

# PRODUCT INFORMATION PACKET



Model No: 122337.00

Catalog No: 122337.00

1.50 HP Variable Speed Motor, 3 phase, 1200 RPM, 230/460 V, 145TC Frame, TEFC  
2000:1 With Encoder Provision Motors



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### Nameplate Specifications

|                        |            |                            |                             |
|------------------------|------------|----------------------------|-----------------------------|
| Output HP              | 1.50 Hp    | Output KW                  | 1.1 kW                      |
| Frequency              | 60 Hz      | Voltage                    | 230/460 V                   |
| Current                | 5.7/2.9 A  | Speed                      | 1140 rpm                    |
| Service Factor         | 1          | Phase                      | 3                           |
| Efficiency             | 77 %       | Power Factor               | 64                          |
| Duty                   | Continuous | Insulation Class           | H                           |
| Design Code            | INV        | KVA Code                   | J                           |
| Frame                  | 145TC      | Enclosure                  | Totally Enclosed Fan Cooled |
| Thermal Protection     | No         | Ambient Temperature        | 40 °C                       |
| Drive End Bearing Size | 6205       | Opp Drive End Bearing Size | 6203                        |
| UL                     | Recognized | CSA                        | Y                           |
| CE                     | N          | IP Code                    | 43                          |

### Technical Specifications

|                       |                             |                       |               |
|-----------------------|-----------------------------|-----------------------|---------------|
| Electrical Type       | Squirrel Cage Inverter Duty | Starting Method       | Inverter Only |
| Poles                 | 6                           | Rotation              | Reversible    |
| Mounting              | Rigid base                  | Motor Orientation     | Horizontal    |
| Drive End Bearing     | Ball                        | Opp Drive End Bearing | Ball          |
| Frame Material        | Rolled Steel                | Shaft Type            | T             |
| Overall Length        | 13.42 in                    | Frame Length          | 7.50 in       |
| Shaft Diameter        | 0.875 in                    | Shaft Extension       | 2.25 in       |
| Assembly/Box Mounting | F1 Only                     |                       |               |

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