No: SCA0031AG121GAA001, Catalog No:SCA0031AG121GAA001 TerraMAX® Cast Iron Motor, 4 HP, 3 Ph, 50 Hz, 220/380 V, 3000 RPM, 100L Frame, TEFC

marathon®

Nameplate Specifications

| Output HP | 4 Hp | Output KW | 3.0 kW |
|--|-----------------------|---|-----------------------------|
| Frequency | 50 Hz | Voltage | 220/380 V |
| Current | 6.1 A | Speed | 2879 rpm |
| Service Factor | 1 | Phase | 3 |
| Efficiency | 84.6 % | Power Factor | 0.89 |
| Duty | S1 | Insulation Class | F |
| Frame | 100L | Enclosure | Totally Enclosed Fan Cooled |
| Traine | 1002 | 2.101000.10 | |
| Thermal Protection | No Protection | Ambient Temperature | 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 | 2 | Rotation | Bi-Directional |
| Mounting | B5 | 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 | Тор | | |
| Outline Drawing | 0210000477 | Connection Drawing | 8442000085 |

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