Product Information Packet: Model No: 324TTDCD14049, Catalog No:U511A Fire Pump Motor, 40 HP, 3 Ph, 60 Hz, 190/380-400 V, 1800 RPM, 324T Frame, DP

## marathon®

## Nameplate Specifications

| Output HP              | 40 Hp             | Output KW                  | 30.0 kW       |
|------------------------|-------------------|----------------------------|---------------|
| Frequency              | 60 Hz             | Voltage                    | 190/380-400 V |
| Current                | 114.0/56.5-53.5 A | Speed                      | 1775 rpm      |
| Service Factor         | 1.15              | Phase                      | 3             |
| Efficiency             | 93 %              | Power Factor               | 84            |
| Duty                   | Continuous        | Insulation Class           | F             |
| Design Code            | В                 | KVA Code                   | G             |
| Frame                  | 324T              | Enclosure                  | Drip Proof    |
| Thermal Protection     | No Protection     | Ambient Temperature        | 50 °C         |
| Drive End Bearing Size | 6312              | Opp Drive End Bearing Size | 6311          |
| UL                     | Listed            | CSA                        | Y             |
| CE                     | Y                 | IP Code                    | 23            |
| Number of Speeds       | 1                 |                            |               |

## **Technical Specifications**

| Electrical Type       | Squirrel Cage Induction Run | Starting Method       | Part Wdg Start Low Volt Only & Wye<br>Start Delta Run |
|-----------------------|-----------------------------|-----------------------|---|
| Poles                 | 4                           | Rotation              | Reversible  |
| Resistance Main       | .265 Ohms                   | Mounting              | Rigid Base  |
| Motor Orientation     | Horizontal                  | Drive End Bearing     | Ball  |
| Opp Drive End Bearing | Ball                        | Frame Material        | Cast Iron   |
| Shaft Type            | т                           | Overall Length        | 28.55 in  |
| Frame Length          | 14.46 in                    | Shaft Diameter        | 2.125 in  |
| Shaft Extension       | 5.25 in                     | Assembly/Box Mounting | F1/F2 CAPABLE   |
| Connection Drawing    | EE7308AA                    | Outline Drawing       | SS620746-324T   |
|                       |                             |                       |   |

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