

View Online at <https://aerobasegroup.com/nsn/5990-00-125-1375>

Body Material:

Steel, stainless

Body Style:

Standard round a

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

1.9400 inches

Flange Diameter:

Between 0.7490 inches and 0.7500 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

Between 0.6880 inches and 0.6910 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.1195 inches single shaft and 0.1200 inches single shaft

Shaft Length:

0.4910 inches single shaft and 0.6400 inches single shaft

Maximum Temperature Rise:

15.0 degrees celsius

Body Size:

8

Stator Input Voltage Rating In Volts:

Between 0.1 and 10.0

Stator Input Current Rating:

15.0 milliamperes

Stator Input Electrical Power Rating:

25.0 milliwatts

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

310.00

Zso Resistance In Ohms:

246.00

Transformation Ratio Equality In Percent:

0.2

Compensation Method:

Winding compensated

Zco Impedance Magnitude In Ohms:

460.00

Zco Impedance Angle In Deg:

832.00

Compensator Transformation Ratio In Percent:

0.980 rotor to compensator

Phase Shift Angle In Deg:

16.000 input to output

Maximum Total Null Voltage Output In Millivolts Per Volt:

12.00

Output Voltage Functional Error Range In Percent:

-0.1/+0.1

Actuator Friction Torque At Minus 55 Deg Celsius:

9.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

5.0 centimeter-grams

Pilot Length:

Between 0.0380 inches and 0.0430 inches

Mounting Surface To Terminal End Distance:

1.3000 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

880.00

Shaft Slot Depth:

0.0300 inches single shaft

Plus J Zso Reactance In Ohms:

760.00

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:

12 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800