

View Online at <https://aerobasegroup.com/nsn/5990-00-945-0029>

**Body Material:**

Steel, corrosion resisting

**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:**

4.2990 inches

**Flange Diameter:**

Between 2.2490 inches and 2.2500 inches

**Flange Thickness:**

Between 0.2480 inches and 0.2500 inches

**Body Diameter:**

1.9900 inches

**Shaft Diameter:**

0.2403 inches single shaft and 0.2405 inches single shaft

**Shaft Length:**

0.7190 inches single shaft

**Body Size:**

23

**Rotor Input Voltage Rating In Volts:**

115.0

**Frequency In Hertz:**

60.0

**Rotor Input Current Rating:**

82.0 milliamperes

**Rotor Input Electrical Power Rating:**

1.6 watts

**Zro Impedance Magnitude In Ohms:**

1520.00

**Zro Impedance Angle In Deg:**

83.00

**Rotor Dc Resistance In Ohms:**

190.00

**Stator Dc Resistance In Ohms:**

260.00

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

40.00 output

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

75.00

**Electrical Error Angular Range In Minutes:**

-8.0/+8.0

**Spline Tooth Quantity:**

22 single shaft

**Pilot Length:**

0.0430 inches

**Shoulder Length:**

0.2500 inches

**Aft Of First Flange Diameter:**

Between 1.9985 inches and 1.9990 inches

**Mounting Surface To Terminal End Distance:**

3.5800 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:**

0.2900 inches single shaft

**Shaft Type:**

Round single shaft

**Transformation Ratio:**

0.783 rotor to stator

**Shaft Thread Size:**

0.250 inches single shaft

**Terminal Type And Quantity:**

5 screw

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fiig:**

A07800