

# PRODUCT INFORMATION PACKET



Model No: E100025.00

Catalog No: E100025.00

ecoSaver™ General Purpose Motor, 0.50 HP, 1 Ph, 60 Hz, 115/230 V, 1800 RPM, S56C Frame, DP



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## Nameplate Specifications

|                        |                      |                            |                   |
|------------------------|----------------------|----------------------------|-------------------|
| Phase                  | <b>1</b>             | Output HP                  | <b>0.50 Hp</b>    |
| Output KW              | <b>0.37 kW</b>       | Voltage                    | <b>115/230 V</b>  |
| Speed                  | <b>1725 rpm</b>      | Service Factor             | <b>1.25</b>       |
| Frame                  | <b>S56C</b>          | Enclosure                  | <b>Drip Proof</b> |
| Thermal Protection     | <b>No Protection</b> | Efficiency                 | <b>76.2 %</b>     |
| Ambient Temperature    | <b>40 °C</b>         | Frequency                  | <b>60 Hz</b>      |
| Current                | <b>4.6/2.3 A</b>     | Power Factor               | <b>91.6</b>       |
| Duty                   | <b>Continuous</b>    | Insulation Class           | <b>B</b>          |
| Design Code            | <b>N</b>             | KVA Code                   | <b>K</b>          |
| Drive End Bearing Size | <b>6203</b>          | Opp Drive End Bearing Size | <b>6203</b>       |
| UL                     | <b>Recognized</b>    | CSA                        | <b>Y</b>          |
| CE                     | <b>Y</b>             | IP Code                    | <b>22</b>         |
| Number of Speeds       | <b>1</b>             |                            |                   |

## Technical Specifications

|                       |                                      |                       |                                   |
|-----------------------|--------------------------------------|-----------------------|-----------------------------------|
| Electrical Type       | <b>Capacitor Start Capacitor Run</b> | Starting Method       | <b>Across The Line</b>            |
| Poles                 | <b>4</b>                             | Rotation              | <b>Selective Counterclockwise</b> |
| Resistance Main       | <b>0 Ohms</b>                        | Mounting              | <b>Round</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>NEMA 56</b>                       | Overall Length        | <b>11.49 in</b>                   |
| Frame Length          | <b>7.50 in</b>                       | Shaft Diameter        | <b>0.625 in</b>                   |
| Shaft Extension       | <b>1.88 in</b>                       | Assembly/Box Mounting | <b>F1 ONLY</b>                    |
| Connection Drawing    | <b>005054-15-REGAL</b>               | Outline Drawing       | <b>SS404326-750</b>               |