

View Online at <https://aerobasegroup.com/nsn/5990-01-134-7756>

Body Material:

Aluminum

Body Style:

Standard round c

Shoulder Diameter:

1.0000 inches

Pilot Diameter:

0.6250 inches

Overall Length:

2.1770 inches

Flange Diameter:

1.0620 inches

Flange Thickness:

0.0930 inches

Undercut Diameter:

0.9750 inches

Undercut Width:

0.0500 inches

Shaft Diameter:

0.1200 inches single shaft

Shaft Length:

0.5000 inches single shaft

Schematic Diagram Designator:

Err-090

Fragility Factor:

Moderately rugged

End Application:

Id663/arn

Body Size:

11

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

90.0 milliamperes

Rotor Input Electrical Power Rating:

280.0 allqjaa3.500 finished-chamfered

Zro Resistance In Ohms:

35.00

Zso Resistance In Ohms:

8.10

Zrs Resistance In Ohms:

49.50

Rotor Dc Resistance In Ohms:

18.00

Stator Dc Resistance In Ohms:

7.50

Phase Shift Angle In Deg:

3.800 input to output

Electrical Error Angular Range In Minutes:

-30.0/+30.0

Actuator Friction Torque At Minus 55 Deg Celsius:

7000.0 millimeter-milligrams

Actuator Friction Torque At Plus 25 Deg Celsius:

3500.0 millimeter-milligrams

Torque Gradient Per Angular Deg:

2400.0 millimeter-milligrams

Alignment Hole Quantity:

4

Shaft Radial Play Test Point:

0.125 inches

Shaft Maximum Radial Play:

0.0010 inches

Shaft End Play:

Between 0.0020 inches and 0.0050 inches

Pilot Length:

0.0620 inches

Shoulder Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

1.6000 inches

Shaft Maximum Runout:

0.0010 inches

Shaft Hole Diameter:

0.0600 inches single shaft and 0.0630 inches single shaft

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

288.00

Plus J Zso Reactance In Ohms:

47.00

Plus J Zrs Reactance In Ohms:

24.00

Shaft Type:

Round, hollowed single shaft

Alignment Hole Depth:

0.0700 inches

Transformation Ratio:

0.454 stator to rotor

Alignment Hole Bolt Circle Diameter:

0.8120 inches

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

Fiig:

A07800