Product Information Packet: Model No: TCT7P54A1171GAA001, Catalog No:TCT7P54A1171GAA001 IE3, 7.5kW, DUST IGNITION PROOF MOTORS, 3 phase, 8 Pole, 400V, 728RPM, 50Hz, 87.3%, 160L Frame, TEFC

marathon®

Nameplate Specifications

| Output HP | 10 Hp | Output KW | 7.5 kW |
|--|-----------------------|---|-----------------------------|
| Frequency | 50 Hz | Voltage | 400 V |
| Current | 17.2 A | Speed | 728 rpm |
| Service Factor | 1 | Phase | 3 |
| Efficiency | 87.3 % | Power Factor | 0.72 |
| Duty | S1 | Insulation Class | F |
| F | 100 | Enclosure | Totally England For Cooled |
| Frame | 160L | Enclosure | Totally Enclosed Fan Cooled |
| Thermal Protection | No Protection | Ambient Temperature | 40 °C |
| | | | |
| Thermal Protection | No Protection | Ambient Temperature | 40 °C |
| Thermal Protection Drive End Bearing Size | No Protection 6309 | Ambient Temperature Opp Drive End Bearing Size | 40 °C 6209 |

Technical Specifications

| Electrical Type | Squirrel Cage | Starting Method | Direct On Line |
|-----------------------|---------------|-----------------------|----------------|
| Poles | 8 | 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 | 666 mm | Frame Length | 298 mm |
| Shaft Diameter | 42 mm | Shaft Extension | 110 mm |
| Assembly/Box Mounting | Тор | | |
| Connection Drawing | 8442000085 | Outline Drawing | 0216000446 |

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