Product Information Packet: Model No: TCA7P52A1141GAC010, Catalog No:TCA7P52A1141GAC010 TerraMAX® Cast Iron Motor, 10 HP, 3 Ph, 50 Hz, 400 V, 1500 RPM, 132M Frame, TEFC

## marathon®

## Nameplate Specifications

| Output HP                                    | 10 Hp                 | Output KW   | 7.5 kW                      |
|--|-----------------------|---|-----------------------------|
| Frequency                                    | 50 Hz                 | Voltage   | 400 V                       |
| Current                                      | 14.4 A                | Speed   | 1470 rpm                    |
| Service Factor                               | 1                     | Phase   | 3                           |
| Efficiency                                   | 90.4 %                | Power Factor                                      | 0.83                        |
| Duty   | S1                    | Insulation Class                                  | F                           |
|  |                       | <b>F</b> 1  |                             |
| Frame  | 132M                  | Enclosure   | Totally Enclosed Fan Cooled |
| Frame<br>Thermal Protection                  | 132M<br>No Protection | Ambient Temperature                               | 40 °C                       |
|  |                       |   |                             |
| Thermal Protection                           | No Protection         | Ambient Temperature                               | 40 °C                       |
| Thermal Protection<br>Drive End Bearing Size | No Protection<br>6308 | Ambient Temperature<br>Opp Drive End Bearing Size | 40 °C<br>6208               |

## **Technical Specifications**

| Electrical Type       | Squirrel Cage | Starting Method       | Direct On Line |
|-----------------------|---------------|-----------------------|----------------|
| Poles                 | 4             | 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        | 567 mm        | Frame Length          | 240 mm         |
| Shaft Diameter        | 38 mm         | Shaft Extension       | 80 mm          |
| Assembly/Box Mounting | Тор           |                       |                |
| Connection Drawing    | 8442000085    | Outline Drawing       | 0213200595     |

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