

View Online at <https://aerobasegroup.com/nsn/6105-01-281-0310>

**Overall Height:**

13.250 inches

**Overall Length:**

24.440 inches

**Overall Width:**

17.250 inches

**Keyway Width:**

0.380 inches single end

**Keyway Depth:**

0.380 inches single end

**Shaft Diameter:**

1.625 inches single end

**Keyway Length:**

1.880 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

**Mounting Facility Type And Quantity:**

4 slot

**Cooling Method:**

Fan cooled

**Inclosure Specification:**

Nema

**Features Provided:**

Vertical mounting position

**Frame Size Designation:**

254tn

**Power Rating:**

3.750 horsepower output or 7.500 horsepower output

**Length Of Shaft From Housing:**

3.750 inches single end

**Rotor Speed Rating In Rpm:**

885.0 first multiple full load and 1775.0 second multiple full load

**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

**Special Features:**

Navy service "a" motor

**Frequency In Hertz:**

60.0 input

**Terminal Type And Quantity:**

6 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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