

View Online at <https://aerobasegroup.com/nsn/5990-00-115-5848>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round c

Shoulder Diameter:

0.8123 inches

Pilot Diameter:

0.5000 inches

Overall Length:

1.8340 inches

Flange Diameter:

0.9370 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

0.8370 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.0900 inches single shaft

Shaft Length:

0.3750 inches single shaft

Schematic Diagram Designator:

1 y-rotor, 1 stator

Fragility Factor:

Moderately rugged

Body Size:

10

Stator Input Voltage Rating In Volts:

26.0

Stator Input Current Rating:

35.0 milliamperes

Stator Input Electrical Power Rating:

300.0 milliwatts

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

225.00

Zso Resistance In Ohms:

43.00

Zrs Resistance In Ohms:

265.00

Rotor Dc Resistance In Ohms:

135.00

Stator Dc Resistance In Ohms:

36.00

Phase Shift Angle In Deg:

11.000 input to output

Electrical Error Angular Range In Minutes:

-10.0/+10.0

Actuator Friction Torque At Minus 55 Deg Celsius:

15.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

4.0 centimeter-grams

Alignment Hole Quantity:

3

Shaft Radial Play Test Point:

0.125 inches

Shaft Maximum Radial Play:

0.0008 inches

Shaft End Play:

Between 0.0003 inches and 0.0015 inches

Pilot Length:

0.0380 inches

Shoulder Length:

0.0630 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:

695.00

Shaft Slot Depth:

0.0200 inches single shaft

Plus J Zso Reactance In Ohms:

141.00

Shaft Slot Width:

0.0250 inches single shaft

Plus J Zrs Reactance In Ohms:

111.00

Shaft Type:

Round, slotted single shaft

Alignment Hole Depth:

0.0620 inches

Alignment Hole Bolt Circle Diameter:

0.6780 inches

Shaft Radial Play Determining Weight:

1.411 ounces

Shaft End Play Determining Weight:

3.0 ounces

Terminal Type And Quantity:

5 screw

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

A07800