

View Online at <https://aerobasegroup.com/nsn/5990-00-226-7894>

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 2.3170 inches and 2.3410 inches

Flange Diameter:

Between 1.0570 inches and 1.0650 inches

Flange Thickness:

Between 0.0900 inches and 0.0960 inches

Undercut Diameter:

Between 0.9700 inches and 0.9800 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:

0.5550 inches single shaft and 0.5730 inches single shaft

Maximum Temperature Rise:

8.0 degrees celsius

Body Size:

11

Stator Input Voltage Rating In Volts:

90.0

Stator Input Current Rating:

60.0 milliamperes

Stator Input Electrical Power Rating:

600.0 milliwatts

Frequency In Hertz:

400.0

Zro Impedance Magnitude In Ohms:

1990.00

Zro Impedance Angle In Deg:

77.30

Zso Impedance Magnitude In Ohms:

1640.00

Zso Impedance Angle In Deg:

80.70

Rotor Dc Resistance In Ohms:

Between 327.25 and 442.75

Stator Dc Resistance In Ohms:

Between 165.75 and 224.25

Phase Shift Angle In Deg:

4.700 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

59.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

94.00

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:

Between 0.0590 inches and 0.0650 inches

Shoulder Length:

Between 0.0590 inches and 0.0650 inches

Mounting Surface To Terminal End Distance:

Between 1.7620 inches and 1.7680 inches

Terminal Location:

Rear

Shaft Slot Depth:

0.0300 inches single shaft

Shaft Slot Width:

0.0250 inches single shaft

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

Between 1.108 rotor to stator and 1.200 rotor to stator

Terminal Type And Quantity:

6 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800