

View Online at <https://aerobasegroup.com/nsn/5990-00-942-6537>

Body Material:

Steel, stainless

Body Style:

Standard round a

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

Between 2.5700 inches and 2.6300 inches

Flange Diameter:

Between 0.7470 inches and 0.7530 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

Between 0.6880 inches and 0.6910 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.1872 inches single shaft

Shaft Length:

0.5400 inches single shaft

Body Size:

8

Stator Input Voltage Rating In Volts:

11.8

Stator Input Current Rating:

9.0 amperes

Stator Input Electrical Power Rating:

17.0 watts

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

1300.00

Zso Resistance In Ohms:

250.00

Zrs Resistance In Ohms:

1550.00

Rotor Dc Resistance In Ohms:

81.000

Stator Dc Resistance In Ohms:

326.00

Phase Shift Angle In Deg:

7.500 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

26.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

30.00

Electrical Error Angular Range In Minutes:

-4.0/+4.0

Actuator Friction Torque At Minus 55 Deg Celsius:

6.00 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

3.00 centimeter-grams

Pilot Length:

Between 0.0380 inches and 0.0430 inches

Mounting Surface To Terminal End Distance:

1.2400 inches

Shaft Thread Series Designator:

Unf single shaft

Shaft Thread Direction:

Right-hand single shaft

Shaft Thread Class:

2a

Terminal Location:

Side

Shaft Thread Length:

0.3500 inches single shaft

Plus J Zro Reactance In Ohms:

6900.00

Plus J Zso Reactance In Ohms:

1230.00

Plus J Zrs Reactance In Ohms:

750.00

Shaft Type:

Round, threaded single shaft

Transformation Ratio:

2.203 rotor to stator

Shaft Thread Size:

0.250 inches single shaft

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800