

View Online at <https://aerobasegroup.com/nsn/5990-00-988-6605>

Body Material:

Steel, stainless

Body Style:

Standard round a

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

2.0240 inches

Flange Diameter:

0.7500 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

0.6900 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.0895 inches single shaft and 0.0900 inches single shaft

Shaft Length:

0.4810 inches single shaft

Body Size:

8

Stator Input Voltage Rating In Volts:

11.8

Stator Input Current Rating:

22.0 milliamperes

Stator Input Electrical Power Rating:

58.0 milliwatts

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

800.00

Zso Resistance In Ohms:

120.00

Zrs Resistance In Ohms:

920.00

Rotor Dc Resistance In Ohms:

550.00

Stator Dc Resistance In Ohms:

100.00

Phase Shift Angle In Deg:

9.200 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

0.02 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

0.03

Electrical Error Angular Range In Minutes:

-5.0/+5.0

Actuator Friction Torque At Minus 55 Deg Celsius:

9.00 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

3.00 centimeter-grams

Pilot Length:

0.0430 inches

Mounting Surface To Terminal End Distance:

1.3680 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

2500.00

Shaft Slot Depth:

0.0250 inches single shaft

Plus J Zso Reactance In Ohms:

450.00

Shaft Slot Width:

0.0200 inches single shaft

Plus J Zrs Reactance In Ohms:

280.00

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

0.454 rotor to stator

Terminal Type And Quantity:

5 solder stud

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800