

View Online at <https://aerobasegroup.com/nsn/5990-00-253-0261>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round c

Shoulder Diameter:

Between 0.9995 inches and 1.0000 inches

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

2.1860 inches

Flange Diameter:

Between 1.0590 inches and 1.0620 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

0.9860 inches

Undercut Width:

0.0500 inches

Shaft Diameter:

0.1195 inches single shaft and 0.1200 inches single shaft

Shaft Length:

0.3750 inches single shaft

Fragility Factor:

Moderately rugged

Maximum Temperature Rise:

15.0 degrees celsius

Body Size:

11

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

120.0 milliamperes

Rotor Input Electrical Power Rating:

0.6 watts

Zro Resistance In Ohms:

35.00

Zso Resistance In Ohms:

8.10

Zrs Resistance In Ohms:

49.00

Rotor Dc Resistance In Ohms:

18.00

Stator Dc Resistance In Ohms:

7.50

Phase Shift Angle In Deg:

5.000 input to output

Electrical Error Angular Range In Minutes:

-30.0/+30.0

Receiver Error Angular Range In Minutes:

-60.0/+60.0

Actuator Friction Torque At Minus 55 Deg Celsius:

5400.0 millimeter-milligrams

Actuator Friction Torque At Plus 25 Deg Celsius:

2700.0 millimeter-milligrams

Torque Gradient Per Angular Deg:

2250.0 millimeter-milligrams

Shaft Maximum Radial Play:

0.0010 inches

Shaft End Play:

Between 0.0020 inches and 0.0050 inches

Pilot Length:

0.0620 inches

Shoulder Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

1.7490 inches

Shaft Hole Diameter:

0.0570 inches single shaft and 0.0600 inches single shaft

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

288.00

Plus J Zso Reactance In Ohms:

47.00

Plus J Zrs Reactance In Ohms:

24.00

Shaft Type:

Round, hollowed single shaft

Shaft Radial Play Determining Weight:

4.0 ounces

Shaft End Play Determining Weight:

8.0 ounces

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800