

View Online at <https://aerobasegroup.com/nsn/5990-00-435-1176>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round a

Pilot Diameter:

0.6910 inches

Overall Length:

1.9200 inches

Flange Diameter:

0.7500 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

0.6910 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.1200 inches single shaft

Shaft Length:

0.3320 inches single shaft

Body Size:

8

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

113.0 milliamperes

Rotor Input Electrical Power Rating:

540.0 milliwatts

Zro Resistance In Ohms:

54.00

Zso Resistance In Ohms:

20.00

Zrs Resistance In Ohms:

93.00

Rotor Dc Resistance In Ohms:

152.00

Stator Dc Resistance In Ohms:

33.00

Phase Shift Angle In Deg:

8.500 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

55.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

85.00

Electrical Error Angular Range In Minutes:

-10.0/+10.0

Actuator Friction Torque At Minus 55 Deg Celsius:

6.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

3.0 centimeter-grams

Pilot Length:

0.0430 inches

Mounting Surface To Terminal End Distance:

1.2410 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

260.00

Shaft Slot Depth:

0.0350 inches single shaft

Plus J Zso Reactance In Ohms:

45.50

Shaft Slot Width:

0.0250 inches single shaft

Plus J Zrs Reactance In Ohms:

32.00

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

0.454 rotor to stator

Terminal Type And Quantity:

5 solder stud

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

No

Fig:

A07800