

View Online at <https://aerobasegroup.com/nsn/5990-00-059-3308>

Body Material:

Steel, stainless

Body Style:

Standard round a

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

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:

0.1197 inches single shaft and 0.1200 inches single shaft

Shaft Length:

0.4570 inches single shaft and 0.4850 inches single shaft

Fragility Factor:

Moderately rugged

Body Size:

8

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

190.0 milliamperes

Rotor Input Electrical Power Rating:

1.0 watts

Zro Resistance In Ohms:

32.00

Zso Resistance In Ohms:

7.30

Zrs Resistance In Ohms:

55.00

Rotor Dc Resistance In Ohms:

24.00

Stator Dc Resistance In Ohms:

7.50

Phase Shift Angle In Deg:

11.500 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:

-7.0/+7.0

Actuator Friction Torque At Minus 55 Deg Celsius:

9.00 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

3.00 centimeter-grams

Torque Gradient Per Angular Deg:

0.034 inch-ounces

Pilot Length:

0.0430 inches

Mounting Surface To Terminal End Distance:

1.3700 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

150.00

Shaft Slot Depth:

0.0150 inches single shaft and 0.0350 inches single shaft

Plus J Zso Reactance In Ohms:

26.20

Shaft Slot Width:

0.0150 inches single shaft and 0.0350 inches single shaft

Plus J Zrs Reactance In Ohms:

15.00

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

0.454 stator to rotor

Terminal Type And Quantity:

5 solder stud

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800