Product Information Packet: Model No: TCA2P23A1141GAC010, Catalog No:TCA2P23A1141GAC010 TerraMAX® Cast Iron Motor, 3 HP, 3 Ph, 50 Hz, 400 V, 1000 RPM, 112M Frame, TEFC



## Nameplate Specifications

| Output HP              | 3 Hp          | Output KW                  | 2.2 kW                      |
|------------------------|---------------|----------------------------|-----------------------------|
| Frequency              | 50 Hz         | Voltage                    | 400 V                       |
| Current                | 5.2 A         | Speed                      | 958 rpm                     |
| Service Factor         | 1             | Phase                      | 3                           |
| Efficiency             | 84.3 %        | Power Factor               | 0.73                        |
| Duty                   | <b>S1</b>     | Insulation Class           | F                           |
| Frame                  | 112M          | Enclosure                  | Totally Enclosed Fan Cooled |
| Thermal Protection     | No Protection | Ambient Temperature        | 40 °C                       |
| Drive End Bearing Size | 6306          | Opp Drive End Bearing Size | 6206                        |
| UL                     | No            | CSA                        | No                          |
| CE                     | Yes           | IP Code                    | 55                          |
|                        |               |                            |                             |

## **Technical Specifications**

| Electrical Type       | Squirrel Cage | Starting Method       | Direct On Line |  |
|-----------------------|---------------|-----------------------|----------------|--|
| Poles                 | 6             | Rotation              | Bi-Directional |  |
| Mounting              | V1            | Motor Orientation     | Shaftdown      |  |
| Drive End Bearing     | 2z-C3         | Opp Drive End Bearing | 2z-C3          |  |
| Frame Material        | Cast Iron     | Shaft Type            | Keyed          |  |
| Overall Length        | 445 mm        | Frame Length          | 174 mm         |  |
| Shaft Diameter        | 28 mm         | Shaft Extension       | 60 mm          |  |
| Assembly/Box Mounting | Тор           |                       |                |  |
| Connection Drawing    | 8442000085    | Outline Drawing       | 0211200269     |  |
|                       |               |                       |                |  |

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