

View Online at <https://aerobasegroup.com/nsn/5990-00-059-2616>

Body Material:

Aluminum

Body Style:

Standard round c

Shoulder Diameter:

Between 0.8118 inches and 0.8123 inches

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

2.2700 inches

Flange Diameter:

Between 0.9360 inches and 0.9370 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

Between 0.8370 inches and 0.8400 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.0895 inches rear shaft and 0.0900 inches rear shaft

Shaft Length:

0.5620 inches front shaft

Fragility Factor:

Moderately rugged

Maximum Temperature Rise:

5.0 degrees celsius

Body Size:

10

Stator Input Voltage Rating In Volts:

11.8

Stator Input Current Rating:

100.0 milliamperes

Stator Input Electrical Power Rating:

320.0 milliwatts

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

58.0 milliamperes

Rotor Input Electrical Power Rating:

420.0 milliwatts

Zro Resistance In Ohms:

122.00

Zrs Resistance In Ohms:

156.00

Zss Resistance In Ohms:

41.00

Zso-9 Designator Resistance In Ohms:

32.00

Rotor Dc Resistance In Ohms:

86.00

Stator Dc Resistance In Ohms:

22.00

Phase Shift Angle In Deg:

11.000 input to output

Maximum Total Null Voltage Output In Millivolts Per Volt:

70.00

Electrical Error Angular Range In Minutes:

-10.0 to 10.0

Actuator Friction Torque At Minus 55 Deg Celsius:

15.00 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

5.00 centimeter-grams

Alignment Hole Quantity:

3

Pilot Length:

0.0380 inches

Shoulder Length:

0.0630 inches

Mounting Surface To Terminal End Distance:

1.2460 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

430.00

Shaft Slot Depth:

0.0260 inches front shaft

Shaft Slot Width:

0.0250 inches front shaft

Plus J Zrs Reactance In Ohms:

74.00

Shaft Type:

Round, slotted front shaft

Plus J Zss Reactance In Ohms:

21.00

Alignment Hole Bolt Circle Diameter:

0.6780 inches

Plus J Zso-9 Designator Reactance In Ohms:

114.00

Terminal Type And Quantity:

7 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800