

View Online at <https://aerobasegroup.com/nsn/5990-00-930-3109>

Body Material:

Any acceptable

Body Style:

Standard round a

Pilot Diameter:

Between 0.4845 inches and 0.4850 inches

Overall Length:

1.9480 inches

Flange Diameter:

Between 0.7450 inches and 0.7500 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

0.7000 inches

Undercut Width:

0.0570 inches

Shaft Diameter:

0.1243 inches single shaft and 0.1248 inches single shaft

Shaft Length:

0.3680 inches single shaft and 0.3880 inches single shaft

Body Size:

8

Stator Input Voltage Rating In Volts:

11.8

Stator Input Current Rating:

96.0 milliamperes

Stator Input Electrical Power Rating:

210.0 milliwatts

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

38.00

Zso Resistance In Ohms:

28.00

Zrs Resistance In Ohms:

47.00

Rotor Dc Resistance In Ohms:

36.00

Stator Dc Resistance In Ohms:

24.00

Phase Shift Angle In Deg:

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/+5.0

Actuator Friction Torque At Minus 55 Deg Celsius:

9.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

3.0 centimeter-grams

Pilot Length:

0.0430 inches

Mounting Surface To Terminal End Distance:

1.3700 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

122.00

Shaft Slot Depth:

0.0150 inches single shaft and 0.0350 inches single shaft

Plus J Zso Reactance In Ohms:

114.00

Shaft Slot Width:

0.0150 inches single shaft and 0.0350 inches single shaft

Plus J Zrs Reactance In Ohms:

13.00

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

Between 1.095 rotor to stator and 1.161 rotor to stator

Terminal Type And Quantity:

6 solder stud

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800