

View Online at <https://aerobasegroup.com/nsn/6105-01-149-8830>

**Overall Height:**

15.500 inches

**Overall Length:**

26.190 inches

**Overall Width:**

20.578 inches

**Thread Length:**

0.470 inches single end

**Keyway Width:**

0.380 inches single end

**Keyway Depth:**

0.190 inches single end

**Shaft Diameter:**

1.563 inches single end

**Keyway Length:**

2.120 inches single end

**Shaft Rotation Direction:**

Clockwise single end or counterclockwise single end

**Duty Cycle:**

Continuous

**Inclosure Feature:**

Spray tight

**Winding Type:**

Synchronous

**Mounting Method:**

Face

**Mounting Facility Type And Quantity:**

4 unthreaded hole

**Cooling Method:**

Ambient air

**Current Rating Method:**

Load

**Torque Rating And Type:**

171.0 foot-pounds running

**Inclosure Specification:**

Nema

**Features Provided:**

Horizontal mounting position and vertical mounting position

**Frame Size Designation:**

286tncz

**Power Rating:**

7.500 horsepower output or 25.000 horsepower output

**Thread Size:**

1.563 inches single end

**Length Of Shaft From Housing:**

5.500 inches single end

**Temperature Rating:**

65.0 operating degrees celsius

**Mounting Facility Circle Diameter:**

9.000 inches

**Rotor Speed Rating In Rpm:**

1200.0 low no load or 1800.0 high no load

**Current Rating In Amps:**

33.000 first multiple input or 12.000 second multiple input

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

440.0 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

**Phase:**

Three input

**Special Features:**

Shaft end second style 1.6250 in. Dia; third style 2.124 in. Dia

**Frequency In Hertz:**

60.0 input

**Thread Series Designator:**

Unef single end

**Terminal Type And Quantity:**

6 solder lug

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A271a0