

View Online at <https://aerobasegroup.com/nsn/6105-00-578-7900>

**Overall Height:**

4.937 inches

**Overall Length:**

7.562 inches

**Overall Width:**

4.750 inches

**Shaft Diameter:**

0.3750 inches single end

**Duty Cycle:**

Continuous

**Inclosure Feature:**

Totally enclosed

**Winding Type:**

Induction-squirrel cage

**Mounting Method:**

Fixed base

**Mounting Facility Type And Quantity:**

4 slot

**Cooling Method:**

Nonventilated

**Inclosure Specification:**

Nema

**Features Provided:**

Vertical mounting position and single phase adaptability and horizontal mounting position

**Frame Size Designation:**

42

**Power Rating:**

0.5000 horsepower output

**Length Of Shaft From Housing:**

1.250 inches single end

**Shaft Center To Mounting Surface Distance:**

2.625 inches single end

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

1.687 inches

**Temperature Rating:**

-20.0 operating degrees celsius and 70.0 operating degrees celsius and 36.0 ambient degrees celsius

**Rotor Speed Rating In Rpm:**

2875.0 low full load and 3450.0 high full load

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

3.500 inches

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

115.0 line to neutral single input

**Shaft End Characteristic:**

A5 single style single end

**Phase:**

Single input

**Special Features:**

Base welded all around, external leads 24 in. Long

**Frequency In Hertz:**

50.0 input or 60.0 input

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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