

View Online at <https://aerobasegroup.com/nsn/5990-00-706-8962>

Body Material:

Any acceptable

Body Style:

Standard round a

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

1.7110 inches

Flange Diameter:

Between 0.7450 inches and 0.7530 inches

Flange Thickness:

Between 0.0590 inches and 0.0650 inches

Undercut Diameter:

Between 0.6820 inches and 0.6920 inches

Undercut Width:

Between 0.0590 inches and 0.0650 inches

Shaft Diameter:

0.1195 inches single shaft and 0.1200 inches single shaft

Shaft Length:

0.4610 inches single shaft and 0.4850 inches single shaft

Maximum Temperature Rise:

9.0 degrees celsius

Body Size:

8

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

114.0 milliamperes

Rotor Input Electrical Power Rating:

650.0 milliwatts

Zro Impedance Magnitude In Ohms:

269.00

Zro Impedance Angle In Deg:

75.00

Zso Impedance Magnitude In Ohms:

89.00

Zso Impedance Angle In Deg:

62.00

Rotor Dc Resistance In Ohms:

Between 50.15 and 67.85

Stator Dc Resistance In Ohms:

Between 15.30 and 20.70

Phase Shift Angle In Deg:

13.000 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

17.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

26.00

Electrical Error Angular Range In Minutes:

-5.0/+5.0

Actuator Friction Torque At Minus 55 Deg Celsius:

12.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

3.0 centimeter-grams

Pilot Length:

Between 0.0370 inches and 0.0430 inches

Mounting Surface To Terminal End Distance:

1.2400 inches

Terminal Location:

Rear

Shaft Slot Depth:

0.0250 inches single shaft and 0.0350 inches single shaft

Shaft Slot Width:

0.0200 inches single shaft and 0.0300 inches single shaft

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

Between 0.446 rotor to stator and 0.462 rotor to stator

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800