

View Online at <https://aerobasegroup.com/nsn/6105-01-186-6572>

**Thread Class:**

2a single end

**Thread Direction:**

Right-hand single end

**Overall Height:**

15.251 inches

**Overall Length:**

25.391 inches

**Overall Width:**

15.562 inches

**Thread Length:**

1.188 inches single end

**Keyway Width:**

0.187 inches single end

**Keyway Depth:**

0.093 inches single end

**Shaft Diameter:**

0.625 inches single end

**Keyway Length:**

1.188 inches single end

**Shaft Rotation Direction:**

Counterclockwise single end

**Duty Cycle:**

Continuous

**Inclosure Feature:**

Dripproof protected-15 deg

**Winding Type:**

Shunt wound w/commutating poles-stabilizing windings

**Mounting Method:**

Fixed base and face

**Mounting Facility Type And Quantity:**

4 threaded hole and 4 unthreaded hole

**Cooling Method:**

Self-ventilated

**Current Rating Method:**

Load

**Inclosure Specification:**

Nema

**Features Provided:**

Horizontal mounting position

**Frame Size Designation:**

254cyz

**Power Rating:**

5.000 horsepower output

**Thread Size:**

0.625 inches single end

**Length Of Shaft From Housing:**

4.124 inches single end

**Shaft Center To Mounting Surface Distance:**

6.250 inches single end

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

8.250 inches

**Tempurature Rating:**

50.0 ambient degrees celsius

**Mounting Facility Circle Diameter:**

7.250 inches

**Rotor Speed Rating In Rpm:**

1800.0 single no load

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

10.000 inches

**Current Rating In Amps:**

17.000 single input

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

250.0 line to neutral single input

**Shaft End Characteristic:**

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

**Special Features:**

Shaft end second style 0.875 in. Dia; shaft end third style 1.500 in. Dia

**Thread Series Designator:**

Unf single end

**Terminal Type And Quantity:**

3 solderless lug

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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