NSN 5990-00-984-2200

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View Online at https://aerobasegroup.com/nsn/5990-00-984-2200

Body Material:

Steel, corrosion resisting

Body Style:

Standard round d

Shoulder Diameter:

Between 1.9850 inches and 1.9900 inches

Pilot Diameter:

Between 0.5900 inches and 0.6000 inches

Second Shoulder Diameter:

Between 1.9985 inches and 1.9995 inches

Second Shoulder Length:

0.1700 inches

Overall Length:

4.2940 inches

Flange Diameter:

Between 2.2490 inches and 2.2500 inches

Flange Thickness:

0.2500 inches

Body Diameter:

Between 1.9850 inches and 1.9900 inches

Shaft Diameter:

0.2402 inches single shaft and 0.2405 inches single shaft

Shaft Length:

0.6930 inches single shaft and 0.7190 inches single shaft

Fragility Factor:

Moderately rugged

Maximum Tempurature Rise:

65.0 degrees celsius

Body Size:

23

Rotor Input Voltage Rating In Volts:

115.0

Frequency In Hertz:

60.0

Rotor Input Current Rating:

210.0 milliamperes

Rotor Input Electrical Power Rating:

5.0 watts

Zro Resistance In Ohms:

132.00

Zso Resistance In Ohms:

98.00

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Zrs Resistance In Ohms:
249.00
Zso-9 Designator Resistance In Ohms:
94.00
Maximum Fundamental Null Voltage In Millivolts Per Volt:
75.00 output
Maximum Total Null Voltage Output In Millivolts Per Volt:
125.00
Electrical Error Angular Range In Minutes:
-8.0/+8.0
Spline Tooth Quantity:
22 single shaft
Actuator Friction Torque At Minus 55 Deg Celsius:
0.50 inch-ounces
Torque Gradient Per Angular Deg:
0.130 inch-ounces
Pilot Length:
Between 0.0360 inches and 0.0460 inches
Shoulder Length:
0.2520 inches
Aft Of First Flange Diameter:
Between 1.9985 inches and 1.9995 inches
Mounting Surface To Terminal End Distance:
3.4450 inches
Spline Tooth Diametral Pitch:
96 single shaft
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:
0.2660 inches single shaft
Plus J Zro Reactance In Ohms:
494.00
Plus J Zso Reactance In Ohms:
311.00
Plus J Zrs Reactance In Ohms:
79.00

Round single shaft

Shaft Type:

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Fransformation Rat	io:	
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0.783 rotor to stator

Plus J Zso-9 Designator Reactance In Ohms:

94.00

Shaft Thread Size:

0.250 inches single shaft

Test Data Document:

81349-mil-s-20708 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:

5 screw

Shelf Life:

N/a

Unit Of Measure:

Demilitarization:

Yes - demil/mli

Fiig:

A07800