Product Information Packet: Model No: LM34112, Catalog No:LM34112 Automotive Duty Motor, 3 HP, 3 Ph, 60 Hz, 460 V, 1800 RPM, 213UC Frame, TEFC

## Nameplate Specifications

| Output HP              | 3 Нр          | Output KW                  | 2.2 kW                      |
|------------------------|---------------|----------------------------|-----------------------------|
| Frequency              | 60 Hz         | Voltage                    | 460 V                       |
| Current                | 3.9 A         | Speed                      | 1775 rpm                    |
| Service Factor         | 1             | Phase                      | 3                           |
| Efficiency             | 89.5 %        | Power Factor               | 81                          |
| Duty                   | Continuous    | Insulation Class           | F                           |
| Design Code            | В             | KVA Code                   | к                           |
| Frame                  | 213UC         | Enclosure                  | Totally Enclosed Fan Cooled |
| Thermal Protection     | No Protection | Ambient Temperature        | 65 ℃                        |
| Drive End Bearing Size | 6309          | Opp Drive End Bearing Size | 6208                        |
| 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                 | 4                           | Rotation              | Reversible      |
| Resistance Main       | 2.385 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        | 20.00 in        |
| Frame Length          | 9.12 in                     | Shaft Diameter        | 1.125 in        |
| Shaft Extension       | 2.75 in                     | Assembly/Box Mounting | F1/F2 CAPABLE   |
| Outline Drawing       | 037999-912                  | Connection Drawing    | EE7300-LN       |

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:09/07/2022