

View Online at <https://aerobasegroup.com/nsn/5990-00-504-8809>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round b

Shoulder Diameter:

Between 1.3115 inches and 1.3120 inches

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

2.1310 inches

Flange Diameter:

Between 1.4360 inches and 1.4370 inches

Flange Thickness:

0.0930 inches

Undercut Width:

0.0780 inches

Shaft Diameter:

0.1195 inches single shaft and 0.1200 inches single shaft

Shaft Length:

0.5400 inches single shaft

Fragility Factor:

Moderately rugged

Body Size:

15

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

125.0 milliamperes

Rotor Input Electrical Power Rating:

600.0 milliwatts

Zro Resistance In Ohms:

47.00

Zso Resistance In Ohms:

10.30

Zrs Resistance In Ohms:

44.00

Zso-9 Designator Resistance In Ohms:

6.10

Rotor Dc Resistance In Ohms:

16.00

Stator Dc Resistance In Ohms:

7.00

Phase Shift Angle In Deg:

3.000 input to output

Maximum Total Null Voltage Output In Millivolts Per Volt:

25.00

Electrical Error Angular Range In Minutes:

-12.0/+12.0

Actuator Friction Torque At Minus 55 Deg Celsius:

6.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

2.0 millimeter-milligrams

Torque Gradient Per Angular Deg:

2250.0 millimeter-milligrams

Alignment Hole Quantity:

4

Pilot Length:

0.0400 inches

Shoulder Length:

0.1320 inches

Mounting Surface To Terminal End Distance:

1.5910 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

260.00

Shaft Slot Depth:

0.0310 inches single shaft

Plus J Zso Reactance In Ohms:

43.00

Shaft Slot Width:

0.0210 inches single shaft and 0.0310 inches single shaft

Plus J Zrs Reactance In Ohms:

28.00

Shaft Type:

Round, slotted single shaft

Alignment Hole Depth:

0.1250 inches

Alignment Hole Bolt Circle Diameter:

0.8750 inches

Plus J Zso-9 Designator Reactance In Ohms:

12.50

Special Features:

18 inch wire lead terminal required

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800