NSN 6105-00-635-9509 Direct Current Motor - Page 1 of 2	AeroBase Group
View Online at https://aerobasegroup.com/nsn/6105-00-635-9509	
Overall Height:	
15.750 inches	
Overall Length:	
35.125 inches	
Overall Width:	
15.750 inches	
Thread Length:	
0.5620 inches identical ends	
Keyway Width:	
0.3750 inches identical ends	
Keyway Depth:	
0.1880 inches identical ends	
Shaft Diameter:	
1.5000 inches identical ends	
Keyway Length:	
2.3750 inches identical ends	
Duty Cycle:	
Continuous	
Inclosure Feature:	
Splash proof	
Winding Type:	
Series wound	
Mounting Method:	
Fixed base	
Mounting Facility Type And Quantity:	
5 unthreaded hole	
Cooling Mathed	

Cooling Method:

Natural convection ventilated

Current Rating Method:

Load

Inclosure Specificationification:

Mil-std-108

Features Provided:

Vertical mounting position

Power Rating:

5.0000 horsepower output

Length Of Shaft From Housing:

12.625 inches single end

Shaft Center To Mounting Surface Distance:

12.375 inches single end

Center To Center Distance Between Mounting Facilities Parallel To Length:

4.750 inches

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Direct Current Motor - Page 2 of 2



Tempurature Rating:
70.0 ambient degrees celsius and 50.0 operating degrees celsius
Rotor Speed Rating In Rpm:
2400.0 single full load
Center To Center Distance Between Mounting Facilities Parallel To Width:
9.000 inches
Current Rating In Amps:
20.000 single input
Connection Type And Voltage Rating In Volts:
415.0 line to neutral single input
Shaft End Characteristic:
A2 first style identical ends and a9 second style identical ends
Special Features:
Fifth mounting hole located on c/l of plate 1 inch from back edge
Terminal Type And Quantity:
3 solder lug
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No
Fiig:

A271a0

Mil-std (military Standard):

Mil-std-108 spec.