NSN 5990-00-444-9993

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View Online at https://aerobasegroup.com/nsn/5990-00-444-9993 **Body Material:** Steel, stainless **Body Style:** Standard round a **Pilot Diameter:** Between 0.4995 inches and 0.5000 inches **Overall Length:** Between 1.6980 inches and 1.7240 inches Flange Diameter: Between 0.7490 inches and 0.7500 inches Flange Thickness: 0.0620 inches **Undercut Diameter:** Between 0.6880 inches and 0.6910 inches **Undercut Width:** 0.0620 inches **Shaft Diameter:** 0.0895 inches single shaft and 0.0900 inches single shaft **Shaft Length:** 0.4710 inches single shaft **Body Size:** 8 **Stator Input Voltage Rating In Volts:** 11.8 **Stator Input Current Rating:** 30.0 milliamperes **Stator Input Electrical Power Rating:** 75.0 milliwatts Frequency In Hertz: 400.0 **Zro Resistance In Ohms:** 446.00 **Zso Resistance In Ohms:** 75.00 **Zrs Resistance In Ohms:** 548.00 **Rotor Dc Resistance In Ohms:** 300.00 Stator Dc Resistance In Ohms: 65.00

Phase Shift Angle In Deg: 8.500 input to output

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Maximum Total Null Voltage Output In Millivolts Per Volt:
30.00
Electrical Error Angular Range In Minutes:
-7.0/+7.0
Actuator Friction Torque At Minus 55 Deg Celsius:
6.0 centimeter-grams
Actuator Friction Torque At Plus 25 Deg Celsius:
3.0 centimeter-grams
Pilot Length:
0.0400 inches
Mounting Surface To Terminal End Distance:
1.2400 inches
Terminal Location:
Rear
Plus J Zro Reactance In Ohms:
1887.00
Shaft Slot Depth:
0.0210 inches single shaft and 0.0310 inches single shaft
Plus J Zso Reactance In Ohms:
349.00
Shaft Slot Width:
0.0200 inches single shaft and 0.0300 inches single shaft
Plus J Zrs Reactance In Ohms:
177.00
Shaft Type:
Round, slotted single shaft
Transformation Ratio:
2.550 rotor to stator
Terminal Type And Quantity:
5 wire lead
Shelf Life:
N/a
Unit Of Measure:
.
Demilitarization:
Yes - demil/mli
Fiig:
A07800