

View Online at <https://aerobasegroup.com/nsn/5990-01-080-0097>

Body Material:

Steel, corrosion resisting

Shoulder Diameter:

1.9900 inches

Pilot Diameter:

1.9000 inches

Overall Length:

4.8110 inches

Flange Diameter:

1.9995 inches

Flange Thickness:

0.2500 inches

Undercut Width:

0.1200 inches

Shaft Diameter:

0.2407 inches single shaft

Shaft Length:

0.7190 inches single shaft

Body Size:

20

Rotor Input Voltage Rating In Volts:

115.0

Frequency In Hertz:

60.0

Rotor Input Current Rating:

40.0 milliamperes

Rotor Input Electrical Power Rating:

950.0 milliwatts

Zro Resistance In Ohms:

605.00

Zso Resistance In Ohms:

245.00

Zrs Resistance In Ohms:

2045.00

Rotor Dc Resistance In Ohms:

350.00

Stator Dc Resistance In Ohms:

250.00

Phase Shift Angle In Deg:

16.600 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

30.00 input

Maximum Total Null Voltage Output In Millivolts Per Volt:

85.00

Electrical Error Angular Range In Minutes:

-7.0/+7.0

Actuator Friction Torque At Minus 55 Deg Celsius:

15.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

6.0 centimeter-grams

Pilot Length:

0.2100 inches

Shoulder Length:

0.2100 inches

Mounting Surface To Terminal End Distance:

4.0920 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

1085.00

Plus J Zso Reactance In Ohms:

1085.00

Plus J Zrs Reactance In Ohms:

985.00

Shaft Type:

Round single shaft

Transformation Ratio:

0.685 rotor to stator

Terminal Type And Quantity:

5 screw

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800