Product Information Packet: Model No: LM20394, Catalog No:LM20394 Automotive Duty Motor, 15 HP, 3 Ph, 60 Hz, 460 V, 3600 RPM, 256U Frame, TEFC

## Nameplate Specifications

| Output HP              | 15 Hp         | Output KW                  | 11.2 kW                     |
|------------------------|---------------|----------------------------|-----------------------------|
| Frequency              | 60 Hz         | Voltage                    | 460 V                       |
| Current                | 17.5 A        | Speed                      | 3550 rpm                    |
| Service Factor         | 1             | Phase                      | 3                           |
| Efficiency             | 91.7 %        | Power Factor               | 85                          |
| Duty                   | Continuous    | Insulation Class           | F                           |
| Design Code            | В             | KVA Code                   | G                           |
| Frame                  | 256U          | Enclosure                  | Totally Enclosed Fan Cooled |
| Thermal Protection     | No Protection | Ambient Temperature        | 65 °C                       |
| Drive End Bearing Size | 309           | Opp Drive End Bearing Size | 210                         |
| UL                     | Recognized    | CSA                        | Y                           |
| CE                     | Y             | IP Code                    | 43                          |
| Number of Speeds       | 1             |                            |                             |

## **Technical Specifications**

| Electrical Type       | Squirrel Cage Induction Run | Starting Method       | Across The Line |
|-----------------------|-----------------------------|-----------------------|-----------------|
| Poles                 | 2                           | Rotation              | Reversible      |
| Resistance Main       | .603 Ohms                   | Mounting              | Rigid Base      |
| Motor Orientation     | Horizontal                  | Drive End Bearing     | Ball            |
| Opp Drive End Bearing | Ball                        | Frame Material        | Cast Iron       |
| Shaft Type            | U                           | Overall Length        | 25.02 in        |
| Frame Length          | 12.25 in                    | Shaft Diameter        | 1.375 in        |
| Shaft Extension       | 3.75 in                     | Assembly/Box Mounting | F1/F2 CAPABLE   |
| Connection Drawing    | A-EE7300-LN                 | Outline Drawing       | SS203362LN-1225 |

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