

NSN 6105-01-251-2555	Ae
Alternating Current Motor - Page 1 of 2	
View Online at https://aerobasegroup.com/nsn/6105-01-251-2555	
Thread Class:	
2a single end	
Thread Direction:	
Right-hand single end	
Overall Height:	
13.750 inches	
Overall Length:	
22.940 inches	
Overall Width:	
17.245 inches	
Thread Length:	
0.590 inches single end	
Keyway Width:	
0.188 inches single end	
Keyway Depth:	
0.094 inches single end	
Shaft Diameter:	
0.984 inches single end	
Shaft Rotation Direction:	
Clockwise single end or counterclockwise single end	
Duty Cycle:	
Continuous	
Inclosure Feature:	
Watertight	
Winding Type:	
Induction-squirrel cage	
Mounting Method:	
Face	
Mounting Facility Type And Quantity:	
4 threaded hole	
Cooling Method:	
Ambient air	
Current Rating Method:	
Load	
Include Charification in the Control of the Control	

Inclosure Specificationification:

Nema

**Features Provided:** 

Horizontal mounting position

Frame Size Designation:

254tndz

**Power Rating:** 

10.000 horsepower output

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Thread Size:
0.875 inches single end
Length Of Shaft From Housing:
2.890 inches single end
Tempurature Rating:
50.0 ambient degrees celsius
Mounting Facility Circle Diameter:
12.500 inches
Rotor Speed Rating In Rpm:
1800.0 single no load
Current Rating In Amps:
13.700 single input
Connection Type And Voltage Rating In Volts:
440.0 line to line single input
Shaft End Characteristic:
A2 first style single end and a9 second style single end
Phase:
Three input
Frequency In Hertz:
60.0 input
oo.o input
Thread Series Designator:
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Thread Series Designator:
Thread Series Designator: Unf single end
Thread Series Designator: Unf single end Terminal Type And Quantity:
Thread Series Designator: Unf single end Terminal Type And Quantity: 3 wire lead
Thread Series Designator: Unf single end Terminal Type And Quantity: 3 wire lead Shelf Life:
Thread Series Designator: Unf single end Terminal Type And Quantity: 3 wire lead Shelf Life: N/a
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Thread Series Designator: Unf single end Terminal Type And Quantity: 3 wire lead Shelf Life: N/a Unit Of Measure:
Thread Series Designator: Unf single end Terminal Type And Quantity: 3 wire lead Shelf Life: N/a Unit Of Measure: Demilitarization: