Product Information Packet: Model No: TCT7P53A1121GAA001, Catalog No:TCT7P53A1121GAA001 IE3, 7.5kW, DUST IGNITION PROOF MOTORS, 3 phase, 6 Pole, 400V, 976RPM, 50Hz, 89.1%, 160M Frame, TEFC

marathon®

Nameplate Specifications

| Output HP | 10 Hp | Output KW | 7.5 kW |
|--|-----------------------|---|-----------------------------|
| Frequency | 50 Hz | Voltage | 400 V |
| Current | 15.2 A | Speed | 976 rpm |
| Service Factor | 1 | Phase | 3 |
| Efficiency | 89.1 % | Power Factor | 0.8 |
| Duty | S1 | Insulation Class | F |
| Frame | 160M | Enclosure | Totally Enclosed Fan Cooled |
| Traine | | Elleloguic | |
| 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 | 6 | 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 | 622 mm | Frame Length | 254 mm |
| Shaft Diameter | 42 mm | Shaft Extension | 110 mm |
| Assembly/Box Mounting | Тор | | |
| Connection Drawing | 8442000085 | Outline Drawing | 0216000524 |

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