Product Information Packet: Model No: TCT1P52A1121GAA001, Catalog No:TCT1P52A1121GAA001 IE3, 1.5kW, DUST IGNITION PROOF MOTORS, 3 phase, 4 Pole, 400V, 1448RPM, 50Hz, 85.3%, 90L Frame, TEFC



## Nameplate Specifications

| Output HP              | 2 Hp          | Output KW                  | 1.5 kW                      |
|------------------------|---------------|----------------------------|-----------------------------|
| Frequency              | 50 Hz         | Voltage                    | 400 V                       |
| Current                | 3.3 A         | Speed                      | 1448 rpm                    |
| Service Factor         | 1             | Phase                      | 3                           |
| Efficiency             | 85.3 %        | Power Factor               | 0.77                        |
| Duty                   | S1            | Insulation Class           | F                           |
| Frame                  | 90L           | Enclosure                  | Totally Enclosed Fan Cooled |
| Thermal Protection     | No Protection | Ambient Temperature        | 40 °C                       |
| Drive End Bearing Size | 6205          | Opp Drive End Bearing Size | 6205                        |
| UL                     | No            | CSA                        | No                          |
| CE                     | Yes           | IP Code                    | 66                          |
| Number of Speeds       | 1             | Efficiency Class           | IE3                         |
|                        |               |                            |                             |

## **Technical Specifications**

| Electrical Type       | Squirrel Cage | Starting Method       | Direct On Line |
|-----------------------|---------------|-----------------------|----------------|
| Poles                 | 4             | 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        | 332 mm        | Frame Length          | 153 mm         |
| Shaft Diameter        | 24 mm         | Shaft Extension       | 50 mm          |
| Assembly/Box Mounting | Тор           |                       |                |
| Connection Drawing    | 8442000085    | Outline Drawing       | 0209000397     |

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