

View Online at <https://aerobasegroup.com/nsn/5990-00-484-1516>

**Body Material:**

Steel, stainless

**Body Style:**

Standard round d

**Shoulder Diameter:**

Between 1.9850 inches and 1.9900 inches

**Pilot Diameter:**

0.5950 inches

**Second Shoulder Diameter:**

Between 1.9985 inches and 1.9995 inches

**Second Shoulder Length:**

0.1700 inches

**Overall Length:**

4.2990 inches

**Flange Diameter:**

Between 2.2490 inches and 2.2500 inches

**Flange Thickness:**

0.2500 inches

**Body Diameter:**

1.9900 inches

**Shaft Diameter:**

0.2380 inches single shaft and 0.2405 inches single shaft

**Shaft Length:**

0.7090 inches single shaft and 0.7290 inches single shaft

**Fragility Factor:**

Moderately rugged

**Maximum Temperature Rise:**

20.0 degrees celsius

**Body Size:**

23

**Rotor Input Voltage Rating In Volts:**

115.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

245.0 milliamperes

**Rotor Input Electrical Power Rating:**

1.7 watts

**Zro Impedance Magnitude In Ohms:**

Between 470.00 and 580.00

**Zro Impedance Angle In Deg:**

Between 4.00 and 7.50

**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:**

-6.0/+6.0

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

0.20 inch-ounces

**Pilot Length:**

0.0430 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:**

3.5800 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:**

0.4450 inches single shaft

**Shaft Type:**

Round, threaded single shaft

**Transformation Ratio:**

0.783 rotor to stator

**Shaft Thread Size:**

0.240 inches single shaft

**Terminal Type And Quantity:**

6 screw

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

Yes - demil/mli

**Fig:**

A07800