

PRODUCT INFORMATION PACKET



Model No: F451
Catalog No: F451
1/2-1/4 HP General Purpose Motor, 1 phase, 1800 RPM, 115 V, 56 Frame, TEFC
Single Phase TEFC Motors



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Nameplate Specifications

| | | | |
|--------------------|------------|---------------------|-----------------------------|
| Output HP | 1/2-1/4 Hp | Output KW | 0.37 kW |
| Frequency | 60 Hz | Voltage | 115 V |
| Current | 7.6/4.9 A | Speed | 1725/1140 rpm |
| Service Factor | 1 | Phase | 1 |
| Duty | Continuous | Insulation Class | B |
| Frame | 56 | Enclosure | Totally Enclosed Fan Cooled |
| Thermal Protection | None | Ambient Temperature | 40 °C |
| UL | Recognized | CSA | Y |
| CE | N | | |

Technical Specifications

| | | | |
|-----------------------|---|-------------------|----------------------------|
| Electrical Type | Split Phase, Induction Run, Multi-Speed | Starting Method | Across The Line |
| Poles | 4/6 | Rotation | Clockwise/Counterclockwise |
| Mounting | Rigid Base | Drive End Bearing | Ball |
| Opp Drive End Bearing | Ball | Frame Material | Rolled Steel |
| Shaft Type | Keyed | Overall Length | 11.66 in |
| Frame Length | 6.38 in | Shaft Diameter | 0.625 in |
| Shaft Extension | 1.94 in | | |

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