

View Online at <https://aerobasegroup.com/nsn/5990-00-009-3291>

Body Material:

Steel, stainless

Body Style:

Standard round a

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

1.6590 inches

Flange Diameter:

Between 0.7490 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:

0.3600 inches single shaft and 0.3900 inches single shaft

Fragility Factor:

Moderately rugged

Body Size:

8

Stator Input Voltage Rating In Volts:

11.8

Stator Input Current Rating:

33.0 milliamperes

Stator Input Electrical Power Rating:

88.0 milliwatts

Frequency In Hertz:

400.0

Zro Impedance Magnitude In Ohms:

Between 408.00 and 552.00

Zro Impedance Angle In Deg:

Between 1620.00 and 1980.00

Zso Impedance Magnitude In Ohms:

Between 69.70 and 9430.00

Zso Impedance Angle In Deg:

Between 297.00 and 363.00

Zrs Impedance Magnitude In Ohms:

Between 501.00 and 678.50

Zrs Impedance Angle In Deg:

Between 161.00 and 218.00

Rotor Dc Resistance In Ohms:

Between 328.00 and 402.00

Stator Dc Resistance In Ohms:

Between 54.00 and 66.00

Phase Shift Angle In Deg:

8.500 input to output

Maximum Total Null Voltage Output In Millivolts Per Volt:

30.00

Electrical Error Angular Range In Minutes:

-7.0/+7.0

Actuator Friction Torque At Minus 55 Deg Celsius:

12.00 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

4.00 centimeter-grams

Pilot Length:

0.0430 inches

Mounting Surface To Terminal End Distance:

1.2410 inches

Terminal Location:

Rear

Shaft Slot Depth:

0.0250 inches single shaft

Shaft Slot Width:

0.0200 inches single shaft

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

2.203 rotor to stator

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800