

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:

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Demilitarization:

No

Fiig:

A271a0

Mil-std (military Standard):

Mil-std-108 spec.