

View Online at <https://aerobasegroup.com/nsn/5990-00-677-6495>

**Body Material:**

Any acceptable

**Body Style:**

Standard round d

**Shoulder Diameter:**

1.9900 inches

**Pilot Diameter:**

0.5950 inches

**Second Shoulder Diameter:**

1.9995 inches

**Second Shoulder Length:**

0.1700 inches

**Overall Length:**

4.2560 inches

**Flange Diameter:**

2.2500 inches

**Flange Thickness:**

0.2500 inches

**Body Diameter:**

1.9900 inches

**Shaft Diameter:**

0.2405 inches single shaft

**Shaft Length:**

0.6760 inches single shaft

**Maximum Temperature Rise:**

20.0 degrees celsius

**Body Size:**

22

**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:**

Between 1450.00 and 1700.00

**Zro Impedance Angle In Deg:**

Between 79.00 and 83.00

**Zss Impedance Magnitude In Ohms:**

Between 155.00 and 310.00

**Zss Impedance Angle In Deg:**

Between 10.00 and 15.00

**Phase Shift Angle In Deg:**

6.500 input to output

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

30.00 output

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

60.00

**Electrical Error Angular Range In Minutes:**

-6.0/+6.0

**Spline Tooth Quantity:**

22 single shaft

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

0.20 inch-ounces

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

0.20 inch-ounces

**Alignment Hole Quantity:**

4

**Pilot Length:**

0.0530 inches

**Shoulder Length:**

0.2500 inches

**Aft Of First Flange Diameter:**

1.9995 inches

**Mounting Surface To Terminal End Distance:**

3.6230 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:**

0.2910 inches single shaft

**Plus J Zro Reactance In Ohms:**

Between 1419.00 and 1690.00

**Plus J Zrs Reactance In Ohms:**

Between 1419.00 and 1690.00

**Shaft Type:**

Spline w/threads single shaft

**Plus J Zss Reactance In Ohms:**

Between 26.90 and 80.15

**Transformation Ratio:**

0.783 rotor to stator

**Alignment Hole Bolt Circle Diameter:**

1.4370 inches

**Shaft Thread Size:**

0.250 inches single shaft

**Terminal Type And Quantity:**

5 screw

**Specification Or Standard:**

23cx6c type

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

Yes - demil/mli

**Fiig:**

A07800