

View Online at <https://aerobasegroup.com/nsn/5990-00-836-6998>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round a

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

1.7430 inches

Flange Diameter:

Between 0.7490 inches and 0.7500 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

Between 0.6880 inches and 0.6910 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.0850 inches single shaft and 0.0900 inches single shaft

Shaft Length:

0.3750 inches single shaft

Maximum Temperature Rise:

20.0 degrees celsius

Body Size:

8

Stator Input Voltage Rating In Volts:

15.0

Stator Input Current Rating:

18.2 milliamperes

Stator Input Electrical Power Rating:

58.0 milliwatts

Rotor Input Voltage Rating In Volts:

15.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

22.0 milliamperes

Rotor Input Electrical Power Rating:

110.0 milliwatts

Zro Resistance In Ohms:

230.00

Zso Resistance In Ohms:

176.00

Zrs Resistance In Ohms:

330.00

Rotor Dc Resistance In Ohms:

220.00

Stator Dc Resistance In Ohms:

158.00

Phase Shift Angle In Deg:

18.800 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

22.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

30.00

Electrical Error Angular Range In Minutes:

-7.0/+7.0

Actuator Friction Torque At Minus 55 Deg Celsius:

3.00 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

9.00 centimeter-grams

Pilot Length:

0.0430 inches

Mounting Surface To Terminal End Distance:

1.3680 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

640.00

Shaft Slot Depth:

0.0310 inches single shaft

Plus J Zso Reactance In Ohms:

806.00

Shaft Slot Width:

0.0310 inches single shaft

Plus J Zrs Reactance In Ohms:

71.00

Shaft Type:

Round, slotted single shaft

Terminal Type And Quantity:

8 wire lead

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

No

Fig:

A07800