

View Online at <https://aerobasegroup.com/nsn/5990-00-889-8788>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round a

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

1.7250 inches

Flange Diameter:

Between 0.7450 inches and 0.7500 inches

Flange Thickness:

Between 0.0590 inches and 0.0650 inches

Undercut Diameter:

Between 0.6820 inches and 0.6920 inches

Undercut Width:

Between 0.0590 inches and 0.0650 inches

Shaft Diameter:

0.1195 inches single shaft and 0.1200 inches single shaft

Shaft Length:

0.4610 inches single shaft and 0.4850 inches single shaft

Body Size:

8

Stator Input Voltage Rating In Volts:

11.8

Stator Input Current Rating:

30.0 milliamperes

Stator Input Electrical Power Rating:

100.0 milliwatts

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

645.00

Zso Resistance In Ohms:

110.00

Phase Shift Angle In Deg:

10.000 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

34.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

53.00

Electrical Error Angular Range In Minutes:

-10.0/+10.0

Actuator Friction Torque At Minus 55 Deg Celsius:

12.00 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

3.00 centimeter-grams

Pilot Length:

Between 0.0370 inches and 0.0450 inches

Mounting Surface To Terminal End Distance:

1.2400 inches

Terminal Location:

Side

Plus J Zro Reactance In Ohms:

240.00

Shaft Slot Depth:

0.0300 inches single shaft

Plus J Zso Reactance In Ohms:

415.00

Shaft Slot Width:

0.0250 inches single shaft

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

2.203 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