

View Online at <https://aerobasegroup.com/nsn/5990-00-728-8248>

**Body Material:**

Any acceptable

**Body Style:**

Standard round a

**Pilot Diameter:**

Between 0.4995 inches and 0.5000 inches

**Overall Length:**

Between 1.5980 inches and 1.6280 inches

**Flange Diameter:**

Between 0.7480 inches and 0.7500 inches

**Flange Thickness:**

0.0620 inches

**Undercut Diameter:**

0.6910 inches

**Undercut Width:**

0.0620 inches

**Shaft Diameter:**

0.0894 inches single shaft and 0.0900 inches single shaft

**Shaft Length:**

0.3570 inches single shaft and 0.3870 inches single shaft

**Body Size:**

8

**Rotor Input Voltage Rating In Volts:**

26.0

**Frequency In Hertz:**

Between 380.0 and 420.0

**Rotor Input Current Rating:**

120.0 milliamperes

**Rotor Input Electrical Power Rating:**

700.0 milliwatts

**Zro Resistance In Ohms:**

Between 43.20 and 64.80

**Zso Resistance In Ohms:**

Between 9.60 and 14.40

**Zrs Resistance In Ohms:**

Between 72.00 and 108.00

**Rotor Dc Resistance In Ohms:**

Between 29.60 and 44.40

**Stator Dc Resistance In Ohms:**

Between 9.60 and 14.40

**Phase Shift Angle In Deg:**

Between 6.800 input to output and 10.200 input to output

**Torque Gradient Per Angular Deg:**

1980.0 millimeter-milligrams

**Pilot Length:**

0.0400 inches

**Mounting Surface To Terminal End Distance:**

1.2410 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

Between 221.00 and 299.00

**Shaft Slot Depth:**

0.0200 inches single shaft and 0.0300 inches single shaft

**Plus J Zso Reactance In Ohms:**

Between 38.25 and 51.75

**Shaft Slot Width:**

0.0150 inches single shaft and 0.0250 inches single shaft

**Plus J Zrs Reactance In Ohms:**

Between 12.00 and 18.00

**Shaft Type:**

Round, slotted single shaft

**Transformation Ratio:**

Between 0.436 rotor to stator and 0.472 rotor to stator

**Terminal Type And Quantity:**

5 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A07800