

View Online at <https://aerobasegroup.com/nsn/6105-01-316-2088>

Overall Height:

13.250 inches

Overall Length:

23.440 inches

Overall Width:

17.250 inches

Keyway Width:

0.380 inches single end

Keyway Depth:

0.380 inches single end

Shaft Diameter:

1.625 inches single end and 1.635 inches single end

Keyway Length:

2.880 inches single end

Shaft Rotation Direction:

Clockwise single end or counterclockwise single end

Duty Cycle:

Continuous

Inclosure Feature:

Spray tight

Winding Type:

Induction-squirrel cage

Mounting Method:

Fixed base

Mounting Facility Type And Quantity:

4 unthreaded hole

Cooling Method:

Fan cooled

Current Rating Method:

Load

Features Provided:

Horizontal mounting position

Frame Size Designation:

254tn

Power Rating:

5.000 horsepower output or 1.500 horsepower output

Length Of Shaft From Housing:

3.750 inches single end

Shaft Center To Mounting Surface Distance:

6.250 inches single end

Center To Center Distance Between Mounting Facilities Parallel To Length:

8.240 inches

Tempurature Rating:

65.0 ambient degrees celsius

Rotor Speed Rating In Rpm:

1780.0 first multiple full load and 1190.0 second multiple full load

Center To Center Distance Between Mounting Facilities Parallel To Width:

10.000 inches

Current Rating In Amps:

5.800 first multiple input or 3.600 second multiple input

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:

6 solderless lug

Fsc Application Data:

Centrifugal fan

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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