NSN 5990-00-503-2911



Electrical Resolver - Page 1 of 2 View Online at https://aerobasegroup.com/nsn/5990-00-503-2911 **Body Material:** Steel, stainless **Body Style:** Standard round b **Shoulder Diameter:** Between 1.3115 inches and 1.3120 inches **Pilot Diameter:** Between 0.8745 inches and 0.8750 inches **Overall Length:** 2.4280 inches Flange Diameter: 1.4420 inches Flange Thickness: 0.0930 inches **Undercut Width:** 0.0780 inches **Shaft Diameter:** 0.1245 inches single shaft and 0.1247 inches single shaft **Shaft Length:** 0.5310 inches single shaft **Body Size:** 15 **Stator Input Voltage Rating In Volts:** 16.0 Frequency In Hertz: 400.0 **Zro Resistance In Ohms:** 120.00 **Compensation Method:** Winding compensated **Compensator Transformation Ratio In Percent:** 1.000 rotor to compensator Phase Shift Angle In Deg: Between 3.500 input to output and 5.000 input to output Maximum Total Null Voltage Output In Millivolts Per Volt: 10.00 **Interaxis Error Angular Range In Minutes:** -7.0/+7.0 **Output Voltage Functional Error Range In Percent:**

-0.1/+0.1

Pilot Length:

0.0400 inches

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Shoulder Length:
0.1320 inches
Mounting Surface To Terminal End Distance:
1.6660 inches
Terminal Location:
Rear
Plus J Zro Reactance In Ohms:
60.00
Shaft Slot Depth:
0.0600 inches single shaft
Shaft Slot Width:
0.0400 inches single shaft
Shaft Type:
Round, slotted single shaft
Transformation Ratio:
0.955 rotor to stator
Terminal Type And Quantity:
8 pin
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No
Fiig:
A07800