

View Online at <https://aerobasegroup.com/nsn/6105-01-280-0371>

**Overall Height:**

12.060 inches

**Overall Length:**

17.250 inches

**Overall Width:**

13.250 inches

**Thread Length:**

0.440 inches single end

**Shaft Diameter:**

0.625 inches single end

**Shaft Rotation Direction:**

Clockwise single end or counterclockwise single end

**Duty Cycle:**

Continuous

**Inclosure Feature:**

Totally enclosed

**Winding Type:**

Induction-squirrel cage

**Mounting Method:**

Face and fixed base

**Mounting Facility Type And Quantity:**

4 threaded hole and 4 unthreaded hole

**Cooling Method:**

Fan cooled

**Current Rating Method:**

Load

**Inclosure Specificationification:**

Nema

**Features Provided:**

Horizontal mounting position

**Frame Size Designation:**

182tny

**Power Rating:**

2.000 horsepower output

**Thread Size:**

0.312 inches single end

**Length Of Shaft From Housing:**

4.500 inches single end

**Shaft Center To Mounting Surface Distance:**

4.500 inches single end

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

4.500 inches

**Tempurature Rating:**

50.0 ambient degrees celsius

**Mounting Facility Circle Diameter:**

5.880 inches

**Rotor Speed Rating In Rpm:**

3600.0 single no load and 3520.0 single full load

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

7.500 inches

**Current Rating In Amps:**

2.600 single input

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

440.0 line to neutral single input

**Shaft End Characteristic:**

A3 first style single end and a1 second style single end

**Phase:**

Three input

**Special Features:**

Shaft end first style has keyway 1.000 in. By 0.500 in. By 1.000 in. Long; shaft end second style 0.750 in. Dia

**Frequency In Hertz:**

60.0 input

**Thread Series Designator:**

Unc single end

**Terminal Type And Quantity:**

3 solderless lug

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fiig:**

A271a0