

View Online at <https://aerobasegroup.com/nsn/5990-00-896-8930>

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 1.9984 inches and 2.0306 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:

0.1200 inches single shaft

Shaft Length:

0.3594 inches single shaft and 0.3906 inches single shaft

Securing Hole Quantity:

4

Body Size:

11

Stator Input Voltage Rating In Volts:

78.0

Stator Input Current Rating:

17.0 milliamperes

Stator Input Electrical Power Rating:

400.0 milliwatts

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

707.00

Zso Resistance In Ohms:

876.00

Zrs Resistance In Ohms:

637.00

Rotor Dc Resistance In Ohms:

370.00

Stator Dc Resistance In Ohms:

602.00

Phase Shift Angle In Deg:

1.000 input to output

Maximum Total Null Voltage Output In Millivolts Per Volt:

94.00

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:

1.6400 inches

Mounting Facility Screw Thread Series Designator:

Unc

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

3194.00

Shaft Slot Depth:

0.0300 inches single shaft

Plus J Zso Reactance In Ohms:

4580.00

Shaft Slot Width:

0.0310 inches single shaft

Plus J Zrs Reactance In Ohms:

324.00

Shaft Type:

Round, slotted single shaft

Alignment Hole Depth:

0.1250 inches

Mounting Facility Screw Thread Diameter:

0.112 inches

Transformation Ratio:

0.735 rotor to stator

Alignment Hole Bolt Circle Diameter:

Between 0.8090 inches and 0.8150 inches

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800