Product Information Packet: Model No: TCN0044A1141GAC010, Catalog No:TCN0044A1141GAC010 TerraMAX® Cast Iron Motor, 5.50 HP, 3 Ph, 50 Hz, 400 V, 750 RPM, 160M Frame, TEFC

## marathon°

## Nameplate Specifications

| Phase                  | 3             | Output HP                  | 5.50 Hp                     |
|------------------------|---------------|----------------------------|-----------------------------|
| Output KW              | 4.0 kW        | Voltage                    | 400 V                       |
| Speed                  | 730 r/min     | Service Factor             | 1                           |
| Frame                  | 160M          | Enclosure                  | Totally Enclosed Fan Cooled |
| Thermal Protection     | No Protection | Efficiency                 | 84.8 %                      |
| Ambient Temperature    | 40 °C         | Frequency                  | 50 Hz                       |
| Current                | 9.9 A         | Power Factor               | 0.69                        |
| Duty                   | S1            | Insulation Class           | F                           |
| Drive End Bearing Size | 6309          | Opp Drive End Bearing Size | 6209                        |
| UL                     | No            | CSA                        | No                          |
| CE                     | Yes           | IP Code                    | 55                          |
| Number of Speeds       | 1             | Efficiency Class           | IE3                         |

## **Technical Specifications**

| Electrical Type       | Squirrel Cage | Starting Method       | Direct On Line |
|-----------------------|---------------|-----------------------|----------------|
| Poles                 | 8             | 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        | 691 mm        | Frame Length          | 254 mm         |
| Shaft Diameter        | 42 mm         | Shaft Extension       | 110 mm         |
| Assembly/Box Mounting | Тор           |                       |                |
| Outline Drawing       | 0216000554    | Connection Drawing    | 8442000085     |

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