

View Online at <https://aerobasegroup.com/nsn/6105-01-148-7266>

**Thread Class:**

3a single end

**Thread Direction:**

Right-hand single end

**Overall Height:**

9.880 inches

**Overall Length:**

19.380 inches

**Overall Width:**

13.255 inches

**Thread Length:**

0.630 inches single end

**Keyway Width:**

0.188 inches single end

**Keyway Depth:**

0.094 inches single end

**Shaft Diameter:**

0.500 inches single end

**Keyway Length:**

1.310 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:**

Fixed base

**Mounting Facility Type And Quantity:**

4 slot

**Cooling Method:**

Fan cooled

**Current Rating Method:**

Load

**Inclosure Specification:**

Nema

**Frame Size Designation:**

182tcn

**Power Rating:**

1.000 horsepower output

**Thread Size:**

0.500 inches single end

**Length Of Shaft From Housing:**

6.620 inches single end

**Shaft Center To Mounting Surface Distance:**

4.500 inches single end

**Temperature Rating:**

50.0 ambient degrees celsius

**Rotor Speed Rating In Rpm:**

3600.0 single full load

**Current Rating In Amps:**

1.530 low input or 3.060 high input

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

230.0 line to neutral low input or 460.0 line to neutral high input

**Shaft End Characteristic:**

A2 first style single end and a9 second style single end and a1 third style single end

**Phase:**

Three input

**Special Features:**

Shaft second style diameter 0.687 in.; third style diameter 0.875 in.

**Frequency In Hertz:**

60.0 input

**Thread Series Designator:**

Unc single end

**Terminal Type And Quantity:**

3 solder lug and 3 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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