

View Online at <https://aerobasegroup.com/nsn/6105-00-080-5537>

**Overall Height:**

12.375 inches

**Overall Length:**

19.750 inches

**Overall Width:**

8.875 inches

**Thread Length:**

0.7500 inches single end

**Keyway Width:**

0.1880 inches single end

**Keyway Depth:**

0.0940 inches single end

**Shaft Diameter:**

0.6880 inches single end

**Keyway Length:**

1.3120 inches single end

**Shaft Rotation Direction:**

Clockwise single end or counterclockwise single end

**Duty Cycle:**

Continuous

**Inclosure Feature:**

Dripproof protected-45 deg

**Winding Type:**

Shunt wound w/commutating poles-stabilizing windings

**Mounting Method:**

Fixed base

**Mounting Facility Type And Quantity:**

4 unthreaded hole

**Cooling Method:**

Fan cooled

**Inclosure Specificationification:**

Mil-std-108

**Bearing Type:**

Annular ball

**Features Provided:**

Vertical mounting position

**Frame Size Designation:**

202e

**Power Rating:**

1.0000 horsepower output

**Thread Size:**

0.500 inches single end

**Length Of Shaft From Housing:**

6.125 inches single end

**Shaft Center To Mounting Surface Distance:**

4.625 inches single end

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

5.500 inches

**Tempurature Rating:**

50.0 operating degrees celsius

**Rotor Speed Rating In Rpm:**

3450.0 single full load

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

8.000 inches

**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

**Thread Series Designator:**

Unc single end

**Terminal Type And Quantity:**

3 solder lug

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A271a0

**Mil-std (military Standard):**

Mil-std-108 spec.