

# PRODUCT INFORMATION PACKET

**marathon**<sup>®</sup>  
Motors

Model No: 286TSTDBD4008  
Catalog No: U1106  
40,3600,DP,286TS,3/60/575  
Fire Pump



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**REGAL**<sup>®</sup>



### Nameplate Specifications

|                            |                   |                        |                   |
|----------------------------|-------------------|------------------------|-------------------|
| Output HP                  | <b>40 Hp</b>      | Output KW              | <b>30.0 kW</b>    |
| Frequency                  | <b>60 Hz</b>      | Voltage                | <b>575 V</b>      |
| Current                    | <b>37.5 A</b>     | Speed                  | <b>3555 rpm</b>   |
| Service Factor             | <b>1.15</b>       | Phase                  | <b>3</b>          |
| Efficiency                 | <b>91.7 %</b>     | Duty                   | <b>Continuous</b> |
| Insulation Class           | <b>F</b>          | Design Code            | <b>B</b>          |
| KVA Code                   | <b>F</b>          | Frame                  | <b>286TS</b>      |
| Enclosure                  | <b>Drip Proof</b> | Overload Protector     | <b>No</b>         |
| Ambient Temperature        | <b>50 °C</b>      | Drive End Bearing Size | <b>6211</b>       |
| Opp Drive End Bearing Size | <b>6211</b>       | UL                     | <b>No</b>         |
| CSA                        | <b>Y</b>          | CE                     | <b>Y</b>          |
| IP Code                    | <b>23</b>         |                        |                   |

### Technical Specifications

|                       |                                    |                       |   |
|-----------------------|------------------------------------|-----------------------|---|
| Electrical Type       | <b>Squirrel Cage Induction Run</b> | Starting Method       | <b>Part Wdg Start &amp; Wye Start Delta Run</b> |
| Poles                 | <b>2</b>                           | Rotation              | <b>Reversible</b>                               |
| Mounting              | <b>Rigid base</b>                  | Motor Orientation     | <b>HORIZONTAL</b>                               |
| Drive End Bearing     | <b>BALL</b>                        | Opp Drive End Bearing | <b>BALL</b>                                     |
| Frame Material        | <b>Rolled Steel</b>                | Shaft Type            | <b>TS</b>                                       |
| Overall Length        | <b>25.72 in</b>                    | Frame Length          | <b>13.97 in</b>                                 |
| Shaft Diameter        | <b>1.625 in</b>                    | Shaft Extension       | <b>3.25 in</b>                                  |
| Assembly/Box Mounting | <b>F1/F2 CAPABLE</b>               |                       |   |
| Outline Drawing       | <b>SS620709-286TS</b>              | Connection Diagram    | <b>EE7300BH</b>                                 |

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