

View Online at <https://aerobasegroup.com/nsn/5990-00-469-4847>

Body Material:

Steel, stainless

Body Style:

Standard round a

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

Between 1.7880 inches and 1.8180 inches

Flange Diameter:

Between 0.7470 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:

0.0895 inches single shaft and 0.0900 inches single shaft

Shaft Length:

0.5470 inches single shaft and 0.5770 inches single shaft

Maximum Temperature Rise:

100.0 degrees celsius

Body Size:

8

Rotor Input Voltage Rating In Volts:

115.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

Between 26.1 milliamperes and 31.9 milliamperes

Rotor Input Electrical Power Rating:

0.8 watts finished-chamfered

Zro Resistance In Ohms:

Between 743.00 and 1093.00

Zso Resistance In Ohms:

Between 7.62 and 11.62

Zrs Resistance In Ohms:

Between 1258.00 and 1784.00

Rotor Dc Resistance In Ohms:

Between 618.00 and 770.00

Stator Dc Resistance In Ohms:

Between 8.80 and 11.50

Phase Shift Angle In Deg:

13.200 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

75.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

75.00

Electrical Error Angular Range In Minutes:

-14.0/+14.0

Actuator Friction Torque At Minus 55 Deg Celsius:

9.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

3.0 centimeter-grams

Pilot Length:

0.0430 inches

Mounting Surface To Terminal End Distance:

1.2410 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

Between 3465.00 and 4245.00

Shaft Slot Depth:

0.0300 inches single shaft

Plus J Zso Reactance In Ohms:

Between 28.60 and 41.40

Shaft Slot Width:

0.0250 inches single shaft

Plus J Zrs Reactance In Ohms:

Between 276.00 and 484.00

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

Between 0.0995 rotor to stator and 0.1057 rotor to stator

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

A07800