

View Online at <https://aerobasegroup.com/nsn/5990-00-583-3500>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round c

Shoulder Diameter:

Between 0.9995 inches and 1.0000 inches

Pilot Diameter:

Between 0.6245 inches and 0.6250 inches

Overall Length:

2.1070 inches

Flange Diameter:

Between 1.0590 inches and 1.0620 inches

Flange Thickness:

0.0930 inches

Undercut Diameter:

Between 0.9700 inches and 0.9750 inches

Undercut Width:

0.0500 inches

Shaft Diameter:

0.1195 inches single shaft and 0.1200 inches single shaft

Shaft Length:

0.3120 inches single shaft

Body Size:

11

Rotor Input Voltage Rating In Volts:

10.2

Frequency In Hertz:

400.0

Rotor Input Current Rating:

2.8 milliamperes

Rotor Input Electrical Power Rating:

30.0 milliwatts

Zro Resistance In Ohms:

37.00

Zso Resistance In Ohms:

32.00

Zrs Resistance In Ohms:

170.00

Rotor Dc Resistance In Ohms:

26.00

Stator Dc Resistance In Ohms:

86.00

Phase Shift Angle In Deg:

5.000 output to input

Maximum Total Null Voltage Output In Millivolts Per Volt:

10.00

Electrical Error Angular Range In Minutes:

-10.0/+10.0

Actuator Friction Torque At Minus 55 Deg Celsius:

5.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

3.0 centimeter-grams

Alignment Hole Quantity:

4

Pilot Length:

0.0620 inches

Shoulder Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

1.7950 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

140.00

Shaft Slot Depth:

0.0310 inches single shaft

Plus J Zso Reactance In Ohms:

15.00

Shaft Slot Width:

0.0310 inches single shaft

Plus J Zrs Reactance In Ohms:

96.00

Shaft Type:

Round, slotted single shaft

Alignment Hole Depth:

0.1250 inches

Transformation Ratio:

0.454 stator to rotor

Alignment Hole Bolt Circle Diameter:

0.8120 inches

Terminal Type And Quantity:

6 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

A07800