Product Information Packet: Model No: TCA2P22AF113GAC010, Catalog No:TCA2P22AF113GAC010 TerraMAX® Cast Iron Motor, 3 HP, 3 Ph, 50 Hz, 380 V, 1500 RPM, 100L Frame, TEFC



## Nameplate Specifications

| Output HP              | 3 Hp          | Output KW                  | 2.2 kW                      |
|------------------------|---------------|----------------------------|-----------------------------|
| Frequency              | 50 Hz         | Voltage                    | 380 V                       |
| Current                | 4.6 A         | Speed                      | 1456 rpm                    |
| Service Factor         | 1             | Phase                      | 3                           |
| Efficiency             | 86.7 %        | Power Factor               | 0.84                        |
| Duty                   | S1            | Insulation Class           | F                           |
| Frame                  | 100L          | Enclosure                  | Totally Enclosed Fan Cooled |
| Thermal Protection     | No Protection | Ambient Temperature        | 40 °C                       |
| Drive End Bearing Size | 6206          | Opp Drive End Bearing Size | 6206                        |
| 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                 | 4             | Rotation              | Bi-Directional |
| Mounting              | В3            | Motor Orientation     | Horizontal     |
| Drive End Bearing     | 2Z-C3         | Opp Drive End Bearing | 2Z-C3          |
| Frame Material        | Cast Iron     | Shaft Type            | Keyed          |
| Overall Length        | 398 mm        | Frame Length          | 200 mm         |
| Shaft Diameter        | 28 mm         | Shaft Extension       | 60 mm          |
| Assembly/Box Mounting | R Side        |                       |                |
| Connection Drawing    | 8442000085    | Outline Drawing       | 0210000505     |

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