

View Online at <https://aerobasegroup.com/nsn/5990-00-321-8458>

**Body Material:**

Any acceptable

**Body Style:**

Standard round c

**Shoulder Diameter:**

Between 0.8118 inches and 0.8123 inches

**Pilot Diameter:**

Between 0.4995 inches and 0.5000 inches

**Overall Length:**

1.3190 inches

**Flange Diameter:**

Between 0.9360 inches and 0.9370 inches

**Flange Thickness:**

0.0620 inches

**Undercut Diameter:**

Between 0.8350 inches and 0.8400 inches

**Undercut Width:**

0.0620 inches

**Shaft Diameter:**

0.0890 inches single shaft and 0.0910 inches single shaft

**Shaft Length:**

0.0300 inches single shaft

**Body Size:**

10

**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:**

600.0 milliwatts

**Zro Resistance In Ohms:**

42.00

**Zso Resistance In Ohms:**

9.20

**Zrs Resistance In Ohms:**

49.00

**Rotor Dc Resistance In Ohms:**

Between 18.90 and 23.10

**Stator Dc Resistance In Ohms:**

Between 5.85 and 7.15

**Phase Shift Angle In Deg:**

4.500 input to output

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

1.0 centimeter-grams

**Torque Gradient Per Angular Deg:**

2500.0 millimeter-milligrams

**Alignment Hole Quantity:**

3

**Pilot Length:**

0.0380 inches

**Shoulder Length:**

0.0630 inches

**Mounting Surface To Terminal End Distance:**

1.2410 inches

**Shaft Hole Diameter:**

0.0190 inches single shaft and 0.0200 inches single shaft

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

243.00

**Plus J Zso Reactance In Ohms:**

41.00

**Plus J Zrs Reactance In Ohms:**

19.00

**Shaft Type:**

Round, hollowed single shaft

**Alignment Hole Depth:**

0.0730 inches

**Transformation Ratio:**

Between 0.441 rotor to stator and 0.467 rotor to stator

**Alignment Hole Bolt Circle Diameter:**

Between 0.6750 inches and 0.6810 inches

**Terminal Type And Quantity:**

5 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A07800