

View Online at <https://aerobasegroup.com/nsn/6105-01-377-6257>

**Thread Class:**

3a first end

**Overall Height:**

24.880 inches

**Overall Length:**

46.900 inches

**Thread Length:**

0.630 inches first end

**Keyway Width:**

0.500 inches second end

**Keyway Depth:**

0.500 inches first end

**Shaft Diameter:**

2.124 inches second end

**Keyway Length:**

3.000 inches first end

**Duty Cycle:**

Continuous

**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

**Thready Qty Per Inch (tpi):**

8 second end

**Frame Size Designation:**

445tdz

**Power Rating:**

75.000 horsepower output

**Thread Size:**

1.750 inches first end

**Length Of Shaft From Housing:**

3.468 inches single end

**Shaft Center To Mounting Surface Distance:**

11.000 inches single end

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

16.500 inches

**Temperature Rating:**

50.0 ambient degrees celsius

**Rotor Speed Rating In Rpm:**

530.0 low full load and 1630.0 high full load

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

18.000 inches

**Current Rating In Amps:**

65.000 low input or 100.000 high input

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

440.0 line to neutral single input

**Shaft End Characteristic:**

A2 first style second end and a29 second style second end

**Phase:**

Three input

**Frequency In Hertz:**

60.0 input

**Thread Series Designator:**

Unf first end

**Terminal Type And Quantity:**

4 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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