Product Information Packet: Model No: TCA1504A3131GACD01, Catalog No:TCA1504A3131GACD01 TerraMAX® Cast Iron Motor, 200 HP, 3 Ph, 50 Hz, 415 V, 355M Frame



## Nameplate Specifications

| Phase                  | 3             | Output HP                  | 200 Hp                      |
|------------------------|---------------|----------------------------|-----------------------------|
| Output KW              | 150.0 kW      | Voltage                    | 415 V                       |
| Speed                  | 742 r/min     | Service Factor             | 1                           |
| Frame                  | 355M          | Enclosure                  | Totally Enclosed Fan Cooled |
| Thermal Protection     | No Protection | Efficiency                 | 94.2 %                      |
| Ambient Temperature    | 50 °C         | Frequency                  | 50 Hz                       |
| Current                | 266.9 A       | Power Factor               | 0.83                        |
| Duty                   | S1            | Insulation Class           | F                           |
| Drive End Bearing Size | 6322          | Opp Drive End Bearing Size | 6322                        |
| 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              | B35           | Motor Orientation     | Horizontal     |  |
| Drive End Bearing     | С3            | Opp Drive End Bearing | C3             |  |
| Frame Material        | Cast Iron     | Shaft Type            | Keyed          |  |
| Overall Length        | 1542 mm       | Frame Length          | 1010 mm        |  |
| Shaft Diameter        | 95 mm         | Shaft Extension       | 170 mm         |  |
| Assembly/Box Mounting | Тор           |                       |                |  |
| Connection Drawing    | 8442000085    | Outline Drawing       | 0235501830     |  |
|                       |               |                       |                |  |

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