## NSN 5990-01-091-3567

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**Body Material:** 



View Online at https://aerobasegroup.com/nsn/5990-01-091-3567

Steel, stainless
Body Style:
Standard round a
Pilot Diameter:
Between 0.4995 inches and 0.5000 inches
Overall Length:
1.8970 inches
Flange Diameter:
Between 0.7450 inches and 0.7500 inches
Flange Thickness:
0.0620 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:
0.7700 inches single shaft and 0.7800 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:
200.0 milliamperes
Rotor Input Electrical Power Rating:
1.12 watts microwatts
Zro Resistance In Ohms:
Between 27.20 and 36.80
Zso Resistance In Ohms:
Between 6.21 and 8.39
Zrs Resistance In Ohms:
Between 43.74 and 64.26
Rotor Dc Resistance In Ohms:
24.00
Stator Dc Resistance In Ohms:

7.50

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## Phase Shift Angle In Deg:

9.500 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

30.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

75.00

**Electrical Error Angular Range In Minutes:** 

-7.0/+7.0

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

9.0 centimeter-grams

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

3.0 centimeter-grams

**Shaft Radial Play Test Point:** 

0.250 inches

**Shaft Maximum Radial Play:** 

0.0008 inches

**Shaft End Play:** 

Between 0.0003 inches and 0.0015 inches

Pilot Length:

0.0430 inches

**Mounting Surface To Terminal End Distance:** 

1.2410 inches

**Terminal Location:** 

Rear

Plus J Zro Reactance In Ohms:

Between 127.50 and 172.50

**Shaft Slot Depth:** 

0.0300 inches single shaft

Plus J Zso Reactance In Ohms:

Between 22.27 and 30.13

**Shaft Slot Width:** 

0.0200 inches single shaft

Plus J Zrs Reactance In Ohms:

Between 12.32 and 19.68

**Shaft Type:** 

Round, slotted single shaft

**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:** 

5 wire lead

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N/a

**Unit Of Measure:** 

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Demilitarization:

No

Fiig:

A07800