

View Online at <https://aerobasegroup.com/nsn/5990-00-677-6462>

**Body Material:**

Steel, corrosion resisting

**Body Style:**

Standard round c

**Shoulder Diameter:**

0.9750 inches

**Pilot Diameter:**

0.6250 inches

**Overall Length:**

1.8560 inches

**Flange Diameter:**

1.0620 inches

**Flange Thickness:**

0.0930 inches

**Undercut Diameter:**

1.0000 inches

**Undercut Width:**

0.0600 inches

**Shaft Diameter:**

1.8560 inches single shaft

**Shaft Length:**

0.4930 inches single shaft

**Body Size:**

11

**Stator Input Voltage Rating In Volts:**

11.8

**Stator Input Current Rating:**

86.0 milliamperes

**Stator Input Electrical Power Rating:**

250.0 milliwatts

**Frequency In Hertz:**

400.0

**Zro Resistance In Ohms:**

140.00

**Zso Resistance In Ohms:**

23.50

**Zrs Resistance In Ohms:**

157.00

**Rotor Dc Resistance In Ohms:**

99.00

**Stator Dc Resistance In Ohms:**

14.50

**Phase Shift Angle In Deg:**

4.300 input to output

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

15.00 input

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

18.00

**Spline Tooth Quantity:**

21 single shaft

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

0.06 inch-ounces

**Shaft Radial Play Test Point:**

0.125 inches

**Shaft Maximum Radial Play:**

0.0006 inches

**Shaft End Play:**

0.0006 inches

**Pilot Length:**

0.0620 inches

**Shoulder Length:**

0.0620 inches

**Mounting Surface To Terminal End Distance:**

1.7320 inches

**Spline Tooth Diametral Pitch:**

120 single shaft

**Shaft Maximum Runout:**

0.0008 inches

**Shaft Thread Series Designator:**

Unf single shaft

**Shaft Thread Direction:**

Right-hand single shaft

**Shaft Thread Class:**

2a

**Terminal Location:**

Rear

**Shaft Thread Length:**

0.2430 inches single shaft

**Plus J Zro Reactance In Ohms:**

713.00

**Plus J Zso Reactance In Ohms:**

146.00

**Plus J Zrs Reactance In Ohms:**

74.60

**Shaft Type:**

Spline w/threads single shaft

**Transformation Ratio:**

2.203 rotor to stator

**Shaft Thread Size:**

0.190 inches single shaft

**Terminal Type And Quantity:**

5 screw

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A07800