

View Online at <https://aerobasegroup.com/nsn/5990-00-065-3081>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round b

Shoulder Diameter:

Between 0.8118 inches and 0.8128 inches

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

1.7360 inches

Flange Diameter:

Between 0.9360 inches and 0.9370 inches

Flange Thickness:

0.0630 inches

Undercut Width:

0.0570 inches

Shaft Diameter:

0.0895 inches single shaft and 0.0900 inches single shaft

Shaft Length:

0.4370 inches single shaft

Maximum Temperature Rise:

125.0 degrees celsius

Body Size:

10

Rotor Input Voltage Rating In Volts:

Between 25.7 and 26.3

Frequency In Hertz:

Between 396.0 and 404.0

Rotor Input Current Rating:

163.0 milliamperes

Rotor Input Electrical Power Rating:

720.0 milliwatts

Zro Resistance In Ohms:

Between 22.00 and 33.00

Zso Resistance In Ohms:

Between 5.70 and 9.70

Zrs Resistance In Ohms:

Between 37.60 and 56.40

Rotor Dc Resistance In Ohms:

Between 14.11 and 19.09

Stator Dc Resistance In Ohms:

Between 6.80 and 7.80

Phase Shift Angle In Deg:

Between 3.000 input to output and 5.000 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

30.00 input

Maximum Total Null Voltage Output In Millivolts Per Volt:

30.00

Electrical Error Angular Range In Minutes:

-12.0 to 12.0

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:

0.0380 inches

Shoulder Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

1.1840 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

Between 147.90 and 200.10

Shaft Slot Depth:

0.0300 inches single shaft

Plus J Zso Reactance In Ohms:

Between 25.92 and 35.08

Shaft Slot Width:

0.0200 inches single shaft

Plus J Zrs Reactance In Ohms:

Between 13.60 and 18.40

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

Between 0.440 rotor to stator and 0.468 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