

View Online at <https://aerobasegroup.com/nsn/5990-00-503-0387>

Body Material:

Aluminum

Body Style:

Standard round d

Shoulder Diameter:

Between 1.9940 inches and 1.9950 inches

Pilot Diameter:

Between 0.5990 inches and 0.6000 inches

Second Shoulder Diameter:

1.9985 mils and 1.9995 centimeters

Second Shoulder Length:

0.1700 mils and 0.1720 centimeters

Overall Length:

Between 4.7430 inches and 4.8550 inches

Flange Diameter:

Between 2.2490 inches and 2.2500 inches

Flange Thickness:

Between 0.2480 inches and 0.2500 inches

Body Diameter:

1.9840 inches

Shaft Diameter:

0.2400 inches single shaft and 0.2405 inches single shaft

Shaft Length:

0.6100 inches single shaft and 0.6300 inches single shaft

Body Size:

23

Stator Input Voltage Rating In Volts:

Between 8.0 and 50.0

Stator Input Current Rating:

40.0 milliamperes

Stator Input Electrical Power Rating:

200.0 milliwatts

Frequency In Hertz:

60.0

Zso Impedance Magnitude In Ohms:

570.00

Zso Impedance Angle In Deg:

79.00

Rotor Dc Resistance In Ohms:

Between 260.30 and 287.70

Stator Dc Resistance In Ohms:

Between 72.96 and 80.43

Phase Shift Angle In Deg:

Between 7.164 input to output and 7.236 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

0.02 output

Shaft End Play:

0.0060 inches

Pilot Length:

0.0430 inches

Shoulder Length:

0.4190 mils and 0.4200 centimeters

Aft Of First Flange Diameter:

Between 1.9940 inches and 1.9950 inches

Mounting Surface To Terminal End Distance:

3.6170 inches

Shaft Maximum Runout:

0.0020 inches

Shaft Thread Series Designator:

Unf single shaft

Shaft Thread Direction:

Right-hand single shaft

Shaft Thread Class:

3a single shaft

Terminal Location:

Rear

Shaft Thread Length:

0.3100 inches single shaft and 0.3400 inches single shaft

Shaft Type:

Round, threaded single shaft

Shaft Thread Size:

0.240 inches single shaft

Shaft End Play Determining Weight:

16.0 ounces

Test Data Document:

10001-1233385 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:

8 screw

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800