## Product Information Packet: Model No: SCA0451A3121GAAD01, Catalog No:SCA0451A3121GAAD01 TerraMAX® Cast Iron Motor, 60 HP, 3 Ph, 50 Hz, 415 V, 3000 RPM, 225M Frame, TEFC

## marathon®

## Nameplate Specifications

| Output HP                                    | 60 Hp                 | Output KW   | 45.0 kW                      |
|--|-----------------------|---|------------------------------|
| Frequency                                    | 50 Hz                 | Voltage   | 415 V                        |
| Current                                      | 75.8 A                | Speed   | 2970 rpm                     |
| Service Factor                               | 1                     | Phase   | 3                            |
| Efficiency                                   | 92.9 %                | Power Factor                                      | 0.89                         |
| Duty   | S1                    | Insulation Class                                  | F                            |
| Frame  | 225M                  | Enclosure   | Totally Enclosed Fan Cooled  |
| Trame  |                       | Enelecare   | Totally Enclosed Fall Cooled |
| Thermal Protection                           | No Protection         | Ambient Temperature                               | 50 °C                        |
|  |                       |   | •                            |
| Thermal Protection                           | No Protection         | Ambient Temperature                               | 50 °C                        |
| Thermal Protection<br>Drive End Bearing Size | No Protection<br>6313 | Ambient Temperature<br>Opp Drive End Bearing Size | 50 °C<br>6213                |

## **Technical Specifications**

| Electrical Type       | Squirrel Cage | Starting Method       | Direct On Line |
|-----------------------|---------------|-----------------------|----------------|
| Poles                 | 2             | Rotation              | Bi-Directional |
| Mounting              | B5            | Motor Orientation     | Horizontal     |
| Drive End Bearing     | СЗ            | Opp Drive End Bearing | C3             |
| Frame Material        | Cast Iron     | Shaft Type            | Keyed          |
| Overall Length        | 832 mm        | Frame Length          | 425 mm         |
| Shaft Diameter        | 55 mm         | Shaft Extension       | 110 mm         |
| Assembly/Box Mounting | ТОР           |                       |                |
| Connection Drawing    | 8442000085    | Outline Drawing       | 0222500896     |

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