## NSN 5990-00-010-1413

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View Online at https://aerobasegroup.com/nsn/5990-00-010-1413

**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:** Between 1.9800 inches and 2.0100 inches Flange Diameter: Between 1.0590 inches and 1.0620 inches Flange Thickness: Between 0.0900 inches and 0.0960 inches **Undercut Diameter:** 0.9750 inches **Undercut Width:** 0.0500 inches **Shaft Diameter:** 0.0800 inches single shaft and 0.0810 inches single shaft **Shaft Length:** 0.3600 inches single shaft and 0.3900 inches single shaft **Shaft Undercut Width:** 0.0300 inches single shaft **Fragility Factor:** Moderately rugged **Body Size:** 11 **Rotor Input Voltage Rating In Volts:** 26.0 Frequency In Hertz: **Rotor Input Current Rating:** 120.0 milliamperes **Rotor Input Electrical Power Rating:** 600.0 milliwatts **Zro Resistance In Ohms:** 44.00 **Zso Resistance In Ohms:** 57.00 **Rotor Dc Resistance In Ohms:** 

18.00

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## Stator Dc Resistance In Ohms: 9.30 Phase Shift Angle In Deg: 4.000 input to output Maximum Total Null Voltage Output In Millivolts Per Volt: 25.00 **Electrical Error Angular Range In Minutes:** -15.0/+15.0 **Actuator Friction Torque At Minus 55 Deg Celsius:** 1.8 centimeter-grams **Actuator Friction Torque At Plus 25 Deg Celsius:** 0.6 centimeter-grams **Torque Gradient Per Angular Deg:** 2000.0 millimeter-milligrams **Alignment Hole Quantity:** Pilot Length: Between 0.0590 inches and 0.0650 inches **Shoulder Length:** Between 0.0590 inches and 0.0650 inches **Mounting Surface To Terminal End Distance:** 1.6200 inches **Shaft Thread Series Designator:** Unf single shaft **Shaft Thread Direction:** Right-hand single shaft **Shaft Thread Class:** 3a single shaft **Terminal Location:** Rear Plus J Zro Reactance In Ohms: 243.00 Plus J Zso Reactance In Ohms: 28.00 **Shaft Tapered End Minor Diameter:** 0.0780 inches single shaft Shaft Type: Round, tapered, threaded, undercut single shaft **Alignment Hole Depth:** 0.0900 inches **Transformation Ratio:** 0.454 rotor to stator

3.0 single shaft

Shaft Taper Angle In Deg:

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Shaft Tip Length:
0.0650 inches single shaft
Alignment Hole Bolt Circle Diameter:
Between 0.8090 inches and 0.8150 inches
Shaft Taper Length:
0.1370 inches single shaft
Shaft Thread Size:
0.060 inches single shaft
Shaft Undercut Diameter:
$0.0440 \ \text{inches} \ \ \text{single} \ \ \text{shaft} \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$
Terminal Type And Quantity:
5 wire lead
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:

No Fiig: A07800