

View Online at <https://aerobasegroup.com/nsn/5990-00-879-3933>

Body Material:

Steel, stainless

Body Style:

Standard round b

Shoulder Diameter:

Between 1.3115 inches and 1.3120 inches

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

2.1820 inches

Flange Diameter:

Between 1.4360 inches and 1.4370 inches

Flange Thickness:

0.0930 inches

Undercut Width:

0.0780 inches

Shaft Diameter:

0.1195 inches single shaft and 0.1200 inches single shaft

Shaft Length:

0.5000 inches single shaft

Fragility Factor:

Moderately rugged

Body Size:

14

Rotor Input Voltage Rating In Volts:

115.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

40.0 milliamperes

Rotor Input Electrical Power Rating:

Between 660.0 watts and 960.0 watts

Zro Resistance In Ohms:

410.00

Zso Resistance In Ohms:

4.80

Rotor Dc Resistance In Ohms:

Between 225.00 and 250.00

Stator Dc Resistance In Ohms:

4.20

Phase Shift Angle In Deg:

4.800 input to output

Maximum Total Null Voltage Output In Millivolts Per Volt:

100.00

Actuator Friction Torque At Minus 55 Deg Celsius:

16.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

4.0 centimeter-grams

Torque Gradient Per Angular Deg:

3150.0 millimeter-milligrams

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:

0.0400 inches

Shoulder Length:

0.1320 inches

Mounting Surface To Terminal End Distance:

1.6620 inches

Shaft Maximum Runout:

0.0010 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

2870.00

Plus J Zso Reactance In Ohms:

25.30

Shaft Type:

Round single shaft

Transformation Ratio:

0.454 rotor to stator

Shaft Radial Play Determining Weight:

4.0 ounces

Shaft End Play Determining Weight:

8.0 ounces

Test Data Document:

96214-530753 drawing (this is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard or other document that may be referenced in a basic governing drawing)

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

A07800