

View Online at <https://aerobasegroup.com/nsn/6105-01-245-8202>

**Overall Height:**

16.125 inches

**Overall Length:**

22.125 inches

**Overall Width:**

12.500 inches

**Keyway Width:**

0.188 inches single end

**Keyway Depth:**

0.098 inches single end

**Shaft Diameter:**

0.750 inches single end

**Keyway Length:**

1.000 inches single end

**Shaft Rotation Direction:**

Clockwise single end

**Duty Cycle:**

Continuous

**Inclosure Feature:**

Totally enclosed

**Winding Type:**

Induction-squirrel cage

**Mounting Method:**

Face and fixed base

**Mounting Facility Type And Quantity:**

4 threaded hole and 4 unthreaded hole

**Cooling Method:**

Nonventilated

**Inclosure Specification:**

Nema

**Features Provided:**

Horizontal mounting position

**Frame Size Designation:**

254

**Power Rating:**

7.500 horsepower output

**Length Of Shaft From Housing:**

4.062 inches single end

**Shaft Center To Mounting Surface Distance:**

6.500 inches single end

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

8.250 inches

**Mounting Facility Circle Diameter:**

7.250 inches

**Rotor Speed Rating In Rpm:**

1800.0 single no load

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

10.000 inches

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

440.0 line to neutral single input

**Shaft End Characteristic:**

A9 first style single end and a1 second style single end

**Phase:**

Three input

**Special Features:**

Shaft end first style has 1/4-28 tapped hole 0.500 in. Deep; shaft end second style 1.250 in. Min, 1.251 in. Maximum dia

**Frequency In Hertz:**

60.0 input

**Terminal Type And Quantity:**

2 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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