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Prime Mover Quantity:

1

Current Type:

Ac

Media For Which Designed:

Water, fresh

Pump Quantity:

1

Maximum Discharge Flow Rate:

50.0 gallons per minute

Total Head:

127.000 feet

Pumping Element Operating Position:

Horizontal

Centrifugal Pump Impeller Quantity:

1

Prime Mover Type:

Electric motor

Prime Mover Power Rating:

5.0 horsepower

Product Name:

Pump, hot water booster

Voltage In Volts:

440.0

Phase:

Three

Special Features:

Pump size 1.25 x 1-7 close coupled with 1.25in. Suction class 150 flange ansi b16.5, 1in. Discharge class 150 flange ansi b16.5; npsha 75 psi; submergence flooded; suction temperature 110 degrees f; actual shut off head 141.5 ft.; speed (at condition) 3572 rpm; efficiency (at condition) 50.9% rated input 3.15 bhp; max. Rated input at any condition 3.51 bhp; hydrostatic test pressure 100 psi/30 min; impeller finish diameter 5.75in; orifice diameter .75in.; motor continuous duty, constant speed built per mil-m-1760e; speed (sych) 3600 rpm; windings squirrel cage; permissible ambient temperature 50 degrees c; enclosure tefc; bearings ball; frame 213tncz; motor mounting horizontal

Frequency In Hertz:

60.0

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A19400