

View Online at <https://aerobasegroup.com/nsn/6105-01-142-3759>

**Overall Height:**

12.000 inches

**Overall Length:**

25.500 inches

**Overall Width:**

14.687 inches

**Keyway Width:**

0.500 inches second end

**Keyway Depth:**

0.250 inches second end

**Shaft Diameter:**

2.000 inches second end

**Keyway Length:**

3.625 inches second end

**Shaft Rotation Direction:**

Clockwise identical ends or counterclockwise identical ends

**Duty Cycle:**

Continuous

**Inclosure Feature:**

Open protected

**Winding Type:**

Synchronous

**Mounting Method:**

Fixed base

**Mounting Facility Type And Quantity:**

6 unthreaded hole

**Cooling Method:**

Ambient air

**Inclosure Specification:**

Nema

**Bearing Type:**

Annular ball

**Features Provided:**

Horizontal mounting position and vertical mounting position

**Frame Size Designation:**

256tz

**Power Rating:**

7.5000 horsepower output

**Length Of Shaft From Housing:**

4.812 inches identical ends

**Shaft Center To Mounting Surface Distance:**

6.250 inches identical ends

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

8.250 inches

**Temperature Rating:**

50.0 ambient degrees celsius

**Rotor Speed Rating In Rpm:**

1760.0 single full load

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

10.000 inches

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

230.0 line to neutral first multiple input or 460.0 line to neutral second multiple input

**Shaft End Characteristic:**

A9 single style identical ends

**Phase:**

Three input

**Frequency In Hertz:**

60.0 input

**Terminal Type And Quantity:**

9 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fiig:**

A271a0