

View Online at <https://aerobasegroup.com/nsn/5990-00-843-6761>

Body Material:

Aluminum

Body Style:

Standard round d

Shoulder Diameter:

Between 1.9850 inches and 1.9950 inches

Pilot Diameter:

Between 0.5990 inches and 0.6000 inches

Second Shoulder Diameter:

Between 1.9985 inches and 1.9995 inches

Second Shoulder Length:

0.1700 inches

Overall Length:

4.7530 inches

Flange Diameter:

Between 2.2490 inches and 2.2500 inches

Flange Thickness:

Between 2.2490 inches and 2.2500 inches

Body Diameter:

Between 1.9985 inches and 1.9995 inches

Shaft Diameter:

0.2410 inches single shaft

Shaft Length:

0.6730 inches single shaft

Maximum Temperature Rise:

45.0 degrees celsius

Body Size:

23

Stator Input Voltage Rating In Volts:

Between 8.0 and 24.0

Stator Input Current Rating:

60.0 milliamperes

Stator Input Electrical Power Rating:

600.0 milliwatts

Frequency In Hertz:

600.0

Rotor Dc Resistance In Ohms:

325.50

Stator Dc Resistance In Ohms:

76.70

Phase Shift Angle In Deg:

7.200 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

1.17 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

1.24

Interaxis Error Angular Range In Minutes:

-5.0/+5.0

Output Voltage Functional Error Range In Percent:

-0.2/+0.2

Actuator Friction Torque At Minus 55 Deg Celsius:

0.80 inch-ounces

Actuator Friction Torque At Plus 25 Deg Celsius:

0.40 inch-ounces

Pilot Length:

0.1090 inches

Shoulder Length:

0.2500 inches

Aft Of First Flange Diameter:

Between 1.9985 inches and 1.9995 inches

Mounting Surface To Terminal End Distance:

4.0800 inches

Shaft Thread Series Designator:

Unf single shaft

Shaft Thread Direction:

Right-hand single shaft

Shaft Thread Class:

2a single shaft

Terminal Location:

Rear

Shaft Thread Length:

0.3100 inches single shaft

Shaft Type:

Round, threaded single shaft

Transformation Ratio:

0.990 stator to rotor

Shaft Thread Size:

0.250 inches single shaft

Test Data Document:

81349-mil-r-14346 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:

8 screw

Shelf Life:

N/a

Unit Of Measure:

Demilitarization:

No

Fig:

A07800