

View Online at <https://aerobasegroup.com/nsn/5990-00-814-4066>

Body Material:

Steel, stainless

Body Style:

Standard round a

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

Between 2.0300 inches and 2.0550 inches

Flange Diameter:

Between 0.7450 inches and 0.7550 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

0.7000 inches

Undercut Width:

0.0570 inches

Shaft Diameter:

0.1180 inches single shaft and 0.1200 inches single shaft

Shaft Length:

0.4610 inches single shaft and 0.4850 inches single shaft

Body Size:

8

Stator Input Voltage Rating In Volts:

11.8

Stator Input Current Rating:

25.0 milliamperes

Stator Input Electrical Power Rating:

58.0 milliwatts

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

900.00

Zso Resistance In Ohms:

120.00

Zrs Resistance In Ohms:

940.00

Rotor Dc Resistance In Ohms:

550.00

Stator Dc Resistance In Ohms:

100.00

Phase Shift Angle In Deg:

14.000 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:

2500.00

Shaft Slot Depth:

0.0150 inches single shaft and 0.0350 inches single shaft

Plus J Zso Reactance In Ohms:

450.00

Shaft Slot Width:

0.0150 inches single shaft and 0.0350 inches single shaft

Plus J Zrs Reactance In Ohms:

280.00

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

2.203 rotor to stator

Terminal Type And Quantity:

5 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800