

View Online at <https://aerobasegroup.com/nsn/5990-00-033-7855>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round d

Shoulder Diameter:

Between 1.9850 inches and 1.9900 inches

Pilot Diameter:

Between 0.5900 inches and 0.6000 inches

Second Shoulder Diameter:

Between 1.9985 inches and 1.9995 inches

Second Shoulder Length:

0.1700 inches

Overall Length:

4.9430 inches

Flange Diameter:

Between 2.2490 inches and 2.2500 inches

Flange Thickness:

Between 0.2480 inches and 0.2500 inches

Body Diameter:

1.9900 centimeters

Shaft Diameter:

0.2395 inches single shaft and 0.2405 inches single shaft

Shaft Length:

1.0780 inches single shaft

Body Size:

23

Rotor Input Voltage Rating In Volts:

5.0

Frequency In Hertz:

20.0

Rotor Input Current Rating:

2.0 milliamperes

Zro Resistance In Ohms:

580.00

Zso Resistance In Ohms:

370.00

Zrs Resistance In Ohms:

140.00

Rotor Dc Resistance In Ohms:

415.00

Stator Dc Resistance In Ohms:

225.00

Phase Shift Angle In Deg:

9.000 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

30.00 input

Maximum Total Null Voltage Output In Millivolts Per Volt:

60.00

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

Shaft Maximum Radial Play:

0.0010 inches

Shaft End Play:

0.0050 inches

Pilot Length:

0.0460 inches

Shoulder Length:

0.4120 mils and 0.4220 centimeters

Aft Of First Flange Diameter:

Between 1.9985 inches and 1.9995 inches

Mounting Surface To Terminal End Distance:

3.4450 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

1630.00

Plus J Zso Reactance In Ohms:

1400.00

Plus J Zrs Reactance In Ohms:

350.00

Shaft Type:

Round single shaft

Transformation Ratio:

0.485 rotor to stator

Shaft Radial Play Determining Weight:

8.0 ounces

Shaft End Play Determining Weight:

16.0 ounces

Terminal Type And Quantity:

7 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800