

View Online at <https://aerobasegroup.com/nsn/5990-01-031-4130>

Body Material:

Aluminum alloy

Body Style:

Standard round a

Pilot Diameter:

0.5000 inches

Overall Length:

1.6590 inches

Flange Diameter:

0.7500 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

0.6910 inches

Undercut Width:

0.0570 inches

Shaft Diameter:

0.0900 inches single shaft

Shaft Length:

0.3750 inches single shaft

Maximum Temperature Rise:

5.0 degrees celsius

Body Size:

8

Rotor Input Voltage Rating In Volts:

11.8

Frequency In Hertz:

800.0

Rotor Input Current Rating:

43.0 milliamperes

Rotor Input Electrical Power Rating:

120.0 milliwatts

Zro Resistance In Ohms:

72.00

Zso Resistance In Ohms:

82.00

Zss Resistance In Ohms:

101.00

Rotor Dc Resistance In Ohms:

61.00

Stator Dc Resistance In Ohms:

49.50

Maximum Fundamental Null Voltage In Millivolts Per Volt:

60.00 output

Interaxis Error Angular Range In Minutes:

-30.0/+30.0

Actuator Friction Torque At Minus 55 Deg Celsius:

9.00 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

3.00 centimeter-grams

Pilot Length:

0.0430 inches

Mounting Surface To Terminal End Distance:

1.2410 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

270.00

Shaft Slot Depth:

0.0350 inches single shaft

Plus J Zso Reactance In Ohms:

342.00

Shaft Slot Width:

0.0300 inches single shaft

Plus J Zrs Reactance In Ohms:

27.00

Shaft Type:

Round, slotted single shaft

Plus J Zss Reactance In Ohms:

37.00

Transformation Ratio:

1.022 stator to rotor

Terminal Type And Quantity:

7 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800