

View Online at <https://aerobasegroup.com/nsn/5990-00-942-8098>

Body Material:

Aluminum

Body Style:

Standard round a

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

2.1600 inches

Flange Diameter:

Between 0.7490 inches and 0.7500 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

Between 0.6880 inches and 0.6910 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.0895 inches single shaft and 0.0900 inches single shaft

Shaft Length:

0.5430 inches single shaft

Body Size:

8

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

100.0 milliamperes

Rotor Input Electrical Power Rating:

540.0 milliwatts

Zro Resistance In Ohms:

54.00

Zso Resistance In Ohms:

12.00

Zrs Resistance In Ohms:

88.00

Rotor Dc Resistance In Ohms:

37.00

Stator Dc Resistance In Ohms:

12.00

Phase Shift Angle In Deg:

8.500 input to 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:

16.00 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

4.00 centimeter-grams

Torque Gradient Per Angular Deg:

2200.0 millimeter-milligrams

Pilot Length:

0.0430 inches

Mounting Surface To Terminal End Distance:

1.5630 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

260.00

Plus J Zso Reactance In Ohms:

45.00

Plus J Zrs Reactance In Ohms:

22.00

Shaft Type:

Round 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:

Yes - demil/mli

Fiig:

A07800