

View Online at <https://aerobasegroup.com/nsn/6105-01-118-2742>

**Thread Class:**

2b single end

**Thread Direction:**

Right-hand single end

**Overall Height:**

24.281 inches

**Overall Length:**

57.000 inches

**Overall Width:**

31.640 inches

**Thread Length:**

0.3750 inches single end

**Taper Length:**

2.2500 inches single end

**Keyway Width:**

0.312 inches single end

**Keyway Depth:**

0.1560 inches single end

**Shaft Diameter:**

1.437 inches single end and 1.438 inches single end

**Keyway Length:**

2.3120 inches single end

**Shaft Rotation Direction:**

Clockwise single end or counterclockwise single end

**Duty Cycle:**

Continuous

**Inclosure Feature:**

Dripproof protected-15 deg

**Winding Type:**

Shunt wound

**Mounting Method:**

Flange

**Mounting Facility Type And Quantity:**

8 unthreaded hole

**Cooling Method:**

Ambient air

**Current Rating Method:**

Load

**Inclosure Specificationification:**

Nema

**Features Provided:**

Horizontal mounting position and vertical mounting position

**Frame Size Designation:**

500vy

**Power Rating:**

150.0000 horsepower output

**Thread Size:**

0.750 inches single end

**Taper:**

0.600 per foot in inches single end

**Length Of Shaft From Housing:**

4.063 inches single end

**Tempurature Rating:**

50.0 ambient degrees celsius

**Mounting Facility Circle Diameter:**

20.000 inches

**Rotor Speed Rating In Rpm:**

3500.0 single full load

**Current Rating In Amps:**

486.000 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 a29 second style single end

**Thread Series Designator:**

Unf single end

**Terminal Type And Quantity:**

6 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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