

View Online at <https://aerobasegroup.com/nsn/5990-00-239-3432>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round a

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

1.8780 inches

Flange Diameter:

Between 0.7470 inches and 0.7500 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

Between 0.6880 inches and 0.6910 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.0900 inches rear shaft

Shaft Length:

0.6370 inches both shafts

Fragility Factor:

Moderately rugged

Body Size:

8

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

170.0 milliamperes

Rotor Input Electrical Power Rating:

930.0 milliwatts

Zro Resistance In Ohms:

32.00

Zso Resistance In Ohms:

7.30

Zrs Resistance In Ohms:

55.00

Rotor Dc Resistance In Ohms:

24.00

Stator Dc Resistance In Ohms:

8.50

Phase Shift Angle In Deg:

9.500 input to output

Maximum Total Null Voltage Output In Millivolts Per Volt:

30.00

Electrical Error Angular Range In Minutes:

-7.0/+7.0

Actuator Friction Torque At Minus 55 Deg Celsius:

9.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

3.0 centimeter-grams

Pilot Length:

0.0430 inches

Mounting Surface To Terminal End Distance:

1.2410 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

150.00

Shaft Slot Depth:

0.0250 inches both shafts

Plus J Zso Reactance In Ohms:

26.20

Shaft Slot Width:

0.0200 inches both shafts

Plus J Zrs Reactance In Ohms:

17.00

Shaft Type:

Round, slotted both shafts

Transformation Ratio:

0.454 rotor to stator

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800