

View Online at <https://aerobasegroup.com/nsn/5990-00-783-4560>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round a

Pilot Diameter:

0.5000 inches

Overall Length:

1.9980 inches

Flange Diameter:

0.7500 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

0.6910 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.0900 inches single shaft

Shaft Length:

0.3770 inches single shaft

Schematic Diagram Designator:

1 y-rotor, 1 y-stator

Fragility Factor:

Moderately rugged

End Application:

An/ayk-2

Body Size:

8

Stator Input Voltage Rating In Volts:

11.8

Stator Input Current Rating:

96.0 milliamperes

Stator Input Electrical Power Rating:

250.0 milliwatts

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

38.00

Zso Resistance In Ohms:

28.00

Zrs Resistance In Ohms:

47.00

Rotor Dc Resistance In Ohms:

36.00

Phase Shift Angle In Deg:

9.000 output to input

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

Shaft Radial Play Test Point:

0.125 inches

Shaft Maximum Radial Play:

0.0005 inches

Shaft End Play:

Between 0.0003 inches and 0.0008 inches

Pilot Length:

0.0430 inches

Mounting Surface To Terminal End Distance:

1.3680 inches

Shaft Maximum Runout:

0.0010 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

122.00

Shaft Slot Depth:

0.0300 inches single shaft

Plus J Zso Reactance In Ohms:

114.00

Shaft Slot Width:

0.0250 inches single shaft

Plus J Zrs Reactance In Ohms:

13.00

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

1.000 rotor to stator

Shaft Radial Play Determining Weight:

4.0 ounces

Shaft End Play Determining Weight:

8.0 ounces

Terminal Type And Quantity:

6 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800