

View Online at <https://aerobasegroup.com/nsn/5990-00-137-2913>

Body Material:

Steel, stainless

Body Style:

Standard round a

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

1.8660 inches

Flange Diameter:

0.7500 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

0.6910 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.1245 inches single shaft and 0.1250 inches single shaft

Shaft Length:

0.6250 inches single shaft

Maximum Temperature Rise:

85.0 degrees celsius

Body Size:

8

Rotor Input Voltage Rating In Volts:

11.8

Frequency In Hertz:

400.0

Rotor Input Current Rating:

0.113 amperes

Rotor Input Electrical Power Rating:

0.54 watts finished-chamfered

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 Fundamental Null Voltage In Millivolts Per Volt:

40.00 output

Electrical Error Angular Range In Minutes:

-20.0/+20.0

Actuator Friction Torque At Minus 55 Deg Celsius:

9.00 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

3.00 centimeter-grams

Shaft Radial Play Test Point:

0.125 inches

Shaft Maximum Radial Play:

0.0008 inches

Shaft End Play:

0.0015 inches

Pilot Length:

0.0400 inches

Mounting Surface To Terminal End Distance:

1.2410 inches

Terminal Location:

Front

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

Shaft Radial Play Determining Weight:

4.0 ounces

Shaft End Play Determining Weight:

8.0 ounces

Terminal Type And Quantity:

5 tab w/screw

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

A07800