

View Online at <https://aerobasegroup.com/nsn/6105-01-117-8526>

**Overall Height:**

12.440 inches

**Overall Length:**

22.310 inches

**Overall Width:**

11.860 inches

**Keyway Width:**

0.3750 inches single end

**Keyway Depth:**

0.3750 inches single end

**Shaft Diameter:**

1.624 inches single end

**Keyway Length:**

2.8800 inches single end

**Shaft Rotation Direction:**

Clockwise single end or counterclockwise single end

**Duty Cycle:**

Continuous

**Inclosure Feature:**

Dripproof protected-45 deg

**Winding Type:**

Induction-squirrel cage

**Mounting Method:**

Fixed base

**Mounting Facility Type And Quantity:**

6 unthreaded hole

**Cooling Method:**

Self-ventilated

**Current Rating Method:**

Load

**Torque Rating And Type:**

33.7 foot-pounds running

**Inclosure Specificationification:**

Nema

**Features Provided:**

Horizontal mounting position

**Cubic Measure:**

3.000 cubic feet

**Frame Size Designation:**

254t

**Power Rating:**

7.500 horsepower output

**Length Of Shaft From Housing:**

4.000 inches single end

**Shaft Center To Mounting Surface Distance:**

6.250 inches single end

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

10.000 inches

**Temperature Rating:**

60.0 operating degrees celsius and 50.0 ambient degrees celsius

**Rotor Speed Rating In Rpm:**

1165.0 single full load

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

10.000 inches

**Current Rating In Amps:**

11.200 single input

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

440.0 line to neutral single 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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