

View Online at <https://aerobasegroup.com/nsn/5990-00-188-6111>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round c

Shoulder Diameter:

Between 0.9995 inches and 1.0000 inches

Pilot Diameter:

Between 0.6245 inches and 0.6250 inches

Overall Length:

2.3080 inches

Flange Diameter:

1.0620 inches

Flange Thickness:

0.0930 inches

Undercut Diameter:

0.9750 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.1245 inches single shaft and 0.1247 inches single shaft

Shaft Length:

0.3380 inches single shaft

End Application:

Guided missile, intercept

Body Size:

11

Stator Input Voltage Rating In Volts:

Between 0.5 and 26.0

Stator Input Current Rating:

6.5 milliamperes

Stator Input Electrical Power Rating:

20.0 milliwatts

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

440.00

Zso Resistance In Ohms:

385.00

Rotor Dc Resistance In Ohms:

530.00

Stator Dc Resistance In Ohms:

305.00

Compensation Method:

Winding compensated

Zco Resistance In Ohms:

600.00

Compensator Dc Resistance In Ohms:

530.00

Compensator Transformation Ratio In Percent:

0.980 rotor to compensator

Phase Shift Angle In Deg:

8.500 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

1.00 input

Interaxis Error Angular Range In Minutes:

-5.0/+5.0

Output Voltage Functional Error Range In Percent:

-0.1/+0.1

Actuator Friction Torque At Plus 25 Deg Celsius:

8.0 centimeter-grams

Alignment Hole Quantity:

4

Pilot Length:

0.0620 inches

Shoulder Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

1.9700 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

2080.00

Plus J Zso Reactance In Ohms:

1960.00

Shaft Type:

Round single shaft

Alignment Hole Depth:

0.1250 inches

Transformation Ratio:

0.975 rotor to stator

Plus J Zco Reactance In Ohms:

2000.00

Alignment Hole Bolt Circle Diameter:

0.8120 inches

Terminal Type And Quantity:

12 screw

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800