NSN 6105-00-435-7448

Control Motor - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/6105-00-435-7448

Overall Height:
1.750 inches
Overall Length:
2.652 inches
Overall Width:
1.750 inches
Spline Minor Diameter:
0.1562 inches single end
Spline Quantity:
15 single end
Shaft Diameter:
0.177 inches single end
Current Type:
Ac input
Inclosure Feature:
Totally enclosed
Spline Length:
0.4370 inches single end
Mounting Method:
Face
Mounting Facility Type And Quantity:
1 clamp collar and 4 threaded hole
Cooling Method:
Natural convection ventilated
Control Field Current Rating In Amps:
1.300 and 0.650
Control Field Winding Type:
Two windings, series connected or two windings, parallel connected
Current Rating Method:
No load
Torque Rating And Type:
2.8 inch-ounces stalled
Inclosure Specificationification:
Commercial
Control Field Voltage Type And Rating In Volts:
20.0 ac and 40.0 ac
Features Provided:
Horizontal mounting position and vertical mounting position
Length Of Shaft From Housing:
0.438 inches single end

Tempurature Rating:

-55.0 operating degrees celsius and 125.0 operating degrees celsius

NSN 6105-00-435-7448Control Motor - Page 2 of 2



Mounting Facility Circle Diameter:	
1.250 inches	
Rotor Speed Rating In Rpm:	
9800.0 single no load	
Current Rating In Amps:	
0.245 single input	
Connection Type And Voltage Rating In Volts:	
115.0 line to neutral single input	
Shaft End Characteristic:	
A14 single style single end	
Phase:	
Two input	
Frequency In Hertz:	
400.0 input	
Terminal Type And Quantity:	
6 screw and 6 solder lug	
Shelf Life:	
N/a	
Unit Of Measure:	
Demilitarization:	
No	
Fiig:	
A271a0	