

View Online at <https://aerobasegroup.com/nsn/5990-00-485-7600>

Body Material:

Any acceptable

Body Style:

Standard round, rotatable housing

Shoulder Diameter:

Between 0.7495 inches and 0.7500 inches

Overall Length:

Between 1.6680 inches and 1.6980 inches

Flange Diameter:

Between 1.0600 inches and 1.0620 inches

Flange Thickness:

Between 0.0700 inches and 0.0750 inches

Body Diameter:

0.7530 inches

Shaft Diameter:

0.1243 inches single shaft and 0.1248 inches single shaft

Shaft Length:

0.3640 inches single shaft and 0.3880 inches single shaft

Fragility Factor:

Moderately rugged

Maximum Temperature Rise:

20.0 degrees celsius

Body Size:

8

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

153.0 milliamperes

Rotor Input Electrical Power Rating:

700.0 milliwatts

Zro Impedance Magnitude In Ohms:

Between 170.00 and 215.00

Zro Impedance Angle In Deg:

Between 77.50 and 80.50

Zss Impedance Magnitude In Ohms:

Between 11.00 and 15.00

Zss Impedance Angle In Deg:

Between 9.00 and 15.00

Phase Shift Angle In Deg:

Between 7.000 input to output and 10.000 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

20.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

30.00

Electrical Error Angular Range In Minutes:

-7.0/+7.0

Actuator Friction Torque At Plus 25 Deg Celsius:

0.04 inch-ounces

Shoulder Length:

Between 0.0700 inches and 0.0760 inches

Mounting Surface To Terminal End Distance:

1.0380 inches

Terminal Location:

Rear

Shaft Slot Depth:

0.0250 inches single shaft and 0.0350 inches single shaft

Shaft Slot Width:

0.0150 inches single shaft and 0.0250 inches single shaft

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

0.454 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