

View Online at <https://aerobasegroup.com/nsn/6105-01-308-5282>

**Thread Class:**

3b single end

**Thread Direction:**

Right-hand single end

**Overall Height:**

12.440 inches

**Overall Length:**

30.180 inches

**Overall Width:**

19.220 inches

**Thread Length:**

1.715 inches single end

**Step Diameter:**

1.375 inches single end

**Step Length:**

2.360 inches single end and 2.390 inches single end

**Shaft Diameter:**

1.313 inches single end

**Shaft Rotation Direction:**

Clockwise single end

**Duty Cycle:**

Continuous

**Inclosure Feature:**

Totally enclosed

**Winding Type:**

Induction-squirrel cage

**Mounting Method:**

Fixed base and face

**Mounting Facility Type And Quantity:**

4 threaded hole

**Cooling Method:**

Fan cooled

**Current Rating Method:**

Load

**Inclosure Specificationification:**

Nema

**Features Provided:**

Horizontal mounting position

**Frame Size Designation:**

254jp

**Power Rating:**

15.000 horsepower output

**Thread Size:**

0.500 inches single end

**Length Of Shaft From Housing:**

8.150 inches single end

**Shaft Center To Mounting Surface Distance:**

6.250 inches single end

**Temperature Rating:**

50.0 ambient degrees celsius

**Rotor Speed Rating In Rpm:**

3545.0 low full load and 3600.0 high full load

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

5.000 inches

**Current Rating In Amps:**

18.600 single input

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

440.0 line to neutral single input

**Shaft End Characteristic:**

A3 first style single end and a12 second style single end

**Phase:**

Three input

**Special Features:**

Shaft end second style 1.750 in. Dia; shaft end first style keyway 2.520 in. Dia

**Frequency In Hertz:**

60.0 input

**Thread Series Designator:**

Unc single end

**Terminal Type And Quantity:**

3 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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