Product Information Packet: Model No: SCA18P2A1131GAA001, Catalog No:SCA18P2A1131GAA001 TerraMAX® Cast Iron Motor, 25 HP, 3 Ph, 50 Hz, 400 V, 1500 RPM, 180M Frame, TEFC

## marathon®

## Nameplate Specifications

| Output HP                                    | 25 Hp                 | Output KW   | 18.5 kW                              |
|--|-----------------------|---|--------------------------------------|
| Frequency                                    | 50 Hz                 | Voltage   | 400 V                                |
| Current                                      | 33.7 A                | Speed   | 1469 rpm                             |
| Service Factor                               | 1                     | Phase   | 3                                    |
| Efficiency                                   | 91.2 %                | Power Factor                                      | 0.87                                 |
| Duty   | S1                    | Insulation Class                                  | F                                    |
|  |                       |   |                                      |
| Frame  | 180M                  | Enclosure   | Totally Enclosed Fan Cooled          |
| Frame<br>Thermal Protection                  | 180M<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>6311 | Ambient Temperature<br>Opp Drive End Bearing Size | 40 °C<br>6211                        |

## **Technical Specifications**

| Electrical Type       | Squirrel Cage | Starting Method       | Direct On Line |
|-----------------------|---------------|-----------------------|----------------|
| Poles                 | 4             | Rotation              | Bi-Directional |
| Mounting              | B35           | Motor Orientation     | Horizontal     |
| Drive End Bearing     | 2z-C3         | Opp Drive End Bearing | 2z-C3          |
| Frame Material        | Cast Iron     | Shaft Type            | Keyed          |
| Overall Length        | 712 mm        | Frame Length          | 328 mm         |
| Shaft Diameter        | 48 mm         | Shaft Extension       | 110 mm         |
| Assembly/Box Mounting | Тор           |                       |                |
| Outline Drawing       | 0218000849    | Connection Drawing    | 8442000085     |

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