NSN 6105-01-140-0827

Alternating Current Motor - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/6105-01-140-0827	
Overall Height:	
10.062 inches	
Overall Length:	
17.938 inches	
Overall Width:	
12.500 inches	
Keyway Width:	
0.312 inches single end	
Keyway Depth:	
0.156 inches single end	
Shaft Diameter:	
1.375 inches single end	
Keyway Length:	
2.375 inches single end	
Shaft Rotation Direction:	
Clockwise single end or counterclockwise single end	
Duty Cycle:	
Continuous	
Inclosure Feature:	
Totally enclosed	
Winding Type:	
Induction-squirrel cage	
Mounting Method:	
Fixed base	
Mounting Facility Type And Quantity:	
4 unthreaded hole	
Cooling Method:	
Fan cooled	
Inclosure Specificationification:	
Nema	
Features Provided:	
Horizontal mounting position and vertical mounting position	
Frame Size Designation:	
213t	
Power Rating:	
7.500 horsepower output	
Length Of Shaft From Housing:	

3.875 inches single end

Shaft Center To Mounting Surface Distance:

5.250 inches single end

Center To Center Distance Between Mounting Facilities Parallel To Length:

5.500 inches

NSN 6105-01-140-0827Alternating Current Motor - Page 2 of 2



Tempurature Rating:
50.0 operating degrees celsius
Rotor Speed Rating In Rpm:
1725.0 single no load
Center To Center Distance Between Mounting Facilities Parallel To Width:
8.500 inches
Connection Type And Voltage Rating In Volts:
208.0 line to neutral low input or 230.0 line to neutral high input or 460.0 line to neutral second multiple input
Shaft End Characteristic:
A9 single style single end
Phase:
Three input
Special Features:
Stainless steel shaft no. 416, fscm 05472
Frequency In Hertz:
60.0 input
Terminal Type And Quantity:
9 wire lead
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No
Fiig:
A271a0