

View Online at <https://aerobasegroup.com/nsn/5990-00-942-4041>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round d

Shoulder Diameter:

1.9900 inches

Pilot Diameter:

0.6000 inches

Second Shoulder Diameter:

1.9995 inches

Second Shoulder Length:

0.2100 inches

Overall Length:

4.2940 inches

Flange Diameter:

2.2500 inches

Flange Thickness:

0.4220 inches

Body Diameter:

1.9990 inches

Shaft Diameter:

0.2405 inches single shaft

Shaft Length:

0.7190 inches single shaft

Fragility Factor:

Moderately rugged

Body Size:

23

Rotor Input Voltage Rating In Volts:

115.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

230.0 milliamperes

Rotor Input Electrical Power Rating:

6.0 milliwatts

Zro Resistance In Ohms:

14.90

Zso Resistance In Ohms:

4.00

Zrs Resistance In Ohms:

10.40

Rotor Dc Resistance In Ohms:

93.00

Stator Dc Resistance In Ohms:

106.00

Phase Shift Angle In Deg:

11.000 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

30.00 input

Maximum Total Null Voltage Output In Millivolts Per Volt:

70.00

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:

0.0460 inches

Shoulder Length:

0.2100 inches

Aft Of First Flange Diameter:

1.9995 inches

Mounting Surface To Terminal End Distance:

4.2221 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:

0.3870 inches single shaft

Plus J Zro Reactance In Ohms:

106.00

Plus J Zso Reactance In Ohms:

17.50

Plus J Zrs Reactance In Ohms:

3.70

Shaft Type:

Round, threaded single shaft

Transformation Ratio:

0.585 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