

View Online at <https://aerobasegroup.com/nsn/5990-00-859-2932>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round c

Shoulder Diameter:

0.8123 inches

Pilot Diameter:

0.5000 inches

Overall Length:

1.6570 inches

Flange Diameter:

0.9370 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

0.8400 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.0900 inches single shaft

Shaft Length:

0.3780 inches single shaft

Body Size:

10

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

205.0 milliamperes

Rotor Input Electrical Power Rating:

950.0 milliwatts

Zro Resistance In Ohms:

26.50

Zso Resistance In Ohms:

5.80

Zrs Resistance In Ohms:

33.20

Rotor Dc Resistance In Ohms:

13.90

Stator Dc Resistance In Ohms:

4.70

Phase Shift Angle In Deg:

5.100 input to output

Maximum Total Null Voltage Output In Millivolts Per Volt:

50.00

Electrical Error Angular Range In Minutes:

-7.5/+7.5

Actuator Friction Torque At Minus 55 Deg Celsius:

9.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

3.0 centimeter-grams

Torque Gradient Per Angular Deg:

4000.0 millimeter-milligrams

Shaft End Play:

0.0015 inches

Pilot Length:

0.0380 inches

Shoulder Length:

0.0630 inches

Mounting Surface To Terminal End Distance:

1.2410 inches

Shaft Maximum Runout:

0.0010 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

150.00

Plus J Zso Reactance In Ohms:

25.80

Plus J Zrs Reactance In Ohms:

12.10

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

0.454 rotor to stator

Shaft End Play Determining Weight:

4.0 ounces

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

A07800