

View Online at <https://aerobasegroup.com/nsn/5990-00-503-4359>

Body Material:

Aluminum

Body Style:

Standard round, rotatable housing

Shoulder Diameter:

Between 1.9900 inches and 1.9930 inches

Overall Length:

4.6550 inches

Flange Diameter:

Between 2.2495 inches and 2.2500 inches

Flange Thickness:

0.2500 inches

Body Diameter:

Between 1.9900 inches and 1.9930 inches

Shaft Diameter:

0.2407 inches single shaft

Shaft Length:

0.7188 inches single shaft

Body Size:

23

Stator Input Voltage Rating In Volts:

100.0

Stator Input Current Rating:

50.0 milliamperes

Frequency In Hertz:

400.0

Rotor Dc Resistance In Ohms:

230.00

Stator Dc Resistance In Ohms:

205.00

Transformation Ratio Equality In Percent:

0.1

Compensator Dc Resistance In Ohms:

53.00

Compensator Transformation Ratio In Percent:

0.250 rotor to compensator

Compensator Resonant Frequency In Hertz:

30.0

Phase Shift Angle In Deg:

1.900 output to input

Interaxis Error Angular Range In Minutes:

-3.0/+3.0

Output Voltage Functional Error Range In Percent:

-0.5/+0.5

Electrical Error Angular Range In Minutes:

-5.0/+5.0

Shoulder Length:

0.4100 inches

Mounting Surface To Terminal End Distance:

3.0100 inches

Terminal Location:

Rear

Shaft Type:

Round single shaft

Transformation Ratio:

0.975 rotor to stator

Test Data Document:

94135-a12z13010-42 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:

12 pin

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

A07800