

# PRODUCT INFORMATION PACKET



Model No: K102V1  
Catalog No: K102V1

1.000 HP General Purpose Farm Duty Motor, 1 phase, 1800 RPM, 230/115 V, 143T Frame, TEFC  
Single Phase Farm Duty Motors



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**Nameplate Specifications**

|                    |                            |                     |                                    |
|--------------------|----------------------------|---------------------|------------------------------------|
| Output HP          | <b>1.000 Hp</b>            | Output KW           | <b>0.75 kW</b>                     |
| Frequency          | <b>60 Hz</b>               | Voltage             | <b>230/115 V</b>                   |
| Current            | <b>7.3/14.6 A</b>          | Speed               | <b>1745 rpm</b>                    |
| Service Factor     | <b>1</b>                   | Phase               | <b>1</b>                           |
| Duty               | <b>Continuous</b>          | Insulation Class    | <b>B</b>                           |
| Frame              | <b>N143T</b>               | Enclosure           | <b>Totally Enclosed Fan Cooled</b> |
| Thermal Protection | <b>Thermally Protected</b> | Ambient Temperature | <b>40 °C</b>                       |
| UL                 | <b>Recognized</b>          | CSA                 | <b>Y</b>                           |
| CE                 | <b>N</b>                   |                     |                                    |

**Technical Specifications**

|                       |                                      |                   |                                    |
|-----------------------|--------------------------------------|-------------------|------------------------------------|
| Electrical Type       | <b>Capacitor Start Induction Run</b> | Starting Method   | <b>Across The Line</b>             |
| Poles                 | <b>4</b>                             | Rotation          | <b>Reversible Counterclockwise</b> |
| Mounting              | <b>Rigid Base</b>                    | Drive End Bearing | <b>Ball</b>                        |
| Opp Drive End Bearing | <b>Ball</b>                          | Frame Material    | <b>Rolled Steel</b>                |
| Shaft Type            | <b>Keyed</b>                         | Overall Length    | <b>14.23 in</b>                    |
| Frame Length          | <b>7.25 in</b>                       | Shaft Diameter    | <b>0.875 in</b>                    |
| Shaft Extension       | <b>2.31 in</b>                       |                   |                                    |

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