Product Information Packet: Model No: E3TN3006351B50D41100, Catalog No:E3TN3006351B50D41100 Made in Italy TCN Series, General Purpose Low Voltage IEC motor, Increased Safety, 160,00 kW, 3 phase, 992 RPM, D400/Y690V 50Hz, 355MA Frame B5, 6 Poles, IC411

## Nameplate Specifications

| Output HP                  | 215 Hp  | Output KW              | 160.0 kW                    |
|----------------------------|---------|------------------------|-----------------------------|
| Frequency                  | 50 Hz   | Voltage                | 400/690 V                   |
| Current                    | 274.5 A | Speed                  | 992 rpm                     |
| Service Factor             | 1       | Phase                  | 3                           |
| Efficiency                 | 96 %    | Power Factor           | 0.88                        |
| Duty                       | S1      | Insulation Class       | F                           |
| Frame                      | 355MA   | Enclosure              | Totally Enclosed Fan Cooled |
| Ambient Temperature        | 40 °C   | Drive End Bearing Size | 6322                        |
| Opp Drive End Bearing Size | 6322    | 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                 | 6                | Rotation              | Bi-Directional |
| Mounting              | B5               | Motor Orientation     | Horizontal     |
| Drive End Bearing     | C3               | Opp Drive End Bearing | С3             |
| Frame Material        | Cast Iron        | Shaft Type            | Keyed          |
| Overall Length        | 1542.00 mm       | Frame Length          | 1010.00 mm     |
| Shaft Diameter        | 95.000 mm        | Shaft Extension       | 170 mm         |
| Assembly/Box Mounting | Тор              |                       |                |
| Outline Drawing       | B5A04T8350011B01 | Connection Drawing    | SC-01-T-1v-1a  |
|                       |                  |                       |                |

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