

View Online at <https://aerobasegroup.com/nsn/6105-01-289-0028>

**Overall Height:**

22.000 inches

**Overall Length:**

54.188 inches

**Overall Width:**

29.438 inches

**Keyway Width:**

0.750 inches second end

**Keyway Depth:**

0.375 inches second end

**Shaft Diameter:**

2.750 inches first end

**Keyway Length:**

5.625 inches first end

**Shaft Rotation Direction:**

Clockwise first end or counterclockwise first end

**Duty Cycle:**

Intermittent

**Inclosure Feature:**

Open protected

**Winding Type:**

Induction-squirrel cage

**Mounting Method:**

Fixed base

**Mounting Facility Type And Quantity:**

4 unthreaded hole

**Time Interval:**

30.0 minutes on

**Cooling Method:**

Fan cooled

**Current Rating Method:**

Load

**Cubic Measure:**

8.000 cubic feet

**Frame Size Designation:**

445tz

**Power Rating:**

50.000 horsepower input

**Length Of Shaft From Housing:**

8.500 inches first end

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

16.500 inches

**Tempurature Rating:**

50.0 ambient degrees celsius

**Rotor Speed Rating In Rpm:**

820.0 low full load and 1695.0 high full load

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

18.000 inches

**Current Rating In Amps:**

62.000 low input or 80.000 high input

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

450.0 line to line single input

**Shaft End Characteristic:**

A9 single style second end

**Phase:**

Three input

**Special Features:**

length includes brake housing; motor length without brake housing 45.000 inches

**Frequency In Hertz:**

60.0 input

**Terminal Type And Quantity:**

9 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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