

View Online at <https://aerobasegroup.com/nsn/6105-01-358-4033>

Thread Class:

3a single end

Thread Direction:

Right-hand single end

Overall Height:

15.000 inches

Overall Length:

26.000 inches

Overall Width:

12.500 inches

Thread Length:

0.630 inches single end

Shaft Diameter:

0.500 inches 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

Current Rating Method:

Load

Features Provided:

Horizontal mounting position

Frame Size Designation:

254nc

Power Rating:

7.500 horsepower output

Thread Size:

0.500 inches single end

Criticality Code Justification:

Zzzy

Length Of Shaft From Housing:

6.880 inches single end

Center To Center Distance Between Mounting Facilities Parallel To Length:

8.240 inches

Tempurature Rating:

50.0 ambient degrees celsius

Mounting Facility Circle Diameter:

0.781 inches

Rotor Speed Rating In Rpm:

3540.0 single full load

Center To Center Distance Between Mounting Facilities Parallel To Width:

10.000 inches

Current Rating In Amps:

8.800 single input

Connection Type And Voltage Rating In Volts:

440.0 line to neutral single input

Shaft End Characteristic:

A2 single style single end

Phase:

Three input

Frequency In Hertz:

60.0 input

Thread Series Designator:

Unc single end

Terminal Type And Quantity:

3 solderless lug

Reference Number Differentiating Characteristics:

Magnetic permeability shall not exceed 2.0 after fabrication

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

No

Fiig:

A271a0