

View Online at <https://aerobasegroup.com/nsn/5990-01-089-2652>

**Body Material:**

Any acceptable

**Body Style:**

Standard round a

**Pilot Diameter:**

Between 0.6240 inches and 0.6250 inches

**Overall Length:**

2.0550 inches

**Flange Diameter:**

0.9800 inches

**Flange Thickness:**

0.0930 inches

**Undercut Diameter:**

Between 0.9999 inches and 1.0000 inches

**Undercut Width:**

0.0450 inches

**Shaft Diameter:**

0.1195 inches single shaft and 0.1200 inches single shaft

**Shaft Length:**

0.3600 inches single shaft and 0.3900 inches single shaft

**Fragility Factor:**

Moderately rugged

**Maximum Temperature Rise:**

125.0 degrees celsius

**Stator Input Voltage Rating In Volts:**

57.5

**Frequency In Hertz:**

1600.0

**Zro Resistance In Ohms:**

561.00

**Zso Resistance In Ohms:**

148.00

**Zrs Resistance In Ohms:**

142.00

**Zss Resistance In Ohms:**

38.00

**Rotor Dc Resistance In Ohms:**

Between 58.00 and 88.00

**Stator Dc Resistance In Ohms:**

Between 13.00 and 19.00

**Transformation Ratio Equality In Percent:**

0.5

**Shaft Radial Play Test Point:**

0.120 inches

**Shaft Maximum Radial Play:**

0.0008 inches

**Shaft End Play:**

Between 0.0003 inches and 0.0015 inches

**Pilot Length:**

Between 0.0590 inches and 0.0650 inches

**Mounting Surface To Terminal End Distance:**

1.6000 inches

**Plus J Zro Reactance In Ohms:**

2487.00

**Shaft Slot Depth:**

0.0222 inches single shaft and 0.0320 inches single shaft

**Plus J Zso Reactance In Ohms:**

644.00

**Shaft Slot Width:**

0.0222 inches single shaft and 0.0320 inches single shaft

**Plus J Zrs Reactance In Ohms:**

228.00

**Shaft Type:**

Round, slotted single shaft

**Plus J Zss Reactance In Ohms:**

59.00

**Transformation Ratio:**

0.448 rotor to stator

**Shaft Radial Play Determining Weight:**

4.0 ounces

**Shaft End Play Determining Weight:**

8.0 ounces

**Terminal Type And Quantity:**

8 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A07800