

View Online at <https://aerobasegroup.com/nsn/5990-00-373-9787>

Body Style:

Standard round a

Pilot Diameter:

Between 0.4997 inches and 0.5000 inches

Overall Length:

1.7810 inches

Flange Diameter:

0.7500 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

0.6910 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.0895 inches single shaft and 0.0900 inches single shaft

Shaft Length:

0.5000 inches single shaft

Maximum Temperature Rise:

25.0 degrees celsius

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:

Between 39.00 and 54.00

Rotor Dc Resistance In Ohms:

37.00

Phase Shift Angle In Deg:

Between 7.000 input to output and 10.000 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 Plus 25 Deg Celsius:

0.04 inch-ounces

Torque Gradient Per Angular Deg:

2200.000 millimeter-milligrams

Pilot Length:

0.0400 inches

Mounting Surface To Terminal End Distance:

1.2410 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

260.00

Shaft Type:

Round, flatted single shaft

Transformation Ratio:

0.454 rotor to stator

Shaft Flatted Portion Thickness:

0.0750 inches single shaft

Shaft Flatted Portion Length:

0.3700 inches single shaft

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

A07800