

View Online at <https://aerobasegroup.com/nsn/6105-01-222-2153>

**Overall Height:**

25.120 inches

**Overall Length:**

42.880 inches

**Overall Width:**

30.880 inches

**Keyway Width:**

0.620 inches identical ends

**Keyway Depth:**

0.320 inches identical ends

**Shaft Diameter:**

2.375 inches second end

**Keyway Length:**

5.500 inches second end

**Shaft Rotation Direction:**

Clockwise or counterclockwise identical ends

**Duty Cycle:**

Intermittent

**Inclosure Feature:**

Dripproof protected-15 deg

**Winding Type:**

Induction-squirrel cage

**Mounting Method:**

Fixed base

**Mounting Facility Type And Quantity:**

4 unthreaded hole

**Current Rating Method:**

Load

**Inclosure Specification:**

Nema

**Features Provided:**

Horizontal mounting position

**Frame Size Designation:**

445unz

**Power Rating:**

8.300 horsepower or 50.000 horsepower output

**Length Of Shaft From Housing:**

7.560 inches second end

**Shaft Center To Mounting Surface Distance:**

10.970 inches identical ends

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

16.500 inches

**Tempurature Rating:**

40.0 ambient degrees celsius

**Rotor Speed Rating In Rpm:**

300.0 low no load and 1800.0 high no load and 260.0 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:**

45.000 low or 60.000 high input

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

440.0 line to neutral single input

**Shaft End Characteristic:**

A9 first style and a1 second style second end

**Phase:**

Three input

**Special Features:**

Shaft ends second style 2.437 in. Dia

**Frequency In Hertz:**

60.0 input

**Terminal Type And Quantity:**

6 solderless lug

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fig:**

A271a0