

View Online at <https://aerobasegroup.com/nsn/5990-00-959-8280>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round c

Shoulder Diameter:

1.0000 inches

Pilot Diameter:

0.6250 inches

Overall Length:

2.5000 inches

Flange Diameter:

1.0620 inches

Flange Thickness:

0.0930 inches

Undercut Diameter:

0.9750 inches

Undercut Width:

0.0450 inches

Shaft Diameter:

0.1195 inches single shaft

Shaft Length:

0.4750 inches single shaft

Body Size:

11

Stator Input Voltage Rating In Volts:

22.0

Stator Input Current Rating:

5.2 milliamperes

Stator Input Electrical Power Rating:

10.0 milliwatts

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

400.00

Zso Resistance In Ohms:

360.00

Rotor Dc Resistance In Ohms:

330.00

Stator Dc Resistance In Ohms:

305.00

Transformation Ratio Equality In Percent:

0.04

Compensation Method:

Winding compensated

Err Default:

Err default

Compensator Dc Resistance In Ohms:

350.00

Compensator Transformation Ratio In Percent:

1.0007 rotor to compensator

Phase Shift Angle In Deg:

8.500 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

8.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

10.00

Interaxis Error Angular Range In Minutes:

-3.0/+3.0

Electrical Error Angular Range In Minutes:

-2.5/+2.5

Actuator Friction Torque At Minus 55 Deg Celsius:

16.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

4.0 centimeter-grams

Shaft End Play:

0.0015 inches

Pilot Length:

0.0620 inches

Shoulder Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

1.8850 inches

Shaft Maximum Runout:

0.0005 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

2325.00

Shaft Slot Depth:

0.0310 inches single shaft

Plus J Zso Reactance In Ohms:

2200.00

Shaft Slot Width:

0.0295 inches single shaft

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

0.980 rotor to stator

Err Default:

Err default

Shaft End Play Determining Weight:

8.0 ounces

Terminal Type And Quantity:

12 screw

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

A07800