Product Information Packet: Model No: E3TN3002167B35D41100, Catalog No:E3TN3002167B35D41100 Made in Italy TCN Series, General Purpose Low Voltage IEC motor, Increased Safety, 18,50 kW, 3 phase, 2944 RPM, D400/Y690V 50Hz, 160LA Frame B35, 2 Poles, IC411

## Nameplate Specifications

| Output HP                  | 25 Hp  | Output KW              | 18.5 kW                     |
|----------------------------|--------|------------------------|-----------------------------|
| Frequency                  | 50 Hz  | Voltage                | 400/690 V                   |
| Current                    | 32.3 A | Speed                  | 2944 rpm                    |
| Service Factor             | 1      | Phase                  | 3                           |
| Efficiency                 | 92.4 % | Power Factor           | 0.9                         |
| Duty                       | S1     | Insulation Class       | F                           |
| Frame                      | 160LA  | Enclosure              | Totally Enclosed Fan Cooled |
| Ambient Temperature        | 40 °C  | Drive End Bearing Size | 6309                        |
| Opp Drive End Bearing Size | 6209   | UL                     | No                          |
| CSA                        | No     | CE                     | Yes                         |
| IP Code                    | IP55   | Number of Speeds       | 1                           |
|                            |        |                        |                             |

## **Technical Specifications**

| Electrical Type       | Squirrel Cage    | Starting Method       | Direct On Line |
|-----------------------|------------------|-----------------------|----------------|
| Poles                 | 2                | Rotation              | Bi-Directional |
| Mounting              | B35              | Motor Orientation     | Horizontal     |
| Drive End Bearing     | 2z-C3            | Opp Drive End Bearing | 2z-C3          |
| Frame Material        | Cast Iron        | Shaft Type            | Keyed          |
| Overall Length        | 666.00 mm        | Frame Length          | 298.00 mm      |
| Shaft Diameter        | 42.000 mm        | Shaft Extension       | 110 mm         |
| Assembly/Box Mounting | Тор              |                       |                |
| Outline Drawing       | B3A04T8160001D01 | Connection Drawing    | SC-01-T-1v-1a  |
|                       |                  |                       |                |

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