

View Online at <https://aerobasegroup.com/nsn/5990-00-583-3254>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round, rotatable stator c

Shoulder Diameter:

Between 1.1050 inches and 1.1130 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:

1.1130 inches

Undercut Width:

0.0500 inches

Shaft Diameter:

0.1195 inches single shaft and 0.1200 inches single shaft

Shaft Length:

0.4210 inches single shaft and 0.4630 inches single shaft

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:

6.700 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

53.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

80.00

Electrical Error Angular Range In Minutes:

-10.0/+10.0

Actuator Friction Torque At Minus 55 Deg Celsius:

32.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

8.0 centimeter-grams

Pilot Length:

Between 0.0590 inches and 0.0650 inches

Shoulder Length:

Between 0.0590 inches and 0.0650 inches

Mounting Surface To Terminal End Distance:

Between 2.3050 inches and 2.3110 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 single shaft

Plus J Zss Reactance In Ohms:

68.00

Transformation Ratio:

2.203 rotor to stator

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

A07800