

View Online at <https://aerobasegroup.com/nsn/5990-00-101-8318>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round a

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

Between 1.6430 inches and 1.6680 inches

Flange Diameter:

Between 0.7470 inches and 0.7500 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

Between 0.6880 inches and 0.6910 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.0895 inches single shaft and 0.0900 inches single shaft

Shaft Length:

0.4030 inches single shaft and 0.4280 inches single shaft

Body Size:

8

Stator Input Voltage Rating In Volts:

11.8

Stator Input Current Rating:

108.0 milliamperes

Stator Input Electrical Power Rating:

240.0 milliwatts

Frequency In Hertz:

400.0

Zso Impedance Magnitude In Ohms:

107.50

Zso Impedance Angle In Deg:

76.50

Zrs Impedance Magnitude In Ohms:

41.50

Zrs Impedance Angle In Deg:

17.50

Phase Shift Angle In Deg:

Between 8.000 input to output and 11.000 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

20.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

30.00

Electrical Error Angular Range In Minutes:

-5.0 to 5.0

Actuator Friction Torque At Minus 55 Deg Celsius:

4.03 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

2.88 centimeter-grams

Pilot Length:

Between 0.0380 inches and 0.0430 inches

Mounting Surface To Terminal End Distance:

1.2400 inches

Terminal Location:

Rear

Shaft Slot Depth:

0.0150 inches single shaft and 0.0250 inches single shaft

Shaft Slot Width:

0.0200 inches single shaft and 0.0300 inches single shaft

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

Between 1.131 rotor to stator and 1.177 rotor to stator

Terminal Type And Quantity:

6 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800