NSN 6105-00-349-6896

Control Motor - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/6105-00-349-6896
Overall Height:
2.875 inches
Overall Length:
4.562 inches
Overall Width:
2.375 inches
Thread Length:
0.120 inches first end
Taper Length:
0.179 inches first end and 0.189 inches first end
Undercut Diameter:
0.075 inches first end
Shaft Diameter:
0.156 inches second end
Flatted Portion Length:
0.7500 inches second end
Current Type:
Ac input
Undercut Length:
0.030 inches first end
Flat Depth:
0.016 inches second end and 0.017 inches second end
Inclosure Feature:
Totally enclosed
Mounting Method:
Pad
Mounting Facility Type And Quantity:
4 unthreaded hole
Cooling Method:
Natural convection ventilated
Control Field Impedance Rating In Ohms:
4900.0 and 5100.0
Control Field Winding Type:
Single winding w/center tap
Undercut Center To Shaft End Distance:

ondereat conter to onate End Dictarios.

 $0.130 \ \text{inches} \ \ \text{first end} \ \text{and} \ 0.140 \ \text{inches} \ \ \text{first end}$

Torque Rating And Type:

5.0 inch-ounces stalled

Inclosure Specificationification:

Commercial

Control Field Voltage Type And Rating In Volts:

300.0 ac

NSN 6105-00-349-6896Control Motor - Page 2 of 2



Features Provided:
Horizontal mounting position and vertical mounting position
Thread Size:
0.112 inches first end
Taper:
8.000 per foot in inches first end
Length Of Shaft From Housing:
1.062 inches second end
Tempurature Rating:
-29.0 ambient degrees celsius and 65.0 ambient degrees celsius
Rotor Speed Rating In Rpm:
3300.0 single no load
Center To Center Distance Between Mounting Facilities Parallel To Width:
1.920 inches
Center To Center Distance Between Mounting Facilities Parallel To Height:
1.500 inches
Connection Type And Voltage Rating In Volts:
115.0 line to neutral single input
Shaft End Characteristic:
A5 single style second end
Phase:
Two input
Special Features:
Shaft end second style 0.157 in. Dia; shaft end third style 0.112 in. Dia
Frequency In Hertz:
60.0 input
Thread Series Designator:
Unf first end
Terminal Type And Quantity:
5 screw
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No
Fiig:
A271a0