

View Online at <https://aerobasegroup.com/nsn/6105-01-163-2943>

**Overall Height:**

16.180 inches

**Overall Length:**

26.750 inches

**Overall Width:**

14.000 inches

**Thread Length:**

1.5000 inches single end

**Keyway Width:**

0.3750 inches single end

**Keyway Depth:**

0.1900 inches single end

**Shaft Diameter:**

1.250 inches single end

**Keyway Length:**

2.7500 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:**

Face

**Mounting Facility Type And Quantity:**

4 threaded hole

**Cooling Method:**

Separately ventilated

**Current Rating Method:**

Load

**Inclosure Specificationification:**

Nema

**Features Provided:**

Horizontal mounting position and vertical mounting position

**Frame Size Designation:**

256tny

**Power Rating:**

5.250 horsepower input or 17.500 horsepower input

**Thread Size:**

1.250 inches single end

**Length Of Shaft From Housing:**

7.000 inches single end

**Tempurature Rating:**

65.0 operating degrees celsius

**Mounting Facility Circle Diameter:**

12.500 inches

**Rotor Speed Rating In Rpm:**

1185.0 low full load and 1770.0 high full load

**Current Rating In Amps:**

8.500 low input or 23.400 high 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

**Special Features:**

Shaft end second style 1.562 in. Dia; shaft end third style 1.754 in. Min dia, 1.755 in. Maximum dia; shaft style a2 has 9/32 in. Diameter hole drill thru

**Frequency In Hertz:**

60.0 input

**Thread Series Designator:**

Unc single end

**Terminal Type And Quantity:**

3 solder lug and 3 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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