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**Body Material:**

Aluminum

**Body Style:**

Standard round double flange a

**Shoulder Diameter:**

4.8740 inches

**Pilot Diameter:**

1.7500 inches

**Second Shoulder Diameter:**

5.5000 inches

**Second Shoulder Length:**

0.5000 inches

**Overall Length:**

9.2100 inches

**Flange Diameter:**

Between 5.7480 inches and 5.7500 inches

**Flange Thickness:**

Between 0.2450 inches and 0.2500 inches

**Body Diameter:**

5.3750 inches

**Shaft Diameter:**

0.3500 inches single shaft and 0.3505 inches single shaft

**Shaft Length:**

1.0320 inches single shaft

**Shaft Undercut Width:**

0.0600 inches single shaft

**Distance Between Flanges:**

3.2500 inches

**Maximum Temperature Rise:**

50.0 degrees celsius

**Body Size:**

58

**Stator Input Voltage Rating In Volts:**

115.0

**Stator Input Current Rating:**

3.5 amperes

**Stator Input Electrical Power Rating:**

30.0 watts

**Frequency In Hertz:**

60.0

**Zro Resistance In Ohms:**

400.00

**Electrical Error Angular Range In Minutes:**

-18.0/+18.0

**Torque Gradient Per Angular Deg:**

4.000 inch-ounces

**Pilot Length:**

0.2500 inches

**Shoulder Length:**

1.0600 inches

**Aft Of Second Flange Diameter:**

4.8750 inches

**Mounting Surface To Terminal End Distance:**

6.6180 inches

**Shaft Thread Series Designator:**

Unf single shaft

**Shaft Thread Direction:**

Right-hand single shaft

**Shaft Thread Class:**

2a

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

660.00

**Shaft Tapered End Minor Diameter:**

0.2500 inches single shaft

**Shaft Type:**

Round, tapered, threaded, undercut single shaft

**Transformation Ratio:**

0.990 rotor to stator

**Shaft Taper Angle In Deg:**

3.5 single shaft

**Shaft Tip Length:**

0.2200 inches single shaft

**Shaft Taper Length:**

0.3750 inches single shaft

**Shaft Thread Size:**

0.250 inches single shaft

**Shaft Undercut Diameter:**

0.0600 inches single shaft

**Special Features:**

Shaft keyed with no. 00 woodruff keywhitney no. 207

**Test Data Document:**

81349-mil-s-2335 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:**

**Specification Data:**

81349-mil-s-2335 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A07800