

View Online at <https://aerobasegroup.com/nsn/5990-00-882-8950>

**Body Material:**

Aluminum

**Body Style:**

Standard round d

**Shoulder Diameter:**

Between 1.9850 inches and 1.9900 inches

**Pilot Diameter:**

Between 0.5900 inches and 0.6000 inches

**Second Shoulder Diameter:**

Between 1.9985 inches and 1.9995 inches

**Second Shoulder Length:**

Between 0.2480 inches and 0.2500 inches

**Overall Length:**

4.2990 inches

**Flange Diameter:**

Between 2.2490 inches and 2.2500 inches

**Flange Thickness:**

0.2030 inches

**Body Diameter:**

Between 1.9850 inches and 1.9900 inches

**Shaft Diameter:**

0.2500 inches single shaft

**Shaft Length:**

0.6930 inches single shaft and 0.7190 inches single shaft

**Fragility Factor:**

Moderately rugged

**Body Size:**

23

**Rotor Input Voltage Rating In Volts:**

115.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

264.0 milliamperes

**Rotor Input Electrical Power Rating:**

3.0 watts

**Zro Impedance Magnitude In Ohms:**

Between 470.00 and 580.00

**Zro Impedance Angle In Deg:**

Between 84.00 and 87.50

**Zss Impedance Magnitude In Ohms:**

Between 21.60 and 26.00

**Zss Impedance Angle In Deg:**

Between 42.00 and 47.00

**Phase Shift Angle In Deg:**

1.000 input to output

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

32.00 output

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

48.00

**Electrical Error Angular Range In Minutes:**

-3.0/+3.0

**Spline Tooth Quantity:**

22 single shaft

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

0.2 centimeter-grams

**Pilot Length:**

Between 0.4050 inches and 0.4220 inches

**Shoulder Length:**

Between 0.1570 inches and 0.1720 inches

**Aft Of First Flange Diameter:**

Between 1.9985 inches and 1.9995 inches

**Mounting Surface To Terminal End Distance:**

3.5800 inches

**Spline Tooth Diametral Pitch:**

96 single shaft

**Terminal Location:**

Rear

**Shaft Type:**

Spline single shaft

**Transformation Ratio:**

0.783 rotor to stator

**Terminal Type And Quantity:**

5 screw

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A07800