

View Online at <https://aerobasegroup.com/nsn/5990-00-815-5160>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round c

Shoulder Diameter:

Between 0.9995 inches and 1.0000 inches

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

2.1830 inches

Flange Diameter:

Between 1.0570 inches and 1.0620 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

0.9620 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.1200 inches single shaft

Shaft Length:

0.3820 inches single shaft

Maximum Temperature Rise:

1.0 degrees celsius

Body Size:

11

Stator Input Voltage Rating In Volts:

11.8

Stator Input Current Rating:

161.0 milliamperes

Stator Input Electrical Power Rating:

400.0 milliwatts

Frequency In Hertz:

400.0

Zro Impedance Magnitude In Ohms:

299.00

Zro Impedance Angle In Deg:

71.80

Zso Impedance Magnitude In Ohms:

63.40

Zso Impedance Angle In Deg:

76.00

Rotor Dc Resistance In Ohms:

53.00

Stator Dc Resistance In Ohms:

11.00

Phase Shift Angle In Deg:

6.500 input to output

Maximum Total Null Voltage Output In Millivolts Per Volt:

70.00

Electrical Error Angular Range In Minutes:

-10.0/+10.0

Actuator Friction Torque At Minus 55 Deg Celsius:

15.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

4.0 centimeter-grams

Pilot Length:

0.0620 inches

Shoulder Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

1.8010 inches

Terminal Location:

Rear

Shaft Slot Depth:

0.0300 inches single shaft

Shaft Slot Width:

0.0250 inches single shaft

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

1.950 rotor to stator

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800