Product Information Packet: Model No: TCA7P51A3111GACD01, Catalog No:TCA7P51A3111GACD01 Cast Iron Motor, 10 HP, 3 Ph, 50 Hz, 415 V, 3000 RPM, 132S Frame, TEFC

marathon®

Nameplate Specifications

| Output HP | 10 Hp | Output KW | 7.5 kW |
|--|-----------------------|---|-----------------------------|
| Frequency | 50 Hz | Voltage | 415 V |
| Current | 12.7 A | Speed | 2931 rpm |
| Service Factor | 1 | Phase | 3 |
| Efficiency | 90.1 % | Power Factor | 0.91 |
| Duty | S1 | Insulation Class | F |
| | | | |
| Frame | 132S | Enclosure | Totally Enclosed Fan Cooled |
| Frame Thermal Protection | 132S No Protection | Enclosure Ambient Temperature | Totally Enclosed Fan Cooled |
| | | | |
| Thermal Protection | No Protection | Ambient Temperature | 50 °C |
| Thermal Protection Drive End Bearing Size | No Protection 6308 | Ambient Temperature Opp Drive End Bearing Size | 50 °C 6208 |

Technical Specifications

| Electrical Type | Squirrel Cage | Starting Method | Direct On Line |
|-----------------------|---------------|-----------------------|----------------|
| Poles | 2 | Rotation | Bi-Directional |
| Mounting | B3 | Motor Orientation | Horizontal |
| Drive End Bearing | 2z-C3 | Opp Drive End Bearing | 2z-C3 |
| Frame Material | Cast Iron | Shaft Type | Keyed |
| Overall Length | 465 mm | Frame Length | 202 mm |
| Shaft Diameter | 38 mm | Shaft Extension | 80 mm |
| Assembly/Box Mounting | Тор | | |
| Connection Drawing | 8442000085 | Outline Drawing | 0213200610 |

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