

View Online at <https://aerobasegroup.com/nsn/5990-00-678-6006>

**Body Material:**

Steel, stainless

**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:**

2.1550 inches

**Flange Diameter:**

Between 1.0600 inches and 1.0630 inches

**Flange Thickness:**

0.0620 inches

**Undercut Diameter:**

0.9620 inches

**Undercut Width:**

0.0620 inches

**Shaft Diameter:**

0.1195 inches single shaft and 0.1200 inches single shaft

**Shaft Length:**

0.4680 inches single shaft

**Body Size:**

11

**Rotor Input Voltage Rating In Volts:**

26.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

205.0 milliamperes

**Rotor Input Electrical Power Rating:**

1.6 watts

**Zro Resistance In Ohms:**

40.00

**Zso Resistance In Ohms:**

4.80

**Rotor Dc Resistance In Ohms:**

Between 14.90 and 18.10

**Stator Dc Resistance In Ohms:**

Between 4.30 and 5.10

**Phase Shift Angle In Deg:**

6.500 input to output

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

30.00

**Electrical Error Angular Range In Minutes:**

-25.0/+25.0

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

10000.00 centimeter-grams

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

3000.00 centimeter-grams

**Alignment Hole Quantity:**

3

**Pilot Length:**

0.0620 inches

**Shoulder Length:**

0.0620 inches

**Mounting Surface To Terminal End Distance:**

1.6870 inches

**Shaft Hole Diameter:**

0.0730 inches single shaft

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

120.00

**Plus J Zso Reactance In Ohms:**

25.00

**Shaft Tapered End Minor Diameter:**

0.1002 inches single shaft

**Shaft Type:**

Round single shaft

**Alignment Hole Depth:**

0.1250 inches

**Transformation Ratio:**

0.454 rotor to stator

**Shaft Taper Angle In Deg:**

3.0 single shaft

**Alignment Hole Bolt Circle Diameter:**

0.6950 inches

**Shaft Taper Length:**

0.1480 inches single shaft

**Special Features:**

Shaft end tap no. 1-72 nf-3b, 0.1720 in. Nom deep

**Terminal Type And Quantity:**

5 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A07800