Product Information Packet: Model No: TCA18P1A1141GAC010, Catalog No:TCA18P1A1141GAC010 TerraMAX® Cast Iron Motor, 25 HP, 3 Ph, 50 Hz, 400 V, 3000 RPM, 160L Frame, TEFC

## marathon®

## Nameplate Specifications

| Output HP                                    | 25 Hp                 | Output KW   | 18.5 kW                     |
|--|-----------------------|---|-----------------------------|
| Frequency                                    | 50 Hz                 | Voltage   | 400 V                       |
| Current                                      | 31.8 A                | Speed   | 2953 rpm                    |
| Service Factor                               | 1                     | Phase   | 3                           |
| Efficiency                                   | 92.4 %                | Power Factor                                      | 0.91                        |
| Duty   | S1                    | Insulation Class                                  | F                           |
| Frame  | 160L                  | Enclosure   | Totally Enclosed Fan Cooled |
|  |                       |   |                             |
| Thermal Protection                           | No Protection         | Ambient Temperature                               | 40 °C                       |
|  | No Protection<br>6309 | Ambient Temperature<br>Opp Drive End Bearing Size | 40 °C<br>6209               |
| Thermal Protection                           |                       |   |                             |
| Thermal Protection<br>Drive End Bearing Size | 6309                  | Opp Drive End Bearing Size                        | 6209                        |

## **Technical Specifications**

| Electrical Type       | Squirrel Cage | Starting Method       | Direct On Line |
|-----------------------|---------------|-----------------------|----------------|
| Poles                 | 2             | Rotation              | Bi-Directional |
| 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        | 735 mm        | Frame Length          | 298 mm         |
| Shaft Diameter        | 42 mm         | Shaft Extension       | 110 mm         |
| Assembly/Box Mounting | Тор           |                       |                |
| Outline Drawing       | 0216000447    | Connection Drawing    | 8442000085     |

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