

View Online at <https://aerobasegroup.com/nsn/5990-01-206-7881>

Body Material:

Any acceptable

Body Style:

Standard round a

Pilot Diameter:

0.6250 inches

Overall Length:

2.2380 inches

Flange Diameter:

1.0620 inches

Flange Thickness:

0.0930 inches

Undercut Diameter:

Between 0.9995 inches and 1.0000 inches

Undercut Width:

0.0500 inches

Shaft Diameter:

0.1195 inches single shaft and 0.1200 inches single shaft

Stator Input Voltage Rating In Volts:

10.2

Stator Input Current Rating:

165.0 milliamperes

Stator Input Electrical Power Rating:

0.25 watts

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

418.00

Zso Resistance In Ohms:

74.30

Zrs Resistance In Ohms:

104.00

Rotor Dc Resistance In Ohms:

Between 40.00 and 62.10

Stator Dc Resistance In Ohms:

1.50

Maximum Fundamental Null Voltage In Millivolts Per Volt:

30.00 output

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 Radial Play Test Point:

0.125 inches

Shaft Maximum Radial Play:

0.0008 inches

Shaft End Play:

Between 0.0005 inches and 0.0015 inches

Pilot Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

1.8000 inches

Shaft Maximum Runout:

0.0010 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

78.30

Shaft Slot Depth:

0.0300 inches single shaft

Plus J Zso Reactance In Ohms:

79.70

Shaft Slot Width:

0.0250 inches single shaft

Plus J Zrs Reactance In Ohms:

26.80

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

2.291 rotor to stator

Shaft Radial Play Determining Weight:

4.0 ounces

Shaft End Play Determining Weight:

8.0 ounces

Test Data Document:

20418-es1607 drawing (this is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard or other document that may be referenced in a basic governing drawing)

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800