NSN 5990-00-901-8709

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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 0.4995 inches and 0.5000 inches	
Overall Length:	
2.2256 inches	
Flange Diameter:	
Between 1.0610 inches and 1.0620 inches	
Flange Thickness:	
Between 0.0880 inches and 0.0980 inches	
Undercut Diameter:	
Between 0.9995 inches and 1.0000 inches	
Undercut Width:	
Between 0.0450 inches and 0.0550 inches	
Shaft Diameter:	
0.1195 inches single shaft and 0.1200 inches single shaft	
Shaft Length:	
0.3590 inches single shaft and 0.3910 inches single shaft	
Schematic Diagram Designator:	
Err-090	
Body Size:	
11	
Stator Input Voltage Rating In Volts:	
11.8	
Stator Input Current Rating:	
18.2 milliamperes	
Stator Input Electrical Power Rating:	
30.0 milliwatts	
Frequency In Hertz:	
400.0	
Zro Resistance In Ohms:	
650.00	
Zso Resistance In Ohms:	
90.00	
Zrs Resistance In Ohms:	
605.00	
Rotor Dc Resistance In Ohms:	

365.00

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Stator Dc Resistance In Ohms: 59.00 Phase Shift Angle In Deg: 4.000 input to output Maximum Fundamental Null Voltage In Millivolts Per Volt: 30.00 output **Electrical Error Angular Range In Minutes:** -7.0/+7.0 **Actuator Friction Torque At Plus 25 Deg Celsius:** 3.0 centimeter-grams **Alignment Hole Quantity: Shaft Maximum Radial Play:** 0.0005 inches **Shaft End Play:** Between 0.0003 inches and 0.0008 inches **Pilot Length:** 0.0590 mils and 0.0650 centimeters **Shoulder Length:** 0.0590 mils and 0.0650 centimeters **Mounting Surface To Terminal End Distance:** 1.8350 inches **Shaft Maximum Runout:** 0.0010 inches **Terminal Location:** Rear Plus J Zro Reactance In Ohms: 3000.00 **Shaft Slot Depth:** 0.0220 inches single shaft and 0.0320 inches single shaft Plus J Zso Reactance In Ohms: 550.00 **Shaft Slot Width:** 0.0220 inches single shaft and 0.0320 inches single shaft Plus J Zrs Reactance In Ohms: 295.00 **Shaft Type:** Round, slotted single shaft **Alignment Hole Depth:**

4.0 ounces

0.0700 inches

Alignment Hole Bolt Circle Diameter:
Between 0.8090 inches and 0.8150 inches
Shaft Radial Play Determining Weight:

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Terminal Type And Quantity:
5 screw
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No
Fiig:

A07800