Product Information Packet: Model No: QCA1P11AF113GAA001, Catalog No:QCA1P11AF113GAA001 TerraMAX® Cast Iron Motor, 1.50 HP, 3 Ph, 50 Hz, 380 V, 3000 RPM, 80M Frame, TEFC

## marathon®

## Nameplate Specifications

| Output HP                                    | 1.50 Hp               | Output KW   | 1.1 kW                               |
|--|-----------------------|---|--------------------------------------|
| Frequency                                    | 50 Hz                 | Voltage   | 380 V                                |
| Current                                      | 2.4 A                 | Speed   | 2891 rpm                             |
| Service Factor                               | 1                     | Phase   | 3                                    |
| Efficiency                                   | 85.2 %                | Power Factor                                      | 0.84                                 |
| Duty   | S1                    | Insulation Class                                  | F                                    |
|  |                       |   |                                      |
| Frame  | 80M                   | Enclosure   | Totally Enclosed Fan Cooled          |
| Frame<br>Thermal Protection                  | 80M<br>No Protection  | Enclosure<br>Ambient Temperature                  | Totally Enclosed Fan Cooled<br>40 °C |
|  |                       |   |                                      |
| Thermal Protection                           | No Protection         | Ambient Temperature                               | 40 °C                                |
| Thermal Protection<br>Drive End Bearing Size | No Protection<br>6204 | Ambient Temperature<br>Opp Drive End Bearing Size | 40 °C<br>6204                        |

## **Technical Specifications**

| Electrical Type       | Squirrel Cage | Starting Method       | Direct On Line |
|-----------------------|---------------|-----------------------|----------------|
| Poles                 | 2             | Rotation              | Bi-Directional |
| Mounting              | B3            | Motor Orientation     | Horizontal     |
| Drive End Bearing     | 2z-C3         | Opp Drive End Bearing | 2z-C3          |
| Frame Material        | Cast Iron     | Shaft Type            | Keyed          |
| Overall Length        | 281 mm        | Frame Length          | 140 mm         |
| Shaft Diameter        | 19 mm         | Shaft Extension       | 40 mm          |
| Assembly/Box Mounting | R Side        |                       |                |
| Outline Drawing       | 0208000371    | Connection Drawing    | 8442000085     |

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