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Body Material:

Aluminum

Body Style:

Standard round a

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

Between 1.7310 inches and 1.7550 inches

Flange Diameter:

Between 0.7470 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:

0.0895 inches single shaft and 0.0900 inches single shaft

Shaft Length:

0.4910 inches single shaft and 0.5150 inches single shaft

Fragility Factor:

Moderately rugged

Body Size:

8

Rotor Input Voltage Rating In Volts:

115.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

42.0 milliamperes

Rotor Input Electrical Power Rating:

1.0 watts

Zro Impedance Magnitude In Ohms:

2695.00

Zro Impedance Angle In Deg:

77.25

Zso Impedance Magnitude In Ohms:

1395.00

Zso Impedance Angle In Deg:

72.90

Zrs Impedance Magnitude In Ohms:

1242.00

Zrs Impedance Angle In Deg:

15.40

Rotor Dc Resistance In Ohms:

445.00

Stator Dc Resistance In Ohms:

450.00

Phase Shift Angle In Deg:

9.250 input to output

Electrical Error Angular Range In Minutes:

-30.0/+30.0

Actuator Friction Torque At Minus 55 Deg Celsius:

9.00 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

3.00 centimeter-grams

Torque Gradient Per Angular Deg:

2400.000 millimeter-milligrams

Pilot Length:

Between 0.0380 inches and 0.0430 inches

Mounting Surface To Terminal End Distance:

1.2400 inches

Terminal Location:

Rear

Shaft Slot Depth:

0.0300 inches single shaft

Shaft Slot Width:

0.0250 inches single shaft

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

Between 0.759 rotor to stator and 0.806 rotor to stator

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

A07800