

View Online at <https://aerobasegroup.com/nsn/5990-01-040-1320>

Body Material:

Aluminum alloy

Body Style:

Standard round d

Shoulder Diameter:

2.7000 inches

Pilot Diameter:

0.8750 inches

Second Shoulder Diameter:

2.7500 inches

Second Shoulder Length:

0.2500 inches

Overall Length:

5.2000 inches

Flange Diameter:

3.1000 inches

Flange Thickness:

0.2500 inches

Body Diameter:

2.7500 inches

Shaft Diameter:

0.1800 inches single shaft

Shaft Length:

0.7000 inches single shaft

Rotor Input Voltage Rating In Volts:

115.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

462.0 milliamperes

Rotor Input Electrical Power Rating:

17.0 milliwatts

Zro Resistance In Ohms:

170.00

Zso Resistance In Ohms:

106.00

Zrs Resistance In Ohms:

225.00

Rotor Dc Resistance In Ohms:

99.00

Stator Dc Resistance In Ohms:

92.00

Phase Shift Angle In Deg:

6.500 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

35.00 input

Maximum Total Null Voltage Output In Millivolts Per Volt:

75.00

Electrical Error Angular Range In Minutes:

-7.0/+7.0

Actuator Friction Torque At Minus 55 Deg Celsius:

16.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

6.0 centimeter-grams

Pilot Length:

0.0300 inches

Shoulder Length:

0.3750 inches

Aft Of First Flange Diameter:

2.7000 inches

Mounting Surface To Terminal End Distance:

4.5000 inches

Shaft Thread Series Designator:

Unf single shaft

Shaft Thread Direction:

Right-hand single shaft

Shaft Thread Class:

2a single shaft

Terminal Location:

Rear

Shaft Thread Length:

0.3500 inches single shaft

Plus J Zro Reactance In Ohms:

1480.00

Plus J Zso Reactance In Ohms:

744.00

Plus J Zrs Reactance In Ohms:

121.00

Shaft Type:

Round, threaded single shaft

Transformation Ratio:

0.783 rotor to stator

Shaft Thread Size:

0.250 inches single shaft

Terminal Type And Quantity:

5 screw

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800