

View Online at <https://aerobasegroup.com/nsn/5990-00-366-0112>

Body Material:

Any acceptable

Body Style:

Standard round c

Shoulder Diameter:

Between 0.9990 inches and 1.0000 inches

Pilot Diameter:

Between 0.6240 inches and 0.6250 inches

Overall Length:

2.8350 inches

Flange Diameter:

Between 1.0570 inches and 1.0670 inches

Flange Thickness:

Between 0.0900 inches and 0.0960 inches

Undercut Diameter:

0.9750 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.1243 inches single shaft and 0.1247 inches single shaft

Shaft Length:

0.4850 inches single shaft and 0.7700 inches single shaft

Body Size:

11

Stator Input Voltage Rating In Volts:

30.0

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

580.00

Zso Resistance In Ohms:

608.00

Rotor Dc Resistance In Ohms:

411.00

Stator Dc Resistance In Ohms:

235.00

Compensation Method:

Winding compensated

Zco Resistance In Ohms:

370.00

Compensator Dc Resistance In Ohms:

235.00

Compensator Transformation Ratio In Percent:

1.010 rotor to compensator

Phase Shift Angle In Deg:

9.000 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

40.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

40.00

Interaxis Error Angular Range In Minutes:

-20.0/+20.0

Output Voltage Functional Error Range In Percent:

-2.0/+2.0

Actuator Friction Torque At Plus 25 Deg Celsius:

4.0 centimeter-grams

Pilot Length:

Between 0.0590 inches and 0.0650 inches

Shoulder Length:

Between 0.0590 inches and 0.0650 inches

Mounting Surface To Terminal End Distance:

Between 2.0590 inches and 2.0650 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

1620.00

Plus J Zso Reactance In Ohms:

168.00

Shaft Type:

Round, flatted single shaft

Transformation Ratio:

1.000 rotor to stator

Plus J Zco Reactance In Ohms:

1400.00

Shaft Flatted Portion Thickness:

0.1060 inches single shaft

Terminal Type And Quantity:

5 screw

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800