

View Online at <https://aerobasegroup.com/nsn/5990-00-061-9041>

Body Material:

Steel, stainless

Body Style:

Standard round b

Shoulder Diameter:

Between 0.9995 inches and 1.0000 inches

Pilot Diameter:

Between 0.6245 inches and 0.6252 inches

Overall Length:

Between 2.3420 inches and 2.3740 inches

Flange Diameter:

Between 1.0590 inches and 1.0620 inches

Flange Thickness:

0.0930 inches

Undercut Width:

0.0500 inches

Shaft Diameter:

0.1195 inches single shaft and 0.1200 inches single shaft

Shaft Length:

0.5630 inches single shaft

Fragility Factor:

Moderately rugged

Body Size:

11

Stator Input Voltage Rating In Volts:

78.0

Stator Input Current Rating:

17.0 milliamperes

Stator Input Electrical Power Rating:

250.0 milliwatts

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

707.00

Zrs Resistance In Ohms:

637.00

Zss Resistance In Ohms:

876.00

Rotor Dc Resistance In Ohms:

370.00

Stator Dc Resistance In Ohms:

602.00

Phase Shift Angle In Deg:

3.400 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

59.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

94.00

Electrical Error Angular Range In Minutes:

-10.0/+10.0

Actuator Friction Torque At Minus 55 Deg Celsius:

15.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

3.0 centimeter-grams

Alignment Hole Quantity:

4

Pilot Length:

0.0620 inches

Shoulder Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

Between 1.7330 inches and 1.7950 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

3194.00

Shaft Slot Depth:

0.0310 inches single shaft

Shaft Slot Width:

0.0310 inches single shaft

Plus J Zrs Reactance In Ohms:

324.00

Shaft Type:

Round, slotted single shaft

Alignment Hole Depth:

0.0310 inches

Plus J Zss Reactance In Ohms:

4580.00

Transformation Ratio:

0.735 rotor to stator

Alignment Hole Bolt Circle Diameter:

0.8120 inches

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

A07800