

View Online at <https://aerobasegroup.com/nsn/5990-00-057-1816>

Body Material:

Steel, stainless

Body Style:

Standard round b

Shoulder Diameter:

Between 0.9995 inches and 1.0000 inches

Pilot Diameter:

Between 0.6245 inches and 0.6250 inches

Overall Length:

2.1390 inches

Flange Diameter:

Between 1.0570 inches and 1.0650 inches

Flange Thickness:

0.0930 inches

Undercut Width:

0.0500 inches

Shaft Diameter:

0.1195 inches single shaft and 0.1200 inches single shaft

Shaft Length:

0.3740 inches single shaft

Maximum Temperature Rise:

16.0 degrees celsius

Body Size:

11

Rotor Input Voltage Rating In Volts:

115.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

50.0 milliamperes

Rotor Input Electrical Power Rating:

970.0 milliwatts

Zro Impedance Magnitude In Ohms:

2598.00

Zro Impedance Angle In Deg:

81.80

Zso Impedance Magnitude In Ohms:

60.00

Zso Impedance Angle In Deg:

78.50

Rotor Dc Resistance In Ohms:

218.00

Stator Dc Resistance In Ohms:

10.50

Phase Shift Angle In Deg:

5.000 input to output

Maximum Total Null Voltage Output In Millivolts Per Volt:

45.00

Actuator Friction Torque At Minus 55 Deg Celsius:

4.00 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

1.00 centimeter-grams

Pilot Length:

0.0620 inches

Shoulder Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

Between 1.7029 inches and 1.7030 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:

0.158 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

Fiig:

A07800