

View Online at <https://aerobasegroup.com/nsn/5990-00-818-7136>

Body Material:

Steel, corrosion resisting

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:

0.0620 inches

Undercut Diameter:

0.6870 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.1200 inches single shaft

Shaft Length:

0.4710 inches single shaft

Fragility Factor:

Moderately rugged

Maximum Temperature Rise:

3.0 degrees celsius

Body Size:

8

Stator Input Voltage Rating In Volts:

11.8

Stator Input Current Rating:

145.0 milliamperes

Stator Input Electrical Power Rating:

380.0 milliwatts

Frequency In Hertz:

400.0

Zro Impedance Magnitude In Ohms:

79.00

Zro Impedance Angle In Deg:

73.00

Zso Impedance Magnitude In Ohms:

528.00

Zso Impedance Angle In Deg:

73.50

Rotor Dc Resistance In Ohms:

118.00

Stator Dc Resistance In Ohms:

24.50

Phase Shift Angle In Deg:

13.500 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

34.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

30.00

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:

0.0400 inches

Mounting Surface To Terminal End Distance:

1.2400 inches

Terminal Location:

Rear

Shaft Slot Depth:

0.0300 inches single shaft

Shaft Slot Width:

0.0250 inches single shaft

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

2.203 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