

View Online at <https://aerobasegroup.com/nsn/5990-00-113-2653>

**Body Material:**

Steel, stainless

**Body Style:**

Standard round, rotatable housing

**Shoulder Diameter:**

Between 1.9985 inches and 1.9995 inches

**Overall Length:**

4.2940 inches

**Flange Diameter:**

Between 2.2490 inches and 2.2500 inches

**Flange Thickness:**

Between 0.2480 inches and 0.2500 inches

**Body Diameter:**

Between 1.9985 inches and 1.9995 inches

**Shaft Diameter:**

0.2403 inches single shaft and 0.2405 inches single shaft

**Shaft Length:**

0.7390 inches single shaft and 0.7650 inches single shaft

**Fragility Factor:**

Moderately rugged

**Body Size:**

23

**Rotor Input Voltage Rating In Volts:**

115.0

**Frequency In Hertz:**

50.0

**Rotor Input Current Rating:**

160.0 milliamperes

**Rotor Input Electrical Power Rating:**

5.0 watts

**Zro Impedance Magnitude In Ohms:**

800.00

**Zro Impedance Angle In Deg:**

79.00

**Phase Shift Angle In Deg:**

9.500 input to output

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

0.15

**Electrical Error Angular Range In Minutes:**

-10.0 to 10.0

**Spline Tooth Quantity:**

22 single shaft

**Torque Gradient Per Angular Deg:**

0.090 inch-ounces

**Shoulder Length:**

Between 0.4120 inches and 0.4220 inches

**Mounting Surface To Terminal End Distance:**

2.8830 inches

**Spline Tooth Diametral Pitch:**

96 single shaft

**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:**

0.3870 inches single shaft

**Shaft Type:**

Spline w/threads single shaft

**Transformation Ratio:**

9.783 stator to rotor

**Shaft Thread Size:**

0.240 inches single shaft

**Terminal Type And Quantity:**

5 screw

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A07800