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Body Material:

Steel, stainless

Body Style:

Standard round c

Shoulder Diameter:

Between 0.9995 inches and 1.0000 inches

Pilot Diameter:

Between 0.6245 inches and 0.6250 inches

Overall Length:

Between 2.3480 inches and 2.3720 inches

Flange Diameter:

Between 1.0600 inches and 1.0650 inches

Flange Thickness:

0.0930 inches

Undercut Diameter:

Between 0.9700 inches and 0.9800 inches

Undercut Width:

0.0500 inches

Shaft Diameter:

0.1195 inches single shaft and 0.1200 inches single shaft

Shaft Length:

0.5520 inches single shaft and 0.5760 inches single shaft

Fragility Factor:

Moderately rugged

Body Size:

11

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

280.0 milliamperes

Rotor Input Electrical Power Rating:

950.0 milliwatts

Zro Impedance Magnitude In Ohms:

18.10

Zro Impedance Angle In Deg:

78.50

Zso Impedance Magnitude In Ohms:

107.00

Zso Impedance Angle In Deg:

81.70

Rotor Dc Resistance In Ohms:

9.00

Stator Dc Resistance In Ohms:

3.00

Maximum Fundamental Null Voltage In Millivolts Per Volt:

17.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

26.00

Electrical Error Angular Range In Minutes:

-10.0 to 10.0

Actuator Friction Torque At Minus 55 Deg Celsius:

16.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

4.0 centimeter-grams

Pilot Length:

Between 0.0590 inches and 0.0650 inches

Shoulder Length:

Between 0.0570 inches and 0.0670 inches

Mounting Surface To Terminal End Distance:

Between 1.7910 inches and 1.8010 inches

Terminal Location:

Rear

Shaft Slot Depth:

0.0250 inches single shaft and 0.0350 inches single shaft

Shaft Slot Width:

0.0200 inches single shaft and 0.0300 inches single shaft

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

0.454 rotor to stator

Terminal Type And Quantity:

5 screw

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

A07800