

View Online at https://aerobasegroup.com/nsn/5990-00-101-8318

| view Online at https://aerobasegroup.com/hsi//3990-00-101-0318 |
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| Body Material: |
| Steel, corrosion resisting |
| Body Style: |
| Standard round a |
| Pilot Diameter: |
| Between 0.4995 inches and 0.5000 inches |
| Overall Length: |
| Between 1.6430 inches and 1.6680 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: |
| 0.4030 inches single shaft and 0.4280 inches single shaft |
| Body Size: |
| 8 |
| Stator Input Voltage Rating In Volts: |
| 11.8 |
| Stator Input Current Rating: |
| 108.0 milliamperes |
| Stator Input Electrical Power Rating: |
| 240.0 milliwatts |
| Frequency In Hertz: |
| 400.0 |
| Zso Impedance Magnitude In Ohms: |
| 107.50 |
| Zso Impedance Angle In Deg: |
| 76.50 |
| Zrs Impedance Magnitude In Ohms: |
| 41.50 |
| Zrs Impedance Angle In Deg: |
| 17.50 |
| Phase Shift Angle In Deg: |
| Between 8.000 input to output and 11.000 input to output |
| Maximum Fundamental Null Voltage In Millivolts Per Volt: |
| 20.00 output |



| Maximum Total Null Voltage Output In Millivolts Per Volt: |
|---|
| 30.00 |
| Electrical Error Angular Range In Minutes: |
| -5.0 to 5.0 |
| Actuator Friction Torque At Minus 55 Deg Celsius: |
| 4.03 centimeter-grams |
| Actuator Friction Torque At Plus 25 Deg Celsius: |
| 2.88 centimeter-grams |
| Pilot Length: |
| Between 0.0380 inches and 0.0430 inches |
| Mounting Surface To Terminal End Distance: |
| 1.2400 inches |
| Terminal Location: |
| Rear |
| Shaft Slot Depth: |
| 0.0150 inches single shaft and 0.0250 inches single shaft |
| Shaft Slot Width: |
| 0.0200 inches single shaft and 0.0300 inches single shaft |
| Shaft Type: |
| Round, slotted single shaft |
| Transformation Ratio: |
| Between 1.131 rotor to stator and 1.177 rotor to stator |
| Terminal Type And Quantity: |
| 6 wire lead |
| Shelf Life: |
| N/a |
| Unit Of Measure: |
| |
| Demilitarization: |
| No |
| Fiig: |
| A07800 |
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