

View Online at <https://aerobasegroup.com/nsn/6105-01-167-3919>

**Overall Height:**

13.750 inches

**Overall Length:**

29.560 inches

**Overall Width:**

17.115 inches

**Keyway Width:**

0.3120 inches single end

**Keyway Depth:**

0.1560 inches single end

**Shaft Diameter:**

1.3570 inches single end

**Keyway Length:**

1.3750 inches single end

**Shaft Rotation Direction:**

Clockwise single end or counterclockwise single end

**Duty Cycle:**

Continuous

**Inclosure Feature:**

Totally enclosed

**Specific Use:**

Hoist, motor, fscm 01425

**Winding Type:**

Induction-squirrel cage

**Mounting Method:**

Flange

**Mounting Facility Type And Quantity:**

4 unthreaded hole

**Cooling Method:**

Ambient air

**Current Rating Method:**

Load

**Inclosure Specificationification:**

Nema

**Features Provided:**

Integral brake and horizontal mounting position

**Frame Size Designation:**

254td

**Power Rating:**

2.500 horsepower input or 5.000 horsepower input

**Length Of Shaft From Housing:**

3.140 inches single end

**Tempurature Rating:**

50.0 ambient degrees celsius

**Mounting Facility Circle Diameter:**

12.500 inches

**Rotor Speed Rating In Rpm:**

600.0 low full load and 1200.0 high full load

**Current Rating In Amps:**

12.000 low input or 13.000 high 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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