

View Online at <https://aerobasegroup.com/nsn/5990-00-764-1824>

**Body Material:**

Steel, stainless

**Body Style:**

Standard round c

**Shoulder Diameter:**

Between 0.9995 inches and 1.0000 inches

**Pilot Diameter:**

Between 0.6245 inches and 0.6250 inches

**Overall Length:**

Between 2.1900 inches and 2.2150 inches

**Flange Diameter:**

Between 1.0570 inches and 1.0650 inches

**Flange Thickness:**

Between 0.0900 inches and 0.0960 inches

**Undercut Diameter:**

Between 0.9745 inches and 0.9750 inches

**Undercut Width:**

Between 0.0470 inches and 0.0530 inches

**Shaft Diameter:**

0.1195 inches single shaft and 0.1200 inches single shaft

**Shaft Length:**

0.3670 inches single shaft and 0.3850 inches single shaft

**Body Size:**

11

**Rotor Input Voltage Rating In Volts:**

26.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

176.0 milliamperes

**Rotor Input Electrical Power Rating:**

900.0 milliwatts

**Zro Impedance Magnitude In Ohms:**

170.00

**Zro Impedance Angle In Deg:**

77.00

**Zso Impedance Magnitude In Ohms:**

42.00

**Zso Impedance Angle In Deg:**

80.50

**Zss Impedance Magnitude In Ohms:**

44.00

**Zss Impedance Angle In Deg:**

24.00

**Rotor Dc Resistance In Ohms:**

240.00

**Stator Dc Resistance In Ohms:**

4.20

**Phase Shift Angle In Deg:**

9.000 input to output

**Interaxis Error Angular Range In Minutes:**

-10.0/+10.0

**Electrical Error Angular Range In Minutes:**

-10.0/+10.0

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

6.0 centimeter-grams

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

3.0 centimeter-grams

**Alignment Hole Quantity:**

4

**Pilot Length:**

Between 0.0590 inches and 0.0650 inches

**Shoulder Length:**

Between 0.0590 inches and 0.0650 inches

**Mounting Surface To Terminal End Distance:**

1.7650 inches

**Terminal Location:**

Rear

**Shaft Type:**

Round single shaft

**Alignment Hole Depth:**

0.1250 inches

**Transformation Ratio:**

0.454 rotor to stator

**Alignment Hole Bolt Circle Diameter:**

0.8130 inches

**Terminal Type And Quantity:**

9 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A07800