

View Online at <https://aerobasegroup.com/nsn/5990-00-683-0979>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round a

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

1.6360 inches

Flange Diameter:

Between 0.7490 inches and 0.7500 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

0.6910 inches

Undercut Width:

0.0570 inches

Shaft Diameter:

0.0895 inches single shaft and 0.9000 inches single shaft

Shaft Length:

0.3170 inches single shaft and 0.3470 inches single shaft

Schematic Diagram Designator:

1 y-rotor, 1 stator

Fragility Factor:

Moderately rugged

Body Size:

8

Rotor Input Voltage Rating In Volts:

115.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

43.0 milliamperes

Rotor Input Electrical Power Rating:

1.5 watts finished-chamfered

Zro Resistance In Ohms:

933.00

Zso Resistance In Ohms:

651.00

Rotor Dc Resistance In Ohms:

700.00

Phase Shift Angle In Deg:

17.000 input to output

Maximum Total Null Voltage Output In Millivolts Per Volt:

75.00

Electrical Error Angular Range In Minutes:

-7.0/+7.0

Actuator Friction Torque At Minus 55 Deg Celsius:

14.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

5.0 centimeter-grams

Shaft Maximum Radial Play:

0.0005 inches

Shaft End Play:

0.0001 inches

Pilot Length:

0.0430 inches

Mounting Surface To Terminal End Distance:

1.2410 inches

Shaft Maximum Runout:

0.0010 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

2985.00

Shaft Slot Depth:

0.0300 inches single shaft

Plus J Zso Reactance In Ohms:

1545.00

Shaft Slot Width:

0.0300 inches single shaft

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

0.783 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