

View Online at <https://aerobasegroup.com/nsn/5990-00-779-6844>

Body Material:

Aluminum

Body Style:

Standard round c

Shoulder Diameter:

1.3120 inches

Pilot Diameter:

0.5000 inches

Overall Length:

2.1930 inches

Flange Diameter:

1.4370 inches

Flange Thickness:

0.0980 inches

Undercut Diameter:

1.3150 inches

Undercut Width:

0.0880 inches

Shaft Diameter:

0.1200 inches single shaft

Shaft Length:

0.5310 inches single shaft

Schematic Diagram Designator:

1 y-rotor, 1 stator

Fragility Factor:

Moderately rugged

Body Size:

15

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

226.0 milliamperes

Rotor Input Electrical Power Rating:

1.25 watts finished-chamfered

Zro Resistance In Ohms:

19.00

Zso Resistance In Ohms:

4.70

Zrs Resistance In Ohms:

21.00

Zso-9 Designator Resistance In Ohms:

3.30

Rotor Dc Resistance In Ohms:

8.00

Stator Dc Resistance In Ohms:

3.60

Phase Shift Angle In Deg:

3.900 input to output

Maximum Total Null Voltage Output In Millivolts Per Volt:

30.00

Electrical Error Angular Range In Minutes:

-10.0/+10.0

Actuator Friction Torque At Minus 55 Deg Celsius:

30.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

10.0 centimeter-grams

Shaft Radial Play Test Point:

0.125 inches

Shaft Maximum Radial Play:

0.0010 inches

Shaft End Play:

Between 0.0003 inches and 0.0015 inches

Pilot Length:

0.0450 centimeters

Shoulder Length:

0.1370 centimeters

Mounting Surface To Terminal End Distance:

1.6620 inches

Shaft Maximum Runout:

0.0010 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

112.00

Shaft Slot Depth:

0.0310 inches single shaft

Plus J Zso Reactance In Ohms:

19.00

Shaft Slot Width:

0.0310 inches single shaft

Plus J Zrs Reactance In Ohms:

13.00

Shaft Type:

Round, slotted single shaft

Plus J Zso-9 Designator Reactance In Ohms:

5.70

Shaft Radial Play Determining Weight:

4.0 ounces

Shaft End Play Determining Weight:

4.0 ounces

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800