Product Information Packet: Model No: TCA3551A3121GACD01, Catalog No:TCA3551A3121GACD01 Cast Iron Motor, 475 HP, 3 Ph, 50 Hz, 415 V, 3000 RPM, 355L Frame, TEFC

marathon®

Nameplate Specifications

| Output HP | 475 Hp | Output KW | 355.0 kW |
|--|-----------------------|---|--------------------------------------|
| Frequency | 50 Hz | Voltage | 415 V |
| Current | 572.8 A | Speed | 2982 rpm |
| Service Factor | 1 | Phase | 3 |
| Efficiency | 95.8 % | Power Factor | 0.9 |
| Duty | S1 | Insulation Class | F |
| | | | |
| Frame | 355L | Enclosure | Totally Enclosed Fan Cooled |
| Frame Thermal Protection | 355L 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 | 2 | Rotation | Bi-Directional |
| Mounting | B5 | Motor Orientation | Horizontal |
| Drive End Bearing | C3 | Opp Drive End Bearing | Сз |
| Frame Material | Cast Iron | Shaft Type | Keyed |
| Overall Length | 1512 mm | Frame Length | 1010 mm |
| Shaft Diameter | 75 mm | Shaft Extension | 140 mm |
| Assembly/Box Mounting | Тор | | |
| Connection Drawing | 8442000085 | Outline Drawing | 0235501826 |

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