

View Online at <https://aerobasegroup.com/nsn/5990-00-734-3836>

Body Material:

Steel, stainless

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:

Between 2.2310 inches and 2.2610 inches

Flange Diameter:

Between 1.0620 inches and 1.0670 inches

Flange Thickness:

Between 0.0900 inches and 0.0960 inches

Undercut Diameter:

0.9850 inches

Undercut Width:

0.0450 inches

Shaft Diameter:

0.1195 inches single shaft and 0.1200 inches single shaft

Shaft Length:

0.5210 inches single shaft and 0.5350 inches single shaft

Body Size:

11

Stator Input Voltage Rating In Volts:

11.8

Stator Input Current Rating:

65.0 milliamperes

Stator Input Electrical Power Rating:

97.0 milliwatts

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

53.00

Zso Resistance In Ohms:

31.00

Zrs Resistance In Ohms:

54.00

Rotor Dc Resistance In Ohms:

49.00

Stator Dc Resistance In Ohms:

21.00

Phase Shift Angle In Deg:

8.900 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

15.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

20.00

Electrical Error Angular Range In Minutes:

-7.0/+7.0

Actuator Friction Torque At Minus 55 Deg Celsius:

16.00 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

4.00 centimeter-grams

Alignment Hole Quantity:

4

Pilot Length:

0.0620 inches

Shoulder Length:

Between 0.0590 inches and 0.0650 inches

Mounting Surface To Terminal End Distance:

Between 1.8340 inches and 1.8400 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

224.50

Shaft Slot Depth:

0.0200 inches single shaft and 0.0350 inches single shaft

Plus J Zso Reactance In Ohms:

192.40

Shaft Slot Width:

0.0200 inches single shaft and 0.0350 inches single shaft

Plus J Zrs Reactance In Ohms:

23.90

Shaft Type:

Round, slotted single shaft

Alignment Hole Depth:

0.1250 inches

Transformation Ratio:

1.154 rotor to stator

Alignment Hole Bolt Circle Diameter:

0.8120 inches

Terminal Type And Quantity:

6 screw

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800