

View Online at <https://aerobasegroup.com/nsn/5990-00-030-8817>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round b

Shoulder Diameter:

Between 0.9995 inches and 1.0000 inches

Pilot Diameter:

Between 0.6245 inches and 0.6250 inches

Overall Length:

2.0306 inches

Flange Diameter:

Between 1.0590 inches and 1.0620 inches

Flange Thickness:

Between 0.0900 inches and 0.0960 inches

Undercut Width:

0.0500 inches

Shaft Diameter:

0.1195 inches single shaft and 0.1200 inches single shaft

Shaft Length:

0.3130 inches single shaft

Maximum Temperature Rise:

125.0 degrees celsius

Body Size:

11

Stator Input Voltage Rating In Volts:

78.0

Stator Input Current Rating:

47.6 milliamperes

Stator Input Electrical Power Rating:

645.0 milliwatts

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

437.00

Zso Resistance In Ohms:

283.00

Zrs Resistance In Ohms:

480.00

Rotor Dc Resistance In Ohms:

385.00

Stator Dc Resistance In Ohms:

195.00

Phase Shift Angle In Deg:

4.000 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

30.00 input

Maximum Total Null Voltage Output In Millivolts Per Volt:

90.00

Electrical Error Angular Range In Minutes:

-7.0/+7.0

Actuator Friction Torque At Minus 55 Deg Celsius:

15.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

3.0 centimeter-grams

Pilot Length:

Between 0.0590 inches and 0.0650 inches

Shoulder Length:

Between 0.0590 inches and 0.0650 inches

Mounting Surface To Terminal End Distance:

1.5750 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

1940.00

Shaft Slot Depth:

0.0310 inches single shaft

Plus J Zso Reactance In Ohms:

1515.00

Shaft Slot Width:

0.0310 inches single shaft

Plus J Zrs Reactance In Ohms:

249.00

Shaft Type:

Round, slotted front shaft

Transformation Ratio:

1.154 stator to rotor

Terminal Type And Quantity:

6 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

A07800