

View Online at <https://aerobasegroup.com/nsn/6105-01-112-9976>

**Overall Height:**

13.250 inches

**Overall Length:**

21.250 inches

**Overall Width:**

16.375 inches

**Keyway Width:**

0.312 inches single end

**Keyway Depth:**

0.156 inches single end

**Shaft Diameter:**

1.375 inches single end

**Keyway Length:**

2.750 inches single end

**Shaft Rotation Direction:**

Clockwise single end or 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

**Torque Rating And Type:**

22.5 foot-pounds running

**Inclosure Specificationification:**

Nema

**Features Provided:**

Horizontal mounting position and vertical mounting position

**Frame Size Designation:**

254u

**Power Rating:**

7.500 horsepower output

**Length Of Shaft From Housing:**

3.750 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:**

40.0 ambient degrees celsius and 55.0 operating degrees celsius

**Rotor Speed Rating In Rpm:**

1760.0 single full load

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

10.000 inches

**Current Rating In Amps:**

21.000 first multiple input or 10.500 second multiple input

**Connection Type And Voltage Rating In Volts:**

208.0 line to neutral low input or 220.0 line to neutral high input or 440.0 line to neutral second multiple input

**Shaft End Characteristic:**

A9 single style single end

**Phase:**

Three input

**Frequency In Hertz:**

60.0 input

**Terminal Type And Quantity:**

9 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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