

View Online at <https://aerobasegroup.com/nsn/5990-00-166-9476>

**Body Material:**

Any acceptable

**Body Style:**

Standard round a

**Pilot Diameter:**

Between 0.4995 inches and 0.5000 inches

**Overall Length:**

Between 0.7650 inches and 1.7650 inches

**Flange Diameter:**

Between 0.7490 inches and 0.7500 inches

**Flange Thickness:**

Between 0.0570 inches and 0.0670 inches

**Undercut Diameter:**

0.6910 inches

**Undercut Width:**

0.0570 inches

**Shaft Diameter:**

0.0895 inches single shaft and 0.0900 inches single shaft

**Shaft Length:**

0.4850 inches single shaft and 0.5150 inches single shaft

**Fragility Factor:**

Moderately rugged

**Body Size:**

8

**Rotor Input Voltage Rating In Volts:**

26.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

50.0 milliamperes

**Rotor Input Electrical Power Rating:**

520.0 milliwatts

**Zro Impedance Magnitude In Ohms:**

Between 562.50 and 687.50

**Zro Impedance Angle In Deg:**

Between 65.00 and 75.00

**Zso Impedance Magnitude In Ohms:**

Between 117.00 and 143.00

**Zso Impedance Angle In Deg:**

Between 64.00 and 74.00

**Rotor Dc Resistance In Ohms:**

Between 120.00 and 250.00

**Stator Dc Resistance In Ohms:**

Between 38.00 and 63.00

**Phase Shift Angle In Deg:**

16.000 input to output

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

3.00 centimeter-grams

**Pilot Length:**

Between 0.0380 inches and 0.0480 inches

**Mounting Surface To Terminal End Distance:**

1.2500 inches

**Terminal Location:**

Rear

**Shaft Type:**

Round, slotted single shaft

**Transformation Ratio:**

Between 0.314 rotor to stator and 0.594 rotor to stator

**Terminal Type And Quantity:**

5 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A07800