Product Information Packet: Model No: QCA7P51A1141GAA001, Catalog No:QCA7P51A1141GAA001 TerraMAX® Cast Iron Motor, 10 HP, 3 Ph, 50 Hz, 400 V, 3000 RPM, 132S Frame, TEFC

## marathon®

## Nameplate Specifications

| Output HP              | 10 Hp         | Output KW                         | 7.5 kW                      |
|------------------------|---------------|-----------------------------------|-----------------------------|
| Frequency              | 50 Hz         | Voltage                           | 400 V                       |
| Current                | 13.3 A        | Speed                             | 2943 rpm                    |
| Service Factor         | 1             | Phase                             | 3                           |
| Efficiency             | 91.7 %        | Power Factor                      | 0.89                        |
| Duty                   | S1            | Insulation Class                  | F                           |
| Frame                  | 132S          | Enclosure                         | Totally Enclosed Fan Cooled |
| Thermal Protection     | No Protection | Ambient Temperature               | 40 °C                       |
|                        |               |                                   |                             |
| Drive End Bearing Size | 6308          | Opp Drive End Bearing Size        | 6208                        |
| Drive End Bearing Size | 6308<br>No    | Opp Drive End Bearing Size<br>CSA | 6208<br>No                  |
|                        |               |                                   |                             |

## **Technical Specifications**

| Electrical Type       | Squirrel Cage | Starting Method       | Direct On Line        |  |
|-----------------------|---------------|-----------------------|-----------------------|--|
| Poles                 | 2             | Rotation              | <b>Bi-Directional</b> |  |
| 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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