

View Online at <https://aerobasegroup.com/nsn/5990-00-578-7542>

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 2.1600 inches and 2.1840 inches

Flange Diameter:

Between 1.0600 inches and 1.0650 inches

Flange Thickness:

0.0930 inches

Undercut Diameter:

0.9750 inches

Undercut Width:

0.0500 inches

Shaft Diameter:

0.1195 inches single shaft and 0.1200 inches single shaft

Shaft Length:

0.3640 inches single shaft and 0.3880 inches single shaft

Maximum Temperature Rise:

3.0 degrees celsius

Body Size:

11

Stator Input Voltage Rating In Volts:

11.8

Stator Input Current Rating:

165.0 milliamperes

Stator Input Electrical Power Rating:

250.0 milliwatts

Frequency In Hertz:

400.0

Z_{ro} Impedance Magnitude In Ohms:

86.00

Z_{ro} Impedance Angle In Deg:

77.10

Z_{so} Impedance Magnitude In Ohms:

74.30

Z_{so} Impedance Angle In Deg:

79.70

Rotor Dc Resistance In Ohms:

17.00

Stator Dc Resistance In Ohms:

10.50

Phase Shift Angle In Deg:

6.000 input to output

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/+10.0

Actuator Friction Torque At Minus 55 Deg Celsius:

16.00 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

4.00 centimeter-grams

Pilot Length:

0.0620 inches

Shoulder Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

1.7960 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:

1.154 rotor to stator

Terminal Type And Quantity:

6 screw

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

A07800