Features
- High Speed
- Ball Bearings
- Terminal Types – "T" Suffix
- 24 AWG Red (+) and Black (−) Leads – DC Types
- 22 AWG Black Leads – AC Types
- 11.8" (300mm) Lead Length

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Specifications

**Electrical Characteristics**

**Insulation Resistance:** 10MΩ Min. (at 500VDC) between frame and positive terminal

**Dielectric Strength:**

- **DC Types:** 500VAC, 1 minute; 600VAC, 1 sec at 5mA Max. between frame and positive terminal
- **AC Types:** 1500VAC, 1 minute; 1800VAC, 1 sec at 5mA Max. between frame and positive terminal

**Life Expectancy:**

- **DC Types:** Approx. 70000 hrs at rated voltage, +40°C, 15% to 65% RH
- **AC Types:** Approx. 50000 hrs at rated voltage, +25°C, 15% to 65% RH

**Mechanical Characteristics**

**Frame:**

- **DC Types:** Thermoplastic, Black, UL94V−0
- **AC Types:** Die−Cast Aluminum, Black

**Impeller:** Thermoplastic, Black, UL94V−0

**Bearing:**

- **DC Types:** 2 Ball Bearings
- **AC Types:** Ball Bearing

**Weight:**

- **DC Types:** Approx. 54g (15mm); 76g (25mm)
- **AC Types:** Approx. 208g (25mm); 340g (38mm)

**Environmental Characteristics**

**Operating Temperature:** −10°C to +70°C

**Storage Temperature:** −40°C to +75°C

**Operating Humidity:** 35% to 85% RH

**Storage Humidity:** 35% to 85% RH

**Protection**

**Polarity (DC Types ONLY):** Damage will not occur for up to 10 minutes with positive and negative leads connected in reverse.

**Locked Rotor:** Within 72 hours of a rotor locking condition, at the rated voltage and operating temperature, the impedance of the motor winding will protect the motor from damage.

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**Accessories**

| 80 X 80mm | Fan Guard, Metal | NTE Type No. | 77−MG80 |
| 80 X 80mm | Fan Filter, 3−Piece w/Cover | NTE Type No. | 77−FT80 |
| 80 X 80mm, Terminal Type | Fan Cord, 17", 45° Blunt Cut | NTE Type No. | 77−TC12 |
| 80 X 80mm, Terminal Type | Fan Cord, 18", 45° Blunt Cut | NTE Type No. | 77−TC18 |
| 80 X 80mm, Terminal Type | Fan Cord, 24", 45° Blunt Cut | NTE Type No. | 77−TC24 |
| 80 X 80mm, Terminal Type | Fan Cord, 36", 45° Blunt Cut | NTE Type No. | 77−TC36 |
| 80 X 80mm, Terminal Type | Fan Cord, 48", 45° Blunt Cut | NTE Type No. | 77−TC48 |
| 80 X 80mm, Terminal Type | Fan Cord, 72", 45° Blunt Cut | NTE Type No. | 77−TC72 |

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