Product Information Packet: Model No: SCA0752A1113GAA001, Catalog No:SCA0752A1113GAA001 TerraMAX® Cast Iron Motor, 100 HP, 3 Ph, 50 Hz, 400 V, 1500 RPM, 280S Frame, TEFC

## marathon®

## Nameplate Specifications

| Output HP              | 100 Нр        | Output KW                  | 75.0 kW                     |
|------------------------|---------------|----------------------------|-----------------------------|
| Frequency              | 50 Hz         | Voltage                    | 400 V                       |
| Current                | 130.9 A       | Speed                      | 1483 rpm                    |
| Service Factor         | 1             | Phase                      | 3                           |
| Efficiency             | 94 %          | Power Factor               | 0.88                        |
| Duty                   | S1            | Insulation Class           | F                           |
| Frame                  | 280S          | Enclosure                  | Totally Enclosed Fan Cooled |
| Thermal Protection     | No Drotestion |                            | (a.a.                       |
|                        | No Protection | Ambient Temperature        | 40 °C                       |
| Drive End Bearing Size | 6317          | Opp Drive End Bearing Size | 40 °C<br>6317               |
|                        |               | -                          |                             |
| Drive End Bearing Size | 6317          | Opp Drive End Bearing Size | 6317                        |

## **Technical Specifications**

| Electrical Type       | Squirrel Cage | Starting Method       | Direct On Line |
|-----------------------|---------------|-----------------------|----------------|
| Poles                 | 4             | Rotation              | Bi-Directional |
| Mounting              | B3            | Motor Orientation     | Horizontal     |
| Drive End Bearing     | СЗ            | Opp Drive End Bearing | C3             |
| Frame Material        | Cast Iron     | Shaft Type            | Keyed          |
| Overall Length        | 1010 mm       | Frame Length          | 499 mm         |
| Shaft Diameter        | 75 mm         | Shaft Extension       | 140 mm         |
| Assembly/Box Mounting | R Side        |                       |                |
| Connection Drawing    | 8442000085    | Outline Drawing       | 0228001212     |

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