NSN 5990-00-462-9112

Body Material:Steel, stainless

Differential Transmitter Synchro - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5990-00-462-9112

| Body Style: |
|---|
| Standard round a |
| Pilot Diameter: |
| Between 0.4995 inches and 0.5000 inches |
| Overall Length: |
| Between 1.7260 inches and 1.7560 inches |
| Flange Diameter: |
| Between 0.7470 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: |
| 0.4850 inches single shaft and 0.5150 inches single shaft |
| Body Size: |
| 8 |
| |
| Stator Input Voltage Rating In Volts: |
| Stator Input Voltage Rating In Volts: 11.8 |
| |
| 11.8 |
| 11.8 Stator Input Current Rating: |
| 11.8 Stator Input Current Rating: 30.0 milliamperes |
| 11.8 Stator Input Current Rating: 30.0 milliamperes Stator Input Electrical Power Rating: |
| 11.8 Stator Input Current Rating: 30.0 milliamperes Stator Input Electrical Power Rating: Between 58.4 milliwatts and 87.6 milliwatts |
| 11.8 Stator Input Current Rating: 30.0 milliamperes Stator Input Electrical Power Rating: Between 58.4 milliwatts and 87.6 milliwatts Frequency In Hertz: |
| 11.8 Stator Input Current Rating: 30.0 milliamperes Stator Input Electrical Power Rating: Between 58.4 milliwatts and 87.6 milliwatts Frequency In Hertz: 400.0 |
| Stator Input Current Rating: 30.0 milliamperes Stator Input Electrical Power Rating: Between 58.4 milliwatts and 87.6 milliwatts Frequency In Hertz: 400.0 Zro Resistance In Ohms: |
| Stator Input Current Rating: 30.0 milliamperes Stator Input Electrical Power Rating: Between 58.4 milliwatts and 87.6 milliwatts Frequency In Hertz: 400.0 Zro Resistance In Ohms: Between 93.00 and 125.00 |
| Stator Input Current Rating: 30.0 milliamperes Stator Input Electrical Power Rating: Between 58.4 milliwatts and 87.6 milliwatts Frequency In Hertz: 400.0 Zro Resistance In Ohms: Between 93.00 and 125.00 Zso Resistance In Ohms: |
| Stator Input Current Rating: 30.0 milliamperes Stator Input Electrical Power Rating: Between 58.4 milliwatts and 87.6 milliwatts Frequency In Hertz: 400.0 Zro Resistance In Ohms: Between 93.00 and 125.00 Zso Resistance In Ohms: Between 68.00 and 94.00 |
| Stator Input Current Rating: 30.0 milliamperes Stator Input Electrical Power Rating: Between 58.4 milliwatts and 87.6 milliwatts Frequency In Hertz: 400.0 Zro Resistance In Ohms: Between 93.00 and 125.00 Zso Resistance In Ohms: Between 68.00 and 94.00 Zrs Resistance In Ohms: |
| Stator Input Current Rating: 30.0 milliamperes Stator Input Electrical Power Rating: Between 58.4 milliwatts and 87.6 milliwatts Frequency In Hertz: 400.0 Zro Resistance In Ohms: Between 93.00 and 125.00 Zso Resistance In Ohms: Between 68.00 and 94.00 Zrs Resistance In Ohms: Between 102.00 and 138.00 |
| Stator Input Current Rating: 30.0 milliamperes Stator Input Electrical Power Rating: Between 58.4 milliwatts and 87.6 milliwatts Frequency In Hertz: 400.0 Zro Resistance In Ohms: Between 93.00 and 125.00 Zso Resistance In Ohms: Between 68.00 and 94.00 Zrs Resistance In Ohms: Between 102.00 and 138.00 Rotor Dc Resistance In Ohms: |
| Stator Input Current Rating: 30.0 milliamperes Stator Input Electrical Power Rating: Between 58.4 milliwatts and 87.6 milliwatts Frequency In Hertz: 400.0 Zro Resistance In Ohms: Between 93.00 and 125.00 Zso Resistance In Ohms: Between 68.00 and 94.00 Zrs Resistance In Ohms: Between 102.00 and 138.00 Rotor Dc Resistance In Ohms: Between 83.30 and 112.70 |
| Stator Input Current Rating: 30.0 milliamperes Stator Input Electrical Power Rating: Between 58.4 milliwatts and 87.6 milliwatts Frequency In Hertz: 400.0 Zro Resistance In Ohms: Between 93.00 and 125.00 Zso Resistance In Ohms: Between 68.00 and 94.00 Zrs Resistance In Ohms: Between 102.00 and 138.00 Rotor Dc Resistance In Ohms: Between 83.30 and 112.70 Stator Dc Resistance In Ohms: |

8.500 input to output

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Maximum Fundamental Null Voltage In Millivolts Per Volt: 20.00 output Maximum Total Null Voltage Output In Millivolts Per Volt: **Electrical Error Angular Range In Minutes:** -5.0/+5.0 **Actuator Friction Torque At Minus 55 Deg Celsius:** 16.0 centimeter-grams **Actuator Friction Torque At Plus 25 Deg Celsius:** 4.0 centimeter-grams Pilot Length: 0.0400 inches **Mounting Surface To Terminal End Distance:** 1.2410 inches **Terminal Location:** Rear Plus J Zro Reactance In Ohms: Between 325.00 and 399.00 **Shaft Slot Depth:** 0.0300 inches single shaft Plus J Zso Reactance In Ohms: Between 297.00 and 363.00 **Shaft Slot Width:** 0.0250 inches single shaft Plus J Zrs Reactance In Ohms: Between 34.00 and 46.00 **Shaft Type:** Round, slotted single shaft **Terminal Type And Quantity:** 5 wire lead Shelf Life: N/a **Unit Of Measure: Demilitarization:** Yes - demil/mli Fiig: A07800