

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

Body Material:

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

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

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

No

Fiig:

A07800