

Product Information Packet: Model No: 5013LSTFS6595, Catalog No:E363 Severe Duty Motors, TEFC, 450 HP, 3 Ph, 60 Hz, 460 V, 1190 RPM, 5013LS Frame

Nameplate Specifications

|                        |               |                            |                             |
|------------------------|---------------|----------------------------|-----------------------------|
| Output HP              | 450 Hp        | Output KW                  | 340.0 kW                    |
| Frequency              | 60 Hz         | Voltage                    | 460 V                       |
| Current                | 525.0 A       | Speed                      | 1190 rpm                    |
| Service Factor         | 1.15          | Phase                      | 3                           |
| Efficiency             | 96.2 %        | Power Factor               | 83.5                        |
| Duty                   | Continuous    | Insulation Class           | H                           |
| Design Code            | B             | KVA Code                   | F                           |
| Frame                  | 5013LS        | Enclosure                  | Totally Enclosed Fan Cooled |
| Thermal Protection     | No Protection | Ambient Temperature        | 40 °C                       |
| Drive End Bearing Size | 6322          | Opp Drive End Bearing Size | 6318                        |
| UL                     | No            | CSA                        | Y                           |
| CE                     | Y             | IP Code                    | 54                          |
| Number of Speeds       | 1             |                            |                             |

Technical Specifications

|                       |                              |                       |                  |
|-----------------------|------------------------------|-----------------------|------------------|
| Electrical Type       | Squirrel Cage Inverter Rated | Starting Method       | Line Or Inverter |
| Poles                 | 6                            | Rotation              | Reversible       |
| Resistance Main       | .008 Ohms                    | Mounting              | Rigid Base       |
| Motor Orientation     | Horizontal                   | Drive End Bearing     | Ball             |
| Opp Drive End Bearing | Ball                         | Frame Material        | Cast Iron        |
| Shaft Type            | LS                           | Overall Length        | 76.56 in         |
| Frame Length          | 58.52 in                     | Shaft Diameter        | 2.875 in         |
| Shaft Extension       | 6.05 in                      | Assembly/Box Mounting | F1/F2 CAPABLE    |
| Inverter Load         | CONSTANT 2:1                 |                       |                  |
| Connection Drawing    | A-EE7300T                    | Outline Drawing       | B-SS550575-5850  |

