

View Online at <https://aerobasegroup.com/nsn/5990-00-412-4411>

Body Material:

Steel, stainless

Body Style:

Standard round a

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

Between 1.7420 inches and 1.7660 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:

0.1195 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:

3.0 degrees celsius

Body Size:

8

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

56.0 milliamperes

Rotor Input Electrical Power Rating:

47.0 milliwatts

Zro Impedance Magnitude In Ohms:

520.00

Zro Impedance Angle In Deg:

69.00

Zso Impedance Magnitude In Ohms:

665.00

Zso Impedance Angle In Deg:

73.50

Rotor Dc Resistance In Ohms:

145.00

Stator Dc Resistance In Ohms:

145.00

Phase Shift Angle In Deg:

18.000 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

38.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

60.00

Electrical Error Angular Range In Minutes:

-10.0/+10.0

Actuator Friction Torque At Minus 55 Deg Celsius:

16.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

4.0 centimeter-grams

Pilot Length:

0.0400 inches

Mounting Surface To Terminal End Distance:

1.2810 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:

1.000 rotor to stator

Terminal Type And Quantity:

7 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800