

View Online at <https://aerobasegroup.com/nsn/5990-01-011-8022>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round, rotatable stator c

Shoulder Diameter:

1.0000 inches

Pilot Diameter:

0.6250 inches

Overall Length:

3.6500 inches

Flange Diameter:

1.0750 inches

Flange Thickness:

0.0960 inches

Undercut Diameter:

0.9800 inches

Undercut Width:

0.0750 inches

Shaft Diameter:

0.1247 inches single shaft and 0.1249 inches single shaft

Shaft Length:

0.5950 inches single shaft and 0.6150 inches single shaft

Fragility Factor:

Moderately rugged

Maximum Temperature Rise:

10.0 degrees celsius

Body Size:

11

Stator Input Voltage Rating In Volts:

15.0

Stator Input Current Rating:

30.0 milliamperes

Frequency In Hertz:

400.0

Compensation Method:

Winding compensated

Phase Shift Angle In Deg:

0.150 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

20.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

25.00

Interaxis Error Angular Range In Minutes:

-3.0/+3.0

Output Voltage Functional Error Range In Percent:

-0.1/+0.1

Actuator Friction Torque At Plus 25 Deg Celsius:

0.10 inch-ounces

Alignment Hole Quantity:

4

Pilot Length:

0.0650 inches

Shoulder Length:

0.0650 inches

Mounting Surface To Terminal End Distance:

3.1000 inches

Terminal Location:

Rear

Shaft Slot Depth:

0.0200 inches single shaft and 0.0400 inches single shaft

Shaft Slot Width:

0.0150 inches single shaft and 0.0350 inches single shaft

Shaft Type:

Round, slotted single shaft

Alignment Hole Depth:

0.1250 inches

Transformation Ratio:

1.0000 rotor to stator

Alignment Hole Bolt Circle Diameter:

0.8120 inches

Special Features:

1 spur gear with 83 teeth and diametral pitch of 80

Terminal Type And Quantity:

12 screw

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800