

View Online at <https://aerobasegroup.com/nsn/6105-00-483-1369>

**Overall Height:**

13.625 inches

**Overall Length:**

23.000 inches

**Overall Width:**

14.250 inches

**Thread Length:**

0.6250 inches single end

**Keyway Width:**

0.1875 inches single end

**Keyway Depth:**

0.0937 inches single end

**Shaft Diameter:**

0.688 inches single end and 0.875 inches single end

**Keyway Length:**

1.3125 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

**Inclosure Specification:**

Mil-std-108

**Bearing Type:**

Annular ball

**Features Provided:**

Horizontal mounting position

**Frame Size Designation:**

Nf254

**Power Rating:**

7.5000 horsepower output

**Thread Size:**

0.500 inches single end

**Length Of Shaft From Housing:**

6.625 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

**Temperature Rating:**

50.0 operating degrees celsius and 70.0 ambient degrees celsius

**Rotor Speed Rating In Rpm:**

3600.0 single no load and 3500.0 single full load

**Center To Center Distance Between Mounting Facilities Parallel To Width:**

10.000 inches

**Current Rating In Amps:**

9.500 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

**Frequency In Hertz:**

60.0 input

**Thread Series Designator:**

Unc single end

**Terminal Type And Quantity:**

3 solder lug

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A271a0

**Mil-std (military Standard):**

Mil-std-108 spec.