

View Online at <https://aerobasegroup.com/nsn/6105-00-635-6111>

**Overall Height:**

21.250 inches

**Overall Length:**

35.500 inches

**Overall Width:**

22.375 inches

**Thread Length:**

0.4375 inches single end

**Taper Length:**

2.0000 inches single end

**Keyway Width:**

0.3750 inches single end

**Keyway Depth:**

0.3125 inches single end

**Shaft Rotation Direction:**

Clockwise single end or counterclockwise single end

**Duty Cycle:**

Continuous

**Inclosure Feature:**

Totally enclosed

**Specific Use:**

Fire and bilge pump motor

**Winding Type:**

Induction-squirrel cage

**Mounting Method:**

Fixed base

**Mounting Facility Type And Quantity:**

4 unthreaded hole

**Cooling Method:**

Natural convection ventilated

**Current Rating Method:**

Load

**Inclosure Specification:**

Mil-std-108

**Bearing Type:**

Annular ball

**Features Provided:**

Horizontal mounting position

**Power Rating:**

30.0000 horsepower output

**Thread Size:**

0.625 inches single end

**Taper:**

0.500 per foot in inches single end

**Length Of Shaft From Housing:**

4.625 inches single end

**Shaft Center To Mounting Surface Distance:**

9.000 inches single end

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

15.250 inches

**Temperature Rating:**

50.0 operating degrees celsius and 65.0 ambient degrees celsius

**Rotor Speed Rating In Rpm:**

3600.0 single no load and 3540.0 single full load

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

14.000 inches

**Current Rating In Amps:**

37.400 single input

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

440.0 line to neutral single input

**Shaft End Characteristic:**

A2 first style single end and a29 second style single end

**Phase:**

Three input

**Frequency In Hertz:**

60.0 input

**Test Data Document:**

81349-mil-m-17060 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

**Thread Series Designator:**

Unc single end

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fiig:**

A271a0

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

Mil-std-108 spec.