Product Information Packet: Model No: TCA0154AF131GAC010, Catalog No:TCA0154AF131GAC010 TerraMAX® Cast Iron Motor, 20 HP, 3 Ph, 50 Hz, 380 V, 750 RPM, 200L Frame, TEFC



## Nameplate Specifications

| Output HP              | 20 Hp         | Output KW                  | 15.0 kW                     |
|------------------------|---------------|----------------------------|-----------------------------|
| Frequency              | 50 Hz         | Voltage                    | 380 V                       |
| Current                | 35.8 A        | Speed                      | 739 rpm                     |
| Service Factor         | 1             | Phase                      | 3                           |
| Efficiency             | 89.6 %        | Power Factor               | 0.71                        |
| Duty                   | S1            | Insulation Class           | F                           |
| Frame                  | 200L          | Enclosure                  | Totally Enclosed Fan Cooled |
| Thermal Protection     | No Protection | Ambient Temperature        | 40 °C                       |
| Drive End Bearing Size | 6312          | Opp Drive End Bearing Size | 6212                        |
| UL                     | No            | CSA                        | No                          |
| CE                     | Yes           | IP Code                    | 55                          |
| Number of Speeds       | 1             | Efficiency Class           | IE3                         |
|                        |               |                            |                             |

## **Technical Specifications**

| Electrical Type       | Squirrel Cage | Starting Method       | Direct On Line |  |
|-----------------------|---------------|-----------------------|----------------|--|
| Poles                 | 8             | Rotation              | Bi-Directional |  |
| Mounting              | B35           | Motor Orientation     | Horizontal     |  |
| Drive End Bearing     | C3            | Opp Drive End Bearing | C3             |  |
| Frame Material        | Cast Iron     | Shaft Type            | Keyed          |  |
| Overall Length        | 769 mm        | Frame Length          | 370 mm         |  |
| Shaft Diameter        | 55 mm         | Shaft Extension       | 110 mm         |  |
| Assembly/Box Mounting | Тор           |                       |                |  |
| Connection Drawing    | 8442000085    | Outline Drawing       | 0220000343     |  |
|                       |               |                       |                |  |

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