

View Online at <https://aerobasegroup.com/nsn/5990-00-722-7918>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round c

Shoulder Diameter:

Between 0.8118 inches and 0.8123 inches

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

1.6540 inches

Flange Diameter:

Between 0.9360 inches and 0.9370 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

Between 0.8350 inches and 0.8400 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.0880 inches single shaft and 0.0900 inches single shaft

Shaft Length:

0.4120 inches single shaft

Schematic Diagram Designator:

1 y-rotor, 1 stator

Fragility Factor:

Moderately rugged

Body Size:

10

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

105.0 milliamperes

Rotor Input Electrical Power Rating:

990.0 allqjaa3.500 finished-chamfered

Zro Resistance In Ohms:

48.00

Zso Resistance In Ohms:

9.90

Zrs Resistance In Ohms:

70.50

Rotor Dc Resistance In Ohms:

33.00

Stator Dc Resistance In Ohms:

9.60

Phase Shift Angle In Deg:

8.000 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:

9.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

3.0 centimeter-grams

Torque Gradient Per Angular Deg:

2300.0 millimeter-milligrams

Alignment Hole Quantity:

3

Shaft Radial Play Test Point:

0.125 inches

Shaft Maximum Radial Play:

0.0008 inches

Shaft End Play:

Between 0.0002 inches and 0.0012 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:

235.00

Shaft Slot Depth:

0.0300 inches single shaft

Plus J Zso Reactance In Ohms:

41.60

Shaft Slot Width:

0.0200 inches single shaft

Plus J Zrs Reactance In Ohms:

26.00

Shaft Type:

Round, slotted single shaft

Alignment Hole Depth:

0.0780 inches

Transformation Ratio:

0.454 rotor to stator

Alignment Hole Bolt Circle Diameter:

0.6780 inches

Shaft Radial Play Determining Weight:

0.75 ounces

Shaft End Play Determining Weight:

3.0 ounces

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800