

View Online at <https://aerobasegroup.com/nsn/5990-00-782-1289>

Body Material:

Any acceptable

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:

2.3450 inches

Flange Diameter:

Between 1.0570 inches and 1.0650 inches

Flange Thickness:

0.0930 inches

Undercut Diameter:

0.9750 inches

Undercut Width:

Between 0.0450 inches and 0.0670 inches

Shaft Diameter:

0.1245 inches single shaft and 0.1247 inches single shaft

Shaft Length:

0.3750 inches single shaft

Body Size:

11

Stator Input Voltage Rating In Volts:

26.0

Stator Input Current Rating:

5.0 milliamperes

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

Between 331.50 and 448.50

Zso Resistance In Ohms:

Between 318.75 and 431.25

Rotor Dc Resistance In Ohms:

Between 276.25 and 373.75

Stator Dc Resistance In Ohms:

Between 233.75 and 316.25

Compensation Method:

Network compensated

Compensator Dc Resistance In Ohms:

Between 399.50 and 540.50

Compensator Resonant Frequency In Hertz:

70000.0

Phase Shift Angle In Deg:

Between 5.500 input to output and 11.500 input to output

Maximum Total Null Voltage Output In Millivolts Per Volt:

1.00

Interaxis Error Angular Range In Minutes:

-3.0/+3.0

Output Voltage Functional Error Range In Percent:

-0.1/+0.1

Electrical Error Angular Range In Minutes:

-5.0/+5.0

Actuator Friction Torque At Minus 55 Deg Celsius:

0.33 inch-ounces

Actuator Friction Torque At Plus 25 Deg Celsius:

0.11 inch-ounces

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:

2398.00

Plus J Zso Reactance In Ohms:

Between 1827.00 and 2233.00

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

Between 0.963 rotor to stator and 0.987 rotor to stator

Terminal Type And Quantity:

12 screw

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800