

View Online at <https://aerobasegroup.com/nsn/5990-00-644-0090>

Body Material:

Aluminum

Body Style:

Standard round, rear mounting flange

Shoulder Diameter:

1.2500 inches

Pilot Diameter:

1.0625 inches

Second Shoulder Diameter:

1.9500 inches

Second Shoulder Length:

0.0250 inches

Overall Length:

4.2000 inches

Flange Diameter:

Between 2.2480 inches and 2.2500 inches

Flange Thickness:

0.2500 inches

Body Diameter:

2.2300 inches

Shaft Diameter:

0.1820 inches single shaft

Shaft Length:

0.3850 inches single shaft

Shaft Undercut Width:

0.0150 inches single shaft

Fragility Factor:

Moderately rugged

Maximum Temperature Rise:

50.0 degrees celsius

Body Size:

23

Stator Input Voltage Rating In Volts:

115.0

Stator Input Current Rating:

300.0 milliamperes

Stator Input Electrical Power Rating:

8.0 watts

Frequency In Hertz:

60.0

Electrical Error Angular Range In Minutes:

-18.0/+18.0

Torque Gradient Per Angular Deg:

0.035 inch-ounces

Alignment Hole Quantity:

3

Pilot Length:

0.1250 inches

Shoulder Length:

0.0550 inches

Second Shoulder Face To Rear Flange Distance:

0.0450 inches

Shaft Thread Series Designator:

Unf single shaft

Shaft Thread Direction:

Right-hand single shaft

Shaft Thread Class:

2a

Terminal Location:

Rear

Shaft Tapered End Minor Diameter:

0.0200 inches single shaft

Shaft Type:

Round, tapered, threaded, undercut single shaft

Alignment Hole Depth:

0.1560 inches

Transformation Ratio:

0.774 rotor to stator

Shaft Taper Angle In Deg:

0.021 single shaft

Shaft Tip Length:

0.1500 inches single shaft

Alignment Hole Bolt Circle Diameter:

0.8440 inches

Shaft Taper Length:

0.1840 inches single shaft

Shaft Thread Size:

0.112 inches single shaft

Shaft Undercut Diameter:

0.0100 inches single shaft

Test Data Document:

81349-mil-s-22335 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

Terminal Type And Quantity:

6 screw

Shelf Life:

Nil

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

A07800