

View Online at <https://aerobasegroup.com/nsn/5990-00-683-0020>

Body Material:

Aluminum

Body Style:

Standard round c

Shoulder Diameter:

1.9995 inches

Pilot Diameter:

0.7500 inches

Overall Length:

3.2370 inches

Flange Diameter:

2.1610 inches

Flange Thickness:

0.1250 inches

Undercut Diameter:

2.0000 inches

Undercut Width:

0.0950 inches

Shaft Diameter:

1.8500 inches single shaft

Shaft Length:

0.5000 inches single shaft

Schematic Diagram Designator:

1 y-rotor, 1 stator

Fragility Factor:

Moderately rugged

Body Size:

22

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

1.0 amperes

Rotor Input Electrical Power Rating:

4.0 watts finished-chamfered

Zro Resistance In Ohms:

1.00

Zso Resistance In Ohms:

5.00

Rotor Dc Resistance In Ohms:

0.58

Stator Dc Resistance In Ohms:

0.26

Phase Shift Angle In Deg:

1.500 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

19.00 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:

45.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

15.0 centimeter-grams

Shaft Radial Play Test Point:

0.125 inches

Shaft Maximum Radial Play:

0.0010 inches

Shaft End Play:

0.0010 inches

Pilot Length:

0.0600 inches

Shoulder Length:

0.2000 inches

Mounting Surface To Terminal End Distance:

1.6340 inches

Shaft Maximum Runout:

0.0015 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

5.00

Shaft Slot Depth:

0.0470 inches single shaft

Plus J Zso Reactance In Ohms:

35.00

Shaft Slot Width:

0.0320 inches single shaft

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

0.454 stator to rotor

Shaft Radial Play Determining Weight:

4.0 ounces

Shaft End Play Determining Weight:

8.0 ounces

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800