

View Online at <https://aerobasegroup.com/nsn/5990-00-942-6538>

**Body Material:**

Steel, stainless

**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:**

0.1700 inches

**Overall Length:**

4.7870 inches

**Flange Diameter:**

Between 2.2490 inches and 2.2500 inches

**Flange Thickness:**

0.2500 inches

**Body Diameter:**

1.9900 inches

**Shaft Diameter:**

0.2402 inches single shaft and 0.2405 inches single shaft

**Shaft Length:**

0.6930 inches single shaft and 0.7190 inches single shaft

**Body Size:**

23

**Stator Input Voltage Rating In Volts:**

10.0

**Stator Input Current Rating:**

16.0 milliamperes

**Stator Input Electrical Power Rating:**

11.0 milliwatts

**Frequency In Hertz:**

400.0

**Zro Resistance In Ohms:**

37.00

**Zso Resistance In Ohms:**

41.00

**Rotor Dc Resistance In Ohms:**

30.00

**Stator Dc Resistance In Ohms:**

11.00

**Transformation Ratio Equality In Percent:**

0.1

**Phase Shift Angle In Deg:**

0.933 input to output

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

5.00 output

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

10.00

**Interaxis Error Angular Range In Minutes:**

-2.5/+2.5

**Pilot Length:**

0.0580 inches

**Shoulder Length:**

0.2520 inches

**Aft Of First Flange Diameter:**

Between 1.9985 inches and 1.9995 inches

**Mounting Surface To Terminal End Distance:**

Between 3.9230 inches and 3.9380 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

**Plus J Zro Reactance In Ohms:**

59.00

**Plus J Zso Reactance In Ohms:**

617.00

**Shaft Type:**

Round, threaded single shaft

**Transformation Ratio:**

0.990 rotor to stator

**Shaft Thread Size:**

0.250 inches single shaft

**Terminal Type And Quantity:**

5 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A07800