

View Online at <https://aerobasegroup.com/nsn/5990-01-021-7303>

Body Material:

Steel, stainless

Body Style:

Standard round c

Shoulder Diameter:

Between 0.9995 inches and 1.0000 inches

Pilot Diameter:

Between 0.6245 inches and 0.6250 inches

Overall Length:

2.6740 inches

Flange Diameter:

Between 1.0570 inches and 1.0650 inches

Flange Thickness:

Between 0.0900 inches and 0.0960 inches

Undercut Diameter:

Between 0.9700 inches and 0.9800 inches

Undercut Width:

Between 0.0450 inches and 0.0550 inches

Shaft Diameter:

0.1195 inches single shaft and 0.1200 inches single shaft

Shaft Length:

0.6540 inches single shaft and 0.6780 inches single shaft

Body Size:

11

Stator Input Voltage Rating In Volts:

10.0

Stator Input Current Rating:

4.0 milliamperes

Stator Input Electrical Power Rating:

10.0 milliwatts

Frequency In Hertz:

400.0

Zso Resistance In Ohms:

380.00

Zrs Resistance In Ohms:

610.00

Rotor Dc Resistance In Ohms:

330.00

Stator Dc Resistance In Ohms:

305.00

Compensation Method:

Winding compensated

Compensator Dc Resistance In Ohms:

350.00

Compensator Transformation Ratio In Percent:

0.990 rotor to compensator

Phase Shift Angle In Deg:

9.000 output to input

Maximum Fundamental Null Voltage In Millivolts Per Volt:

10.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

10.00

Output Voltage Functional Error Range In Percent:

-0.1/+0.1

Actuator Friction Torque At Minus 55 Deg Celsius:

16.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

4.0 centimeter-grams

Alignment Hole Quantity:

4

Shaft Radial Play Test Point:

0.125 inches

Shaft Maximum Radial Play:

0.0005 inches

Shaft End Play:

Between 0.0005 inches and 0.0015 inches

Pilot Length:

0.0590 mils and 0.0650 centimeters

Shoulder Length:

0.0590 mils and 0.0650 centimeters

Mounting Surface To Terminal End Distance:

2.0650 inches

Shaft Maximum Runout:

0.0010 inches

Terminal Location:

Side

Plus J Zso Reactance In Ohms:

2200.00

Plus J Zrs Reactance In Ohms:

250.00

Shaft Type:

Round single shaft

Alignment Hole Depth:

0.1250 inches

Transformation Ratio:

0.980 rotor to stator

Alignment Hole Bolt Circle Diameter:

Between 0.8090 inches and 0.8150 inches

Shaft Radial Play Determining Weight:

4.0 ounces

Shaft End Play Determining Weight:

16.0 ounces

Terminal Type And Quantity:

8 wire lead

Specification Data:

19200-11743669 manufacturers specification control

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

A07800