

View Online at <https://aerobasegroup.com/nsn/5990-00-133-0102>

Body Material:

Any acceptable

Body Style:

Standard round, rotatable housing

Shoulder Diameter:

Between 0.6245 inches and 0.6255 inches

Overall Length:

1.9750 inches

Flange Diameter:

Between 1.0610 inches and 1.0620 inches

Flange Thickness:

0.0930 inches

Body Diameter:

1.0620 inches

Shaft Diameter:

0.1195 inches single shaft and 0.1200 inches single shaft

Shaft Length:

0.3130 inches single shaft

Schematic Diagram Designator:

1 y-rotor, 1 stator

Body Size:

11

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

240.0 milliamperes

Rotor Input Electrical Power Rating:

920.0 milliwatts

Zro Resistance In Ohms:

16.00

Zso Resistance In Ohms:

5.70

Rotor Dc Resistance In Ohms:

8.50

Stator Dc Resistance In Ohms:

3.00

Phase Shift Angle In Deg:

5.000 input to output

Electrical Error Angular Range In Minutes:

-7.0 to 7.0

Actuator Friction Torque At Minus 55 Deg Celsius:

9.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

3.0 centimeter-grams

Torque Gradient Per Angular Deg:

5700.0 millimeter-milligrams

Alignment Hole Quantity:

4

Shaft Maximum Radial Play:

0.0005 inches

Shaft End Play:

Between 0.0003 inches and 0.0008 inches

Shoulder Length:

Between 0.0590 inches and 0.0650 inches

Mounting Surface To Terminal End Distance:

1.4450 inches

Shaft Maximum Runout:

0.0010 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

107.00

Shaft Slot Depth:

0.0220 inches single shaft and 0.0320 inches single shaft

Plus J Zso Reactance In Ohms:

18.10

Shaft Slot Width:

0.0220 inches single shaft and 0.0320 inches single shaft

Shaft Type:

Round, slotted single shaft

Alignment Hole Depth:

0.0700 inches

Alignment Hole Bolt Circle Diameter:

Between 0.8090 inches and 0.8150 inches

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800