

View Online at <https://aerobasegroup.com/nsn/5990-00-169-7689>

Body Material:

Aluminum and steel, corrosion resisting

Body Style:

Standard round a

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

2.2030 inches

Flange Diameter:

Between 0.7470 inches and 0.7500 inches

Flange Thickness:

Between 0.0590 inches and 0.0650 inches

Undercut Diameter:

Between 0.6880 inches and 0.6910 inches

Undercut Width:

Between 0.0590 inches and 0.0650 inches

Shaft Diameter:

0.0895 inches single shaft and 0.0900 inches single shaft

Shaft Length:

0.6100 inches single shaft and 0.6400 inches single shaft

Maximum Temperature Rise:

12.0 degrees celsius

Body Size:

8

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

100.0 milliamperes

Rotor Input Electrical Power Rating:

540.0 milliwatts

Zro Resistance In Ohms:

54.00

Zso Resistance In Ohms:

12.00

Rotor Dc Resistance In Ohms:

37.00

Stator Dc Resistance In Ohms:

12.00

Phase Shift Angle In Deg:

9.500 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

20.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

20.00

Electrical Error Angular Range In Minutes:

-5.0/+5.0

Actuator Friction Torque At Minus 55 Deg Celsius:

9.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

3.0 centimeter-grams

Pilot Length:

Between 0.0370 inches and 0.0430 inches

Mounting Surface To Terminal End Distance:

1.3680 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

260.00

Shaft Slot Depth:

0.0250 inches single shaft and 0.0350 inches single shaft

Plus J Zso Reactance In Ohms:

45.00

Shaft Slot Width:

0.0200 inches single shaft and 0.0300 inches single shaft

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

0.454 rotor to stator

Terminal Type And Quantity:

5 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800