

View Online at <https://aerobasegroup.com/nsn/6105-01-314-7429>

**Thread Class:**

3a first end

**Thread Direction:**

Right-hand first end

**Overall Length:**

50.730 inches

**Overall Width:**

22.000 inches

**Thread Length:**

1.767 inches second end

**Keyway Width:**

0.500 inches second end

**Keyway Depth:**

0.250 inches second end

**Shaft Diameter:**

1.680 inches second end

**Keyway Length:**

2.750 inches first end

**Shaft Rotation Direction:**

Clockwise single end

**Duty Cycle:**

Intermittent

**Inclosure Feature:**

Watertight

**Winding Type:**

Induction-squirrel cage

**Mounting Method:**

Fixed base

**Mounting Facility Type And Quantity:**

4 unthreaded hole

**Cooling Method:**

Fan cooled

**Current Rating Method:**

Load

**Features Provided:**

Vertical mounting position

**Frame Size Designation:**

N445tndz

**Power Rating:**

75.000 horsepower output or 25.000 horsepower output

**Thread Size:**

1.500 inches first end

**Length Of Shaft From Housing:**

5.310 inches first end

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

18.000 inches

**Tempurature Rating:**

50.0 ambient degrees celsius

**Mounting Facility Circle Diameter:**

1.750 inches

**Rotor Speed Rating In Rpm:**

1490.0 high full load or 465.0 low full load

**Current Rating In Amps:**

103.000 high input or 61.000 low input

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

440.0 line to neutral single input

**Shaft End Characteristic:**

A2 first style second end and a9 second style second end

**Phase:**

Three input

**Special Features:**

Second end shaft dim. 1.767-18ns-3a

**Frequency In Hertz:**

60.0 input

**Thread Series Designator:**

Unf first end

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A271a0