

View Online at <https://aerobasegroup.com/nsn/5990-00-956-7658>

Body Style:

Standard round b

Shoulder Diameter:

Between 0.9995 inches and 1.0000 inches

Pilot Diameter:

Between 0.6245 inches and 0.6250 inches

Overall Length:

2.4720 inches

Flange Diameter:

Between 1.0570 inches and 1.0650 inches

Flange Thickness:

Between 0.0570 inches and 0.0980 inches

Undercut Width:

Between 0.0450 inches and 0.0860 inches

Shaft Diameter:

0.1195 inches single shaft and 0.1200 inches single shaft

Shaft Length:

0.6090 inches single shaft and 0.6410 inches single shaft

Body Size:

11

Stator Input Voltage Rating In Volts:

30.0

Stator Input Current Rating:

4.0 milliamperes

Stator Input Electrical Power Rating:

15.0 milliwatts

Frequency In Hertz:

5000.0

Zro Resistance In Ohms:

2730.00

Zso Resistance In Ohms:

2550.00

Zrs Resistance In Ohms:

280.00

Zss Resistance In Ohms:

275.00

Compensation Method:

Winding compensated

Err Default:

Err default

Compensator Transformation Ratio In Percent:

Between 0.970 rotor to compensator and 1.010 rotor to compensator

Maximum Fundamental Null Voltage In Millivolts Per Volt:

1.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

1.00

Interaxis Error Angular Range In Minutes:

-5.0/+5.0

Output Voltage Functional Error Range In Percent:

-0.1/+0.1

Electrical Error Angular Range In Minutes:

-3.0/+3.0

Actuator Friction Torque At Minus 55 Deg Celsius:

12.00 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

3.00 centimeter-grams

Pilot Length:

0.0620 inches

Shoulder Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

1.8310 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

7520.00

Shaft Slot Depth:

0.0220 inches single shaft and 0.0320 inches single shaft

Plus J Zso Reactance In Ohms:

7050.00

Shaft Slot Width:

0.0220 inches single shaft and 0.0320 inches single shaft

Plus J Zrs Reactance In Ohms:

760.00

Shaft Type:

Round, slotted single shaft

Plus J Zss Reactance In Ohms:

710.00

Transformation Ratio:

Between 0.960 rotor to stator and 1.000 rotor to stator

Err Default:

Err default

Terminal Type And Quantity:

12 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

A07800