

View Online at <https://aerobasegroup.com/nsn/5990-00-220-5689>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round b

Shoulder Diameter:

Between 1.3115 inches and 1.3120 inches

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

Between 2.0950 inches and 2.1670 inches

Flange Diameter:

Between 1.4360 inches and 1.4370 inches

Flange Thickness:

Between 0.0880 inches and 0.0980 inches

Undercut Width:

Between 0.0680 inches and 0.0880 inches

Shaft Diameter:

0.1195 inches single shaft and 0.1200 inches single shaft

Shaft Length:

0.4950 inches single shaft and 0.5050 inches single shaft

Fragility Factor:

Moderately rugged

Body Size:

14

Stator Input Voltage Rating In Volts:

10.0

Stator Input Current Rating:

5.5 milliamperes

Stator Input Electrical Power Rating:

20.0 milliwatts

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

500.00

Zso Resistance In Ohms:

640.00

Phase Shift Angle In Deg:

16.500 input to output

Maximum Total Null Voltage Output In Millivolts Per Volt:

30.00

Electrical Error Angular Range In Minutes:

-12.0/+12.0

Actuator Friction Torque At Plus 25 Deg Celsius:

20.0 centimeter-grams

Shaft Maximum Radial Play:

0.0010 inches

Shaft End Play:

Between 0.0002 inches and 0.0012 inches

Pilot Length:

Between 0.0350 inches and 0.0450 inches

Shoulder Length:

Between 0.1270 inches and 0.1370 inches

Mounting Surface To Terminal End Distance:

Between 1.5600 inches and 1.6220 inches

Shaft Maximum Runout:

0.0008 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

2200.00

Shaft Slot Depth:

0.0210 inches single shaft and 0.0310 inches single shaft

Plus J Zso Reactance In Ohms:

1700.00

Shaft Slot Width:

0.0220 inches single shaft and 0.0320 inches single shaft

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

0.990 rotor to stator

Shaft Radial Play Determining Weight:

75.0 grams

Shaft End Play Determining Weight:

3.0 ounces

Terminal Type And Quantity:

11 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

A07800