

View Online at <https://aerobasegroup.com/nsn/5990-00-810-1518>

Body Material:

Steel, stainless

Body Style:

Standard round, rotatable stator c

Shoulder Diameter:

Between 0.9995 inches and 1.0000 inches

Pilot Diameter:

0.6250 inches

Overall Length:

Between 2.9630 inches and 3.0450 inches

Flange Diameter:

Between 1.1850 inches and 1.1910 inches

Flange Thickness:

Between 0.0900 inches and 0.0960 inches

Undercut Diameter:

Between 1.1050 inches and 1.1130 inches

Undercut Width:

0.0500 inches

Shaft Diameter:

0.1195 inches front shaft and 0.1200 inches front shaft

Shaft Length:

0.3950 inches front shaft

Fragility Factor:

Moderately rugged

Body Size:

12

Stator Input Voltage Rating In Volts:

11.8

Stator Input Current Rating:

21.0 milliamperes

Stator Input Electrical Power Rating:

50.0 milliwatts

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

625.00

Zso Resistance In Ohms:

93.00

Zrs Resistance In Ohms:

570.00

Zss Resistance In Ohms:

106.00

Rotor Dc Resistance In Ohms:

385.00

Stator Dc Resistance In Ohms:

60.00

Phase Shift Angle In Deg:

4.200 output to input

Maximum Fundamental Null Voltage In Millivolts Per Volt:

34.00 input

Maximum Total Null Voltage Output In Millivolts Per Volt:

53.00

Electrical Error Angular Range In Minutes:

-10.0/+10.0

Actuator Friction Torque At Minus 55 Deg Celsius:

120.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

30.0 centimeter-grams

Shaft Radial Play Test Point:

0.125 inches

Shaft Maximum Radial Play:

0.0050 inches

Shaft End Play:

Between 0.0003 inches and 0.0005 inches

Pilot Length:

0.0590 mils and 0.0650 centimeters

Shoulder Length:

0.0590 mils and 0.0650 centimeters

Mounting Surface To Terminal End Distance:

2.3110 inches

Shaft Maximum Runout:

0.0010 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

3280.00

Plus J Zso Reactance In Ohms:

570.00

Plus J Zrs Reactance In Ohms:

330.00

Shaft Type:

Round both shafts

Plus J Zss Reactance In Ohms:

68.00

Transformation Ratio:

2.203 rotor to stator

Shaft Radial Play Determining Weight:

4.0 ounces

Shaft End Play Determining Weight:

16.0 ounces

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800