

View Online at <https://aerobasegroup.com/nsn/6105-01-237-1535>

Thread Class:

3a single end

Thread Direction:

Right-hand single end

Overall Height:

16.500 inches

Overall Length:

32.375 inches

Overall Width:

17.937 inches

Thread Length:

0.875 inches single end

Keyway Width:

0.250 inches single end

Keyway Depth:

0.125 inches single end

Shaft Diameter:

0.625 inches single end

Keyway Length:

1.937 inches single end

Shaft Rotation Direction:

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

Current Rating Method:

Load

Inclosure Specification:

Nema

Features Provided:

Horizontal mounting position

Frame Size Designation:

286cn

Power Rating:

20.000 horsepower output

Thread Size:

0.625 inches single end

Length Of Shaft From Housing:

9.562 inches single end

Shaft Center To Mounting Surface Distance:

7.000 inches single end

Center To Center Distance Between Mounting Facilities Parallel To Length:

11.000 inches

Tempurature Rating:

50.0 ambient degrees celsius

Rotor Speed Rating In Rpm:

3600.0 single no load and 3505.0 single full load

Center To Center Distance Between Mounting Facilities Parallel To Width:

11.000 inches

Current Rating In Amps:

25.000 single input

Connection Type And Voltage Rating In Volts:

440.0 line to neutral single input

Shaft End Characteristic:

A2 first style single end and a9 second style single end and a1 third style single end

Phase:

Three input

Special Features:

Shaft end second style 0.999 in. Min, 1.000 in. Maximum dia; shaft end third style 1.249 in. Min, 1.250 in. Maximum dia

Frequency In Hertz:

60.0 input

Thread Series Designator:

Unc single end

Terminal Type And Quantity:

3 solderless lug and 3 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A271a0