

View Online at <https://aerobasegroup.com/nsn/5990-00-553-6307>

Body Material:

Steel, stainless

Body Style:

Standard round c

Shoulder Diameter:

Between 1.3115 inches and 1.3120 inches

Pilot Diameter:

Between 0.8745 inches and 0.8750 inches

Overall Length:

Between 2.5900 inches and 2.6500 inches

Flange Diameter:

1.4370 inches

Flange Thickness:

0.0930 inches

Undercut Diameter:

1.3170 inches

Undercut Width:

0.0730 inches

Shaft Diameter:

0.1870 inches single shaft and 0.1873 inches single shaft

Shaft Length:

0.5400 inches single shaft and 0.6000 inches single shaft

Fragility Factor:

Moderately rugged

Maximum Temperature Rise:

2.0 degrees celsius

Body Size:

15

Rotor Input Voltage Rating In Volts:

55.0

Frequency In Hertz:

1600.0

Rotor Input Current Rating:

7.0 milliamperes

Rotor Input Electrical Power Rating:

700.0 milliwatts

Zso Resistance In Ohms:

1825.00

Zrs Resistance In Ohms:

1000.00

Phase Shift Angle In Deg:

1.200 input to output

Maximum Total Null Voltage Output In Millivolts Per Volt:

70.00

Output Voltage Functional Error Range In Percent:

-0.1/+0.1

Actuator Friction Torque At Minus 55 Deg Celsius:

60.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

30.0 centimeter-grams

Alignment Hole Quantity:

4

Pilot Length:

0.0400 inches

Shoulder Length:

0.1320 inches

Mounting Surface To Terminal End Distance:

2.0500 inches

Terminal Location:

Rear

Plus J Zso Reactance In Ohms:

8600.00

Plus J Zrs Reactance In Ohms:

2000.00

Shaft Type:

Round single shaft

Alignment Hole Depth:

0.1250 inches

Transformation Ratio:

0.930 stator to rotor

Alignment Hole Bolt Circle Diameter:

1.1000 inches

Terminal Type And Quantity:

8 screw

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800