Product Information Packet: Model No: TCA0373AF141GAC010, Catalog No:TCA0373AF141GAC010 TerraMAX® Cast Iron Motor, 50 HP, 3 Ph, 50 Hz, 380 V, 1000 RPM, 250M Frame, TEFC



## Nameplate Specifications

| Output HP              | 50 Hp         | Output KW                  | 37.0 kW                     |
|------------------------|---------------|----------------------------|-----------------------------|
| Frequency              | 50 Hz         | Voltage                    | 380 V                       |
| Current                | 73.5 A        | Speed                      | 987 rpm                     |
| Service Factor         | 1             | Phase                      | 3                           |
| Efficiency             | 93.3 %        | Power Factor               | 0.82                        |
| Duty                   | S1            | Insulation Class           | F                           |
| Frame                  | 250M          | Enclosure                  | Totally Enclosed Fan Cooled |
| Thermal Protection     | No Protection | Ambient Temperature        | 40 °C                       |
| Drive End Bearing Size | 6314          | Opp Drive End Bearing Size | 6314                        |
| 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                 | 6             | Rotation              | Bi-Directional |
| Mounting              | V1            | Motor Orientation     | Shaftdown      |
| Drive End Bearing     | СЗ            | Opp Drive End Bearing | СЗ             |
| Frame Material        | Cast Iron     | Shaft Type            | Keyed          |
| Overall Length        | 1044 mm       | Frame Length          | 460 mm         |
| Shaft Diameter        | 65 mm         | Shaft Extension       | 140 mm         |
| Assembly/Box Mounting | Тор           |                       |                |
| Outline Drawing       | 0225000381    | Connection Drawing    | 8442000085     |

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:12/01/2022