

View Online at <https://aerobasegroup.com/nsn/5990-00-140-0109>

Body Material:

Steel, corrosion resisting

Pilot Diameter:

0.8745 inches

Overall Length:

2.0810 inches

Body Diameter:

0.9660 inches

Shaft Diameter:

0.0495 inches single shaft

Shaft Length:

0.3130 inches single shaft

Fragility Factor:

Moderately rugged

Body Size:

10

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:

600.0 milliwatts

Zro Resistance In Ohms:

44.00

Zso Resistance In Ohms:

13.00

Zrs Resistance In Ohms:

56.00

Rotor Dc Resistance In Ohms:

18.00

Stator Dc Resistance In Ohms:

10.00

Phase Shift Angle In Deg:

4.300 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

30.00 input

Maximum Total Null Voltage Output In Millivolts Per Volt:

70.00

Electrical Error Angular Range In Minutes:

-22.5 to 22.5

Actuator Friction Torque At Minus 55 Deg Celsius:

1.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

3300.0 millimeter-milligrams

Pilot Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

1.6960 inches

Terminal Location:

Front and rear

Plus J Zro Reactance In Ohms:

243.00

Plus J Zso Reactance In Ohms:

45.00

Shaft Tapered End Minor Diameter:

0.0300 inches single shaft

Plus J Zrs Reactance In Ohms:

27.50

Shaft Type:

Round, tapered single shaft

Transformation Ratio:

0.454 rotor to stator

Shaft Taper Angle In Deg:

12.3 single shaft

Shaft Taper Length:

0.0400 inches single shaft

Terminal Type And Quantity:

9 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800