

View Online at <https://aerobasegroup.com/nsn/5990-00-644-0090>

**Body Material:**

Aluminum

**Body Style:**

Standard round, rear mounting flange

**Shoulder Diameter:**

1.2500 inches

**Pilot Diameter:**

1.0625 inches

**Second Shoulder Diameter:**

1.9500 inches

**Second Shoulder Length:**

0.0250 inches

**Overall Length:**

4.2000 inches

**Flange Diameter:**

Between 2.2480 inches and 2.2500 inches

**Flange Thickness:**

0.2500 inches

**Body Diameter:**

2.2300 inches

**Shaft Diameter:**

0.1820 inches single shaft

**Shaft Length:**

0.3850 inches single shaft

**Shaft Undercut Width:**

0.0150 inches single shaft

**Fragility Factor:**

Moderately rugged

**Maximum Temperature Rise:**

50.0 degrees celsius

**Body Size:**

23

**Stator Input Voltage Rating In Volts:**

115.0

**Stator Input Current Rating:**

300.0 milliamperes

**Stator Input Electrical Power Rating:**

8.0 watts

**Frequency In Hertz:**

60.0

**Electrical Error Angular Range In Minutes:**

-18.0/+18.0

**Torque Gradient Per Angular Deg:**

0.035 inch-ounces

**Alignment Hole Quantity:**

3

**Pilot Length:**

0.1250 inches

**Shoulder Length:**

0.0550 inches

**Second Shoulder Face To Rear Flange Distance:**

0.0450 inches

**Shaft Thread Series Designator:**

Unf single shaft

**Shaft Thread Direction:**

Right-hand single shaft

**Shaft Thread Class:**

2a

**Terminal Location:**

Rear

**Shaft Tapered End Minor Diameter:**

0.0200 inches single shaft

**Shaft Type:**

Round, tapered, threaded, undercut single shaft

**Alignment Hole Depth:**

0.1560 inches

**Transformation Ratio:**

0.774 rotor to stator

**Shaft Taper Angle In Deg:**

0.021 single shaft

**Shaft Tip Length:**

0.1500 inches single shaft

**Alignment Hole Bolt Circle Diameter:**

0.8440 inches

**Shaft Taper Length:**

0.1840 inches single shaft

**Shaft Thread Size:**

0.112 inches single shaft

**Shaft Undercut Diameter:**

0.0100 inches single shaft

**Test Data Document:**

81349-mil-s-22335 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

**Terminal Type And Quantity:**

6 screw

**Shelf Life:**

N/A

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A07800