## NSN 5990-00-853-6636

Electrical Resolver - Page 1 of 2



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Body Material:
Steel, stainless
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:
1.6160 inches
Flange Diameter:
Between 1.0610 inches and 1.0620 inches
Flange Thickness:
0.0930 inches
Undercut Diameter:
0.9750 inches
Undercut Width:
0.0500 inches
Shaft Diameter:
0.0900 inches single shaft
Shaft Length:
0.3750 inches single shaft
Body Size:
10
Rotor Input Voltage Rating In Volts:
26.0
Frequency In Hertz:
400.0
Rotor Input Current Rating:
52.0 milliamperes
Rotor Input Electrical Power Rating:
270.0 milliwatts
Zro Resistance In Ohms:
100.00
Zso Resistance In Ohms:
34.50
Rotor Dc Resistance In Ohms:
68.00
Stator Dc Resistance In Ohms:
28.00
Phase Shift Angle In Deg:
8.000 input to output

## **NSN 5990-00-853-6636** Electrical Resolver - Page 2 of 2



Maximum Total Null Voltage Output In Millivolts Per Volt:
26.00
Electrical Error Angular Range In Minutes:
-7.5/+7.5
Pilot Length:
0.0620 inches
Shoulder Length:
0.0620 inches
Mounting Surface To Terminal End Distance:
1.2410 inches
Terminal Location:
Rear
Plus J Zro Reactance In Ohms:
490.00
Shaft Slot Depth:
0.0300 inches single shaft
Plus J Zso Reactance In Ohms:
113.00
Shaft Slot Width:
0.0200 inches single shaft
Shaft Type:
Round, slotted single shaft
Terminal Type And Quantity:
6 screw
Shelf Life:
N/a
Unit Of Measure:
<del>.</del>
Demilitarization:
No
Fiig:
A07800