

View Online at <https://aerobasegroup.com/nsn/6105-01-319-0142>

Thread Class:

3a single end

Thread Direction:

Right-hand single end

Overall Height:

29.000 inches

Overall Length:

46.300 inches

Overall Width:

34.500 inches

Thread Length:

1.250 inches single end

Undercut Diameter:

1.125 inches single end

Shaft Diameter:

1.1478 inches single end

Undercut Length:

0.250 inches single end

Shaft Rotation Direction:

Clockwise single end

Duty Cycle:

Continuous

Inclosure Feature:

Open and dripproof protected-15 deg

Winding Type:

Induction-squirrel cage

Mounting Method:

Fixed base

Mounting Facility Type And Quantity:

4 unthreaded hole

Cooling Method:

Self-ventilated

Undercut Center To Shaft End Distance:

1.375 inches single end

Current Rating Method:

Load

Inclosure Specification:

Mil-std-108

Features Provided:

Horizontal mounting position

Frame Size Designation:

507ud

Power Rating:

250.000 horsepower output

Thread Size:

1.250 inches single end

Length Of Shaft From Housing:

3.750 inches single end

Shaft Center To Mounting Surface Distance:

12.444 inches single end

Center To Center Distance Between Mounting Facilities Parallel To Length:

22.000 inches

Tempurature Rating:

50.0 ambient degrees celsius

Rotor Speed Rating In Rpm:

3570.0 single full load

Center To Center Distance Between Mounting Facilities Parallel To Width:

20.000 inches

Current Rating In Amps:

285.000 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 a28 second style single end

Phase:

Three input

Frequency In Hertz:

60.0 input

Thread Series Designator:

Unf single end

Terminal Type And Quantity:

3 solderless lug

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A271a0

Mil-std (military Standard):

Mil-std-108 spec.