

View Online at <https://aerobasegroup.com/nsn/5990-00-234-9133>

**Body Material:**

Steel, stainless

**Body Style:**

Standard round a

**Pilot Diameter:**

0.6250 inches

**Overall Length:**

Between 3.0050 inches and 3.0350 inches

**Flange Diameter:**

1.0650 inches

**Flange Thickness:**

0.0930 inches

**Undercut Diameter:**

0.9750 inches

**Undercut Width:**

0.0980 inches

**Shaft Diameter:**

0.1243 inches single shaft and 0.1247 inches single shaft

**Shaft Length:**

0.8670 inches single shaft and 0.9030 inches single shaft

**Connector Manufacturer Code:**

97942

**Connector Manufacturer Part Number:**

577r631h03

**Fragility Factor:**

Moderately rugged

**Body Size:**

11

**Stator Input Voltage Rating In Volts:**

30.0

**Frequency In Hertz:**

400.0

**Zro Resistance In Ohms:**

350.00

**Zso Resistance In Ohms:**

370.00

**Rotor Dc Resistance In Ohms:**

225.00

**Stator Dc Resistance In Ohms:**

235.00

**Compensation Method:**

Winding compensated

**Zco Impedance Magnitude In Ohms:**

370.00

**Zco Impedance Angle In Deg:**

1400.00

**Compensator Dc Resistance In Ohms:**

235.00

**Compensator Transformation Ratio In Percent:**

1.000 rotor to compensator

**Phase Shift Angle In Deg:**

9.000 input to output

**Interaxis Error Angular Range In Minutes:**

-5.0/+5.0

**Output Voltage Functional Error Range In Percent:**

-0.1/+0.1

**Pilot Length:**

0.0620 inches

**Mounting Surface To Terminal End Distance:**

Between 2.2620 inches and 2.2680 inches

**Terminal Location:**

Side

**Plus J Zro Reactance In Ohms:**

1500.00

**Plus J Zso Reactance In Ohms:**

1400.00

**Shaft Type:**

Round, flatted single shaft

**Shaft Flatted Portion Thickness:**

0.1040 inches front shaft and 0.1060 inches front shaft

**Shaft Flatted Portion Length:**

0.6470 inches front shaft and 0.7830 inches front shaft

**Terminal Type And Quantity:**

1 connector, plug

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A07800