

View Online at <https://aerobasegroup.com/nsn/5990-00-253-0261>

**Body Material:**

Steel, corrosion resisting

**Body Style:**

Standard round c

**Shoulder Diameter:**

Between 0.9995 inches and 1.0000 inches

**Pilot Diameter:**

Between 0.4995 inches and 0.5000 inches

**Overall Length:**

2.1860 inches

**Flange Diameter:**

Between 1.0590 inches and 1.0620 inches

**Flange Thickness:**

0.0620 inches

**Undercut Diameter:**

0.9860 inches

**Undercut Width:**

0.0500 inches

**Shaft Diameter:**

0.1195 inches single shaft and 0.1200 inches single shaft

**Shaft Length:**

0.3750 inches single shaft

**Fragility Factor:**

Moderately rugged

**Maximum Temperature Rise:**

15.0 degrees celsius

**Body Size:**

11

**Rotor Input Voltage Rating In Volts:**

26.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

120.0 milliamperes

**Rotor Input Electrical Power Rating:**

0.6 watts

**Zro Resistance In Ohms:**

35.00

**Zso Resistance In Ohms:**

8.10

**Zrs Resistance In Ohms:**

49.00

**Rotor Dc Resistance In Ohms:**

18.00

**Stator Dc Resistance In Ohms:**

7.50

**Phase Shift Angle In Deg:**

5.000 input to output

**Electrical Error Angular Range In Minutes:**

-30.0/+30.0

**Receiver Error Angular Range In Minutes:**

-60.0/+60.0

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

5400.0 millimeter-milligrams

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

2700.0 millimeter-milligrams

**Torque Gradient Per Angular Deg:**

2250.0 millimeter-milligrams

**Shaft Maximum Radial Play:**

0.0010 inches

**Shaft End Play:**

Between 0.0020 inches and 0.0050 inches

**Pilot Length:**

0.0620 inches

**Shoulder Length:**

0.0620 inches

**Mounting Surface To Terminal End Distance:**

1.7490 inches

**Shaft Hole Diameter:**

0.0570 inches single shaft and 0.0600 inches single shaft

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

288.00

**Plus J Zso Reactance In Ohms:**

47.00

**Plus J Zrs Reactance In Ohms:**

24.00

**Shaft Type:**

Round, hollowed single shaft

**Shaft Radial Play Determining Weight:**

4.0 ounces

**Shaft End Play Determining Weight:**

8.0 ounces

**Terminal Type And Quantity:**

5 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A07800