

View Online at <https://aerobasegroup.com/nsn/5990-00-843-6761>

**Body Material:**

Aluminum

**Body Style:**

Standard round d

**Shoulder Diameter:**

Between 1.9850 inches and 1.9950 inches

**Pilot Diameter:**

Between 0.5990 inches and 0.6000 inches

**Second Shoulder Diameter:**

Between 1.9985 inches and 1.9995 inches

**Second Shoulder Length:**

0.1700 inches

**Overall Length:**

4.7530 inches

**Flange Diameter:**

Between 2.2490 inches and 2.2500 inches

**Flange Thickness:**

Between 2.2490 inches and 2.2500 inches

**Body Diameter:**

Between 1.9985 inches and 1.9995 inches

**Shaft Diameter:**

0.2410 inches single shaft

**Shaft Length:**

0.6730 inches single shaft

**Maximum Temperature Rise:**

45.0 degrees celsius

**Body Size:**

23

**Stator Input Voltage Rating In Volts:**

Between 8.0 and 24.0

**Stator Input Current Rating:**

60.0 milliamperes

**Stator Input Electrical Power Rating:**

600.0 milliwatts

**Frequency In Hertz:**

600.0

**Rotor Dc Resistance In Ohms:**

325.50

**Stator Dc Resistance In Ohms:**

76.70

**Phase Shift Angle In Deg:**

7.200 input to output

**Maximum Fundamental Null Voltage In Millivolts Per Volt:**

1.17 output

**Maximum Total Null Voltage Output In Millivolts Per Volt:**

1.24

**Interaxis Error Angular Range In Minutes:**

-5.0/+5.0

**Output Voltage Functional Error Range In Percent:**

-0.2/+0.2

**Actuator Friction Torque At Minus 55 Deg Celsius:**

0.80 inch-ounces

**Actuator Friction Torque At Plus 25 Deg Celsius:**

0.40 inch-ounces

**Pilot Length:**

0.1090 inches

**Shoulder Length:**

0.2500 inches

**Aft Of First Flange Diameter:**

Between 1.9985 inches and 1.9995 inches

**Mounting Surface To Terminal End Distance:**

4.0800 inches

**Shaft Thread Series Designator:**

Unf single shaft

**Shaft Thread Direction:**

Right-hand single shaft

**Shaft Thread Class:**

2a single shaft

**Terminal Location:**

Rear

**Shaft Thread Length:**

0.3100 inches single shaft

**Shaft Type:**

Round, threaded single shaft

**Transformation Ratio:**

0.990 stator to rotor

**Shaft Thread Size:**

0.250 inches single shaft

**Test Data Document:**

81349-mil-r-14346 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:**

8 screw

**Shelf Life:**

N/a

**Unit Of Measure:**

**Demilitarization:**

No

**Fig:**

A07800