

View Online at <https://aerobasegroup.com/nsn/5990-00-644-0088>

Body Material:

Aluminum

Body Style:

Standard round double flange a

Shoulder Diameter:

4.8740 inches

Pilot Diameter:

1.7500 inches

Second Shoulder Diameter:

5.5000 inches

Second Shoulder Length:

0.5000 inches

Overall Length:

9.2100 inches

Flange Diameter:

Between 5.7480 inches and 5.7500 inches

Flange Thickness:

Between 0.2450 inches and 0.2500 inches

Body Diameter:

5.3750 inches

Shaft Diameter:

0.3500 inches single shaft and 0.3505 inches single shaft

Shaft Length:

1.0320 inches single shaft

Shaft Undercut Width:

0.0600 inches single shaft

Distance Between Flanges:

3.2500 inches

Maximum Temperature Rise:

50.0 degrees celsius

Body Size:

58

Stator Input Voltage Rating In Volts:

115.0

Stator Input Current Rating:

3.5 amperes

Stator Input Electrical Power Rating:

30.0 watts

Frequency In Hertz:

60.0

Zro Resistance In Ohms:

400.00

Electrical Error Angular Range In Minutes:

-18.0/+18.0

Torque Gradient Per Angular Deg:

4.000 inch-ounces

Pilot Length:

0.2500 inches

Shoulder Length:

1.0600 inches

Aft Of Second Flange Diameter:

4.8750 inches

Mounting Surface To Terminal End Distance:

6.6180 inches

Shaft Thread Series Designator:

Unf single shaft

Shaft Thread Direction:

Right-hand single shaft

Shaft Thread Class:

2a

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

660.00

Shaft Tapered End Minor Diameter:

0.2500 inches single shaft

Shaft Type:

Round, tapered, threaded, undercut single shaft

Transformation Ratio:

0.990 rotor to stator

Shaft Taper Angle In Deg:

3.5 single shaft

Shaft Tip Length:

0.2200 inches single shaft

Shaft Taper Length:

0.3750 inches single shaft

Shaft Thread Size:

0.250 inches single shaft

Shaft Undercut Diameter:

0.0600 inches single shaft

Special Features:

Shaft keyed with no. 00 woodruff keywhitney no. 207

Test Data Document:

81349-mil-s-2335 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:

Specification Data:

81349-mil-s-2335 government specification

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

A07800