Product Information Packet: Model No: SCA2P21A1181GAA001, Catalog No:SCA2P21A1181GAA001 TerraMAX® Cast Iron Motor, 3 HP, 3 Ph, 50 Hz, 400 V, 3000 RPM, 90L Frame, TEFC

## marathon®

## Nameplate Specifications

| Output HP                                    | 3 Нр                  | Output KW                                         | 2.2 kW                               |
|----------------------------------------------|-----------------------|---------------------------------------------------|--------------------------------------|
| Frequency                                    | 50 Hz                 | Voltage                                           | 400 V                                |
| Current                                      | 4.3 A                 | Speed                                             | 2868 rpm                             |
| Service Factor                               | 1                     | Phase                                             | 3                                    |
| Efficiency                                   | 83.2 %                | Power Factor                                      | 0.88                                 |
| Duty                                         | S1                    | Insulation Class                                  | F                                    |
|                                              |                       |                                                   |                                      |
| Frame                                        | 90L                   | Enclosure                                         | Totally Enclosed Fan Cooled          |
| Frame<br>Thermal Protection                  | 90L<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>6205 | Ambient Temperature<br>Opp Drive End Bearing Size | 40 °C<br>6205                        |

## **Technical Specifications**

| Electrical Type       | Squirrel Cage | Starting Method       | Direct On Line |  |
|-----------------------|---------------|-----------------------|----------------|--|
| Poles                 | 2             | Rotation              | Bi-Directional |  |
| Mounting              | B14B          | Motor Orientation     | Horizontal     |  |
| Drive End Bearing     | 2z-C3         | Opp Drive End Bearing | 2z-C3          |  |
| Frame Material        | Cast Iron     | Shaft Type            | Keyed          |  |
| Overall Length        | 332 mm        | Frame Length          | 153 mm         |  |
| Shaft Diameter        | 24 mm         | Shaft Extension       | 50 mm          |  |
| Assembly/Box Mounting | Тор           |                       |                |  |
| Connection Drawing    | 8442000085    | Outline Drawing       | 0209000875     |  |

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