Product Information Packet: Model No: TCA7P52A3131GACD01, Catalog No:TCA7P52A3131GACD01 Cast Iron Motor, 10 HP, 3 Ph, 50 Hz, 415 V, 1500 RPM, 132M Frame, TEFC



## Nameplate Specifications

| 10 Hp         | Output KW                                                   | 7.5 kW                                                                                                                                                      |
|---------------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 50 Hz         | Voltage                                                     | 415 V                                                                                                                                                       |
| 13.7 A        | Speed                                                       | 1469 rpm                                                                                                                                                    |
| 1             | Phase                                                       | 3                                                                                                                                                           |
| 90.4 %        | Power Factor                                                | 0.84                                                                                                                                                        |
| S1            | Insulation Class                                            | F                                                                                                                                                           |
| 132M          | Enclosure                                                   | Totally Enclosed Fan Cooled                                                                                                                                 |
| No Protection | Ambient Temperature                                         | 50 °C                                                                                                                                                       |
| 6308          | Opp Drive End Bearing Size                                  | 6208                                                                                                                                                        |
| No            | CSA                                                         | No                                                                                                                                                          |
| Yes           | IP Code                                                     | 55                                                                                                                                                          |
| 1             | Efficiency Class                                            | IE3                                                                                                                                                         |
|               | 50 Hz  13.7 A  1  90.4 %  S1  132M  No Protection  6308  No | 50 HzVoltage13.7 ASpeed1Phase90.4 %Power FactorS1Insulation Class132MEnclosureNo ProtectionAmbient Temperature6308Opp Drive End Bearing SizeNoCSAYesIP Code |

## **Technical Specifications**

| Electrical Type       | Squirrel Cage | Starting Method       | Direct On Line |
|-----------------------|---------------|-----------------------|----------------|
| Poles                 | 4             | Rotation              | Bi-Directional |
| Mounting              | B35           | Motor Orientation     | Horizontal     |
| Drive End Bearing     | 2z-C3         | Opp Drive End Bearing | 2z-C3          |
| Frame Material        | Cast Iron     | Shaft Type            | Keyed          |
| Overall Length        | 503 mm        | Frame Length          | 240 mm         |
| Shaft Diameter        | 38 mm         | Shaft Extension       | 80 mm          |
| Assembly/Box Mounting | Тор           |                       |                |
| Connection Drawing    | 8442000085    | Outline Drawing       | 0213200588     |

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