

View Online at <https://aerobasegroup.com/nsn/5990-00-043-4048>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round a

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

1.6400 inches

Flange Diameter:

Between 0.7470 inches and 0.7500 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

0.6910 inches

Undercut Width:

0.0570 inches

Shaft Diameter:

0.1200 inches single shaft

Shaft Length:

0.3750 inches single shaft

Fragility Factor:

Moderately rugged

Body Size:

8

Stator Input Voltage Rating In Volts:

11.8

Stator Input Current Rating:

33.0 milliamperes

Stator Input Electrical Power Rating:

86.0 milliwatts

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

470.00

Zso Resistance In Ohms:

78.00

Zrs Resistance In Ohms:

590.00

Rotor Dc Resistance In Ohms:

333.00

Stator Dc Resistance In Ohms:

64.00

Phase Shift Angle In Deg:

8.500 input to 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:

9.0 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:

1.2450 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

1860.00

Shaft Slot Depth:

0.0250 inches single shaft

Plus J Zso Reactance In Ohms:

346.00

Shaft Slot Width:

0.0200 inches single shaft

Plus J Zrs Reactance In Ohms:

190.00

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

2.205 rotor to stator

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

No

Fig:

A07800