

View Online at <https://aerobasegroup.com/nsn/5990-00-150-6979>

Body Style:

Standard round a

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

1.6150 inches

Flange Diameter:

Between 0.7490 inches and 0.7500 inches

Flange Thickness:

Between 0.0590 inches and 0.0650 inches

Undercut Diameter:

Between 0.6880 inches and 0.6910 inches

Undercut Width:

Between 0.0590 inches and 0.0650 inches

Shaft Diameter:

0.0900 inches single shaft and 0.0920 inches single shaft

Shaft Length:

0.3750 inches single shaft

Fragility Factor:

Moderately rugged

Maximum Temperature Rise:

125.0 degrees celsius

Body Size:

8

Stator Input Voltage Rating In Volts:

11.8

Stator Input Current Rating:

40.0 milliamperes

Stator Input Electrical Power Rating:

70.0 milliwatts

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

475.00

Zso Resistance In Ohms:

65.00

Zrs Resistance In Ohms:

553.00

Rotor Dc Resistance In Ohms:

325.00

Stator Dc Resistance In Ohms:

62.00

Phase Shift Angle In Deg:

8.000 input to output

Electrical Error Angular Range In Minutes:

-3.5/+3.5

Actuator Friction Torque At Minus 55 Deg Celsius:

9.0 centimeter-grams

Shaft Maximum Radial Play:

0.0005 inches

Shaft End Play:

Between 0.0003 inches and 0.0008 inches

Pilot Length:

0.0390 mils and 0.0430 centimeters

Mounting Surface To Terminal End Distance:

1.2400 inches

Shaft Maximum Runout:

0.0010 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

1780.00

Plus J Zso Reactance In Ohms:

28.00

Plus J Zrs Reactance In Ohms:

157.00

Shaft Type:

Round, slotted single shaft

Alignment Hole Depth:

0.0500 inches

Alignment Hole Bolt Circle Diameter:

0.5730 inches

Shaft Radial Play Determining Weight:

4.0 ounces

Shaft End Play Determining Weight:

4.0 ounces

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800