Product Information Packet: Model No: QCA0902AF133GAA001, Catalog No:QCA0902AF133GAA001 TerraMAX® Cast Iron Motor, 120 HP, 3 Ph, 50 Hz, 380 V, 1500 RPM, 280M Frame, TEFC

## marathon®

## Nameplate Specifications

| Output HP                                    | 120 Нр                | Output KW   | 90.0 kW                     |
|--|-----------------------|---|-----------------------------|
| Frequency                                    | 50 Hz                 | Voltage   | 380 V                       |
| Current                                      | 164.8 A               | Speed   | 1490 rpm                    |
| Service Factor                               | 1                     | Phase   | 3                           |
| Efficiency                                   | 96.1 %                | Power Factor                                      | 0.87                        |
| Duty   | S1                    | Insulation Class                                  | F                           |
| Frame  | 280M                  | Enclosure   | Totally Enclosed Fan Cooled |
| Traine                                       | 200101                | Eliciosule  |                             |
| Thermal Protection                           | No Protection         | Ambient Temperature                               | 40 °C                       |
|  |                       |   | -                           |
| Thermal Protection                           | No Protection         | Ambient Temperature                               | 40 °C                       |
| Thermal Protection<br>Drive End Bearing Size | No Protection<br>6317 | Ambient Temperature<br>Opp Drive End Bearing Size | 40 °C<br>6317               |

## **Technical Specifications**

| Electrical Type       | Squirrel Cage | Starting Method       | Direct On Line |
|-----------------------|---------------|-----------------------|----------------|
| Poles                 | 4             | Rotation              | Bi-Directional |
| Mounting              | B35           | Motor Orientation     | Horizontal     |
| Drive End Bearing     | Сз            | Opp Drive End Bearing | СЗ             |
| Frame Material        | Cast Iron     | Shaft Type            | Keyed          |
| Overall Length        | 1111 mm       | Frame Length          | 600 mm         |
| Shaft Diameter        | 75 mm         | Shaft Extension       | 140 mm         |
| Assembly/Box Mounting | R Side        |                       |                |
| Outline Drawing       | 0228000973    | Connection Drawing    | 8442000085     |

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