NSN 5990-00-825-0273



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View Online at https://aerobasegroup.com/nsn/5990-00-825-0273	
Body Material:	
Steel, corrosion resisting	
Body Style:	
Standard round c	
Shoulder Diameter:	
Between 0.9995 inches and 1.0000 inches	
Pilot Diameter:	
Between 0.6245 inches and 0.6250 inches	
Overall Length:	
2.3270 inches	
Flange Diameter:	
Between 1.0570 inches and 1.0650 inches	
Flange Thickness:	
0.0930 inches	
Undercut Diameter:	
0.9750 inches	
Undercut Width:	
0.0620 inches	
Shaft Diameter:	
0.1867 inches single shaft and 0.1872 inches single shaft	
Shaft Length:	
0.5550 inches single shaft	
Maximum Tempurature Rise:	
3.0 degrees celsius	
Body Size:	
11	
Stator Input Voltage Rating In Volts:	
4.5	
Stator Input Current Rating:	
5.5 milliamperes	
Rotor Input Voltage Rating In Volts:	
9.0	

Frequency In Hertz:

4046.0

Rotor Input Current Rating:

3.5 milliamperes

Zro Resistance In Ohms:

1430.00

Zso Resistance In Ohms:

405.00

Zrs Resistance In Ohms:

169.00

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Zss Resistance In Ohms:
49.00
Rotor Dc Resistance In Ohms:
75.00
Stator Dc Resistance In Ohms:
14.50
Phase Shift Angle In Deg:
0.600 input to output
Maximum Fundamental Null Voltage In Millivolts Per Volt:
20.00 output
Maximum Total Null Voltage Output In Millivolts Per Volt:
40.00
Electrical Error Angular Range In Minutes:
-10.0/+10.0
Spline Tooth Quantity:
21 single shaft
Alignment Hole Quantity:
4
Pilot Length:
0.0620 inches
Shoulder Length:
0.0620 inches
Mounting Surface To Terminal End Distance:
1.7720 inches
Spline Tooth Diametral Pitch:
120 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:
0.2230 inches single shaft
Plus J Zro Reactance In Ohms:
3170.00
Plus J Zso Reactance In Ohms:
917.00
Plus J Zrs Reactance In Ohms:
498.00
Shaft Type:

Spline w/threads single shaft

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Alignment Hole Depth:
0.1250 inches
Plus J Zss Reactance In Ohms:
139.00
Transformation Ratio:
0.500 rotor to stator
Alignment Hole Bolt Circle Diameter:
0.8120 inches
Shaft Thread Size:
0.190 inches single shaft
Terminal Type And Quantity:
6 wire lead
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No
Fiig:

A07800