

View Online at <https://aerobasegroup.com/nsn/5990-00-842-6736>

Body Style:

Standard round b

Shoulder Diameter:

Between 0.9995 inches and 1.0000 inches

Pilot Diameter:

Between 0.6245 inches and 0.6250 inches

Overall Length:

2.3820 inches

Flange Diameter:

Between 1.0590 inches and 1.0620 inches

Flange Thickness:

0.0930 inches

Undercut Width:

0.0500 inches

Shaft Diameter:

0.1198 inches single shaft and 0.1200 inches single shaft

Shaft Length:

0.5850 inches single shaft and 0.6150 inches single shaft

Maximum Temperature Rise:

12.0 degrees celsius

Body Size:

11

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

302.0 milliamperes

Rotor Input Electrical Power Rating:

1.3 watts

Zro Resistance In Ohms:

Between 13.20 and 19.80

Zso Resistance In Ohms:

Between 2.96 and 4.44

Zrs Resistance In Ohms:

Between 16.80 and 25.20

Maximum Fundamental Null Voltage In Millivolts Per Volt:

20.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

30.00

Electrical Error Angular Range In Minutes:

-5.0/+5.0

Actuator Friction Torque At Minus 55 Deg Celsius:

16.00 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

4.00 centimeter-grams

Shaft Maximum Radial Play:

0.0005 inches

Shaft End Play:

Between 0.0005 inches and 0.0015 inches

Pilot Length:

Between 0.0590 inches and 0.0650 inches

Mounting Surface To Terminal End Distance:

1.7060 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

Between 85.00 and 115.00

Plus J Zso Reactance In Ohms:

Between 15.30 and 20.70

Plus J Zrs Reactance In Ohms:

Between 6.80 and 9.20

Shaft Type:

Round single shaft

Transformation Ratio:

0.454 rotor to stator

Shaft Radial Play Determining Weight:

4.0 ounces

Shaft End Play Determining Weight:

16.0 ounces

Terminal Type And Quantity:

5 tab w/screw

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800