

NSN 6105-01-251-6246 Alternating Current Motor - Page 1 of 2	Aero Base Group
View Online at https://aerobasegroup.com/nsn/6105-01-251-6246	
Overall Length:	
34.750 inches	
Keyway Width:	
0.250 inches single end and 0.252 inches single end	
Keyway Depth:	
0.139 inches single end	
Shaft Diameter:	
1.124 inches single end and 1.125 inches single end	
Keyway Length:	
2.120 inches single end	
Shaft Rotation Direction:	
Clockwise single end or counterclockwise single end	
Duty Cycles	

Duty Cycle:

Intermittent

Inclosure Feature:

Dripproof protected-15 deg

Winding Type:

Induction-squirrel cage

Mounting Method:

Face

Mounting Facility Type And Quantity:

4 unthreaded hole

Cooling Method:

Self-ventilated

Inclosure Specificationification:

Nema

Features Provided:

Horizontal mounting position

Frame Size Designation:

326tdz

Power Rating:

12.500 horsepower output or 2.100 horsepower output

Length Of Shaft From Housing:

2.260 inches single end

Tempurature Rating:

50.0 ambient degrees celsius

Mounting Facility Circle Diameter:

16.000 inches

Rotor Speed Rating In Rpm:

300.0 low no load and 1800.0 high no load and 260.0 low full load and 1750.0 high full load

Current Rating In Amps:

17.500 first multiple input or 28.000 second multiple input

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Connection Type And Voltage Rating In Volts: 440.0 line to neutral single input Shaft End Characteristic: A9 single style single end Phase: Three input Frequency In Hertz: 60.0 input Terminal Type And Quantity: 1 wire lead Shelf Life: N/a Unit Of Measure: - Demilitarization:

No Fiig: A271a0