

View Online at <https://aerobasegroup.com/nsn/6105-01-220-7163>

Thread Class:

3a single end

Thread Direction:

Right-hand single end

Overall Height:

14.625 inches

Overall Length:

28.813 inches

Overall Width:

16.437 inches

Thread Length:

0.938 inches single end

Hole Diameter:

0.125 inches single end

Hole Depth:

0.593 inches single end

Step Diameter:

1.125 inches single end

Step Length:

3.906 inches single end

Keyway Width:

0.250 inches single end

Keyway Depth:

0.250 inches single end

Shaft Diameter:

0.593 inches single end

Keyway Length:

1.812 inches single end

Hole Center To Shaft End Distance:

0.188 inches single end

Shaft Rotation Direction:

Clockwise first end

Duty Cycle:

Continuous

Inclosure Feature:

Totally enclosed

Winding Type:

Induction-squirrel cage

Mounting Method:

Face and fixed base

Mounting Facility Type And Quantity:

4 threaded hole and 4 unthreaded hole

Cooling Method:

Fan cooled

Current Rating Method:

Load

Inclosure Specificationification:

Nema

Features Provided:

Horizontal mounting position

Thready Qty Per Inch (tpi):

12 single end

Frame Size Designation:

254uncz

Power Rating:

7.500 horsepower output

Thread Size:

0.750 inches single end

Length Of Shaft From Housing:

10.000 inches single end

Shaft Center To Mounting Surface Distance:

6.250 inches single end

Center To Center Distance Between Mounting Facilities Parallel To Length:

8.250 inches

Tempurature Rating:

50.0 ambient degrees celsius

Mounting Facility Circle Diameter:

7.250 inches

Rotor Speed Rating In Rpm:

1800.0 single no load and 1755.0 single full load

Center To Center Distance Between Mounting Facilities Parallel To Width:

10.000 inches

Current Rating In Amps:

10.300 single input

Connection Type And Voltage Rating In Volts:

440.0 line to neutral single input

Shaft End Characteristic:

A13 first style single end and a2 second style single end and a9 third style single end and a12 fourth style single end

Phase:

Three input

Special Features:

Shaft end second style 0.750 in. Dia; shaft end third style 1.000 in. Dia; shaft end fourth style 1.375 in. Dia

Frequency In Hertz:

60.0 input

Thread Series Designator:

Un single end

Terminal Type And Quantity:

3 solderless lug

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

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