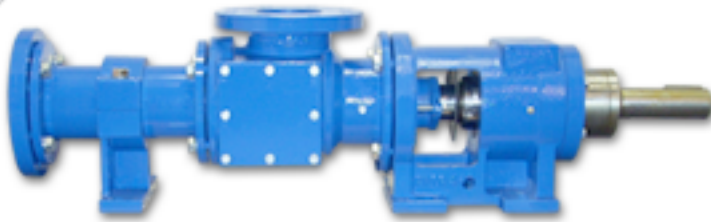


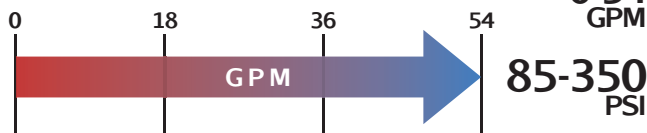


MILLENNIUM SERIES - E012G1L

Progressive Cavity Pump



Millennium E012G1L



Features

- Low Shear
- Solids Handling up to 50%
- Hardened Joints
- Packing or Mechanical Seal
- 3-Stage Options
- Steel or Stainless Steel

Materials

Rotor: Chrome-Plated Tool Steel or Stainless Steel

Stator: Buna Nitrile, Natural Rubber, Viton™, EPDM

Motor: 1 - 5 hp

Inlet: 4"

Outlet: 4" - ANSI Flange

Bases: Steel and Stainless Steel

Pump Description

The Liberty Millennium Series E012G1L Heavy Duty Progressive Cavity Pump is ideal for high viscosity liquids and heavy waste solids and other abrasive pumping applications such as polymer feed in water treatment facilities. The E012G1L's flow rate of 12 gallons/100 revolutions @ 0 to 54 GPM coupled to its high temperature resistance of up to 350° degrees Fahrenheit makes it an ideal solution for your industrial heavy-duty pumping needs.

The E012G1L is a standard ANSI flanged pump design manufactured with high strength cast iron or 316 Stainless Steel pump casings and designed in 1, 2 and up to 4 stages for 85, 170, 350 psi discharge pressures making it an ideal low-cost, maintenance free drop-in replacement pump. Standard suction and discharge flange size for the E012G1L is 4".

The Millennium Series low shear and gentle pumping action enables it to pump delicate fluids and not emulsify the liquid making it an ideal polymer pump or oil/water separation pump. Solids handling capability of up to 50% by weight allows even the toughest application to be pumped. The Millennium's modular design comes with a positively sealed, hardened gear joint assembly, hardened tool steel rotors or stainless steel rotors both with hard chrome plating for long-life pumping and a wide selection of stators in Buna Nitrile, Viton, EPDM and Natural Rubber.

All other wetted parts are either carbon steel or 316 stainless steel. The standard seal design is a set of packing with a Lantern Ring and flush connectors. Mechanical seal options are readily available.

Contact a Liberty Process Equipment Representative today for more information about the Millennium E012G1L Series of Progressive Cavity Pumps for polymer feed in waste treatment.



Curves

[Click Links Below](#)

1-Stage
1E012G1L

2-Stage
2E012G1L

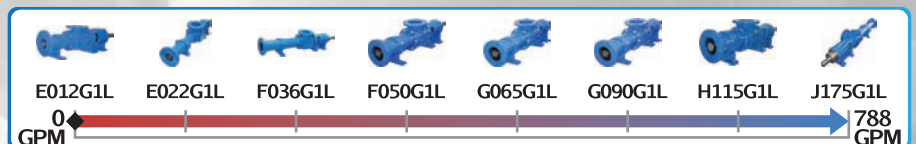


Drawings

[Click Links Below](#)

1-Stage
1E012G1L

2-Stage
2E012G1L



P: 847.640.7867 F: 847.640.7855
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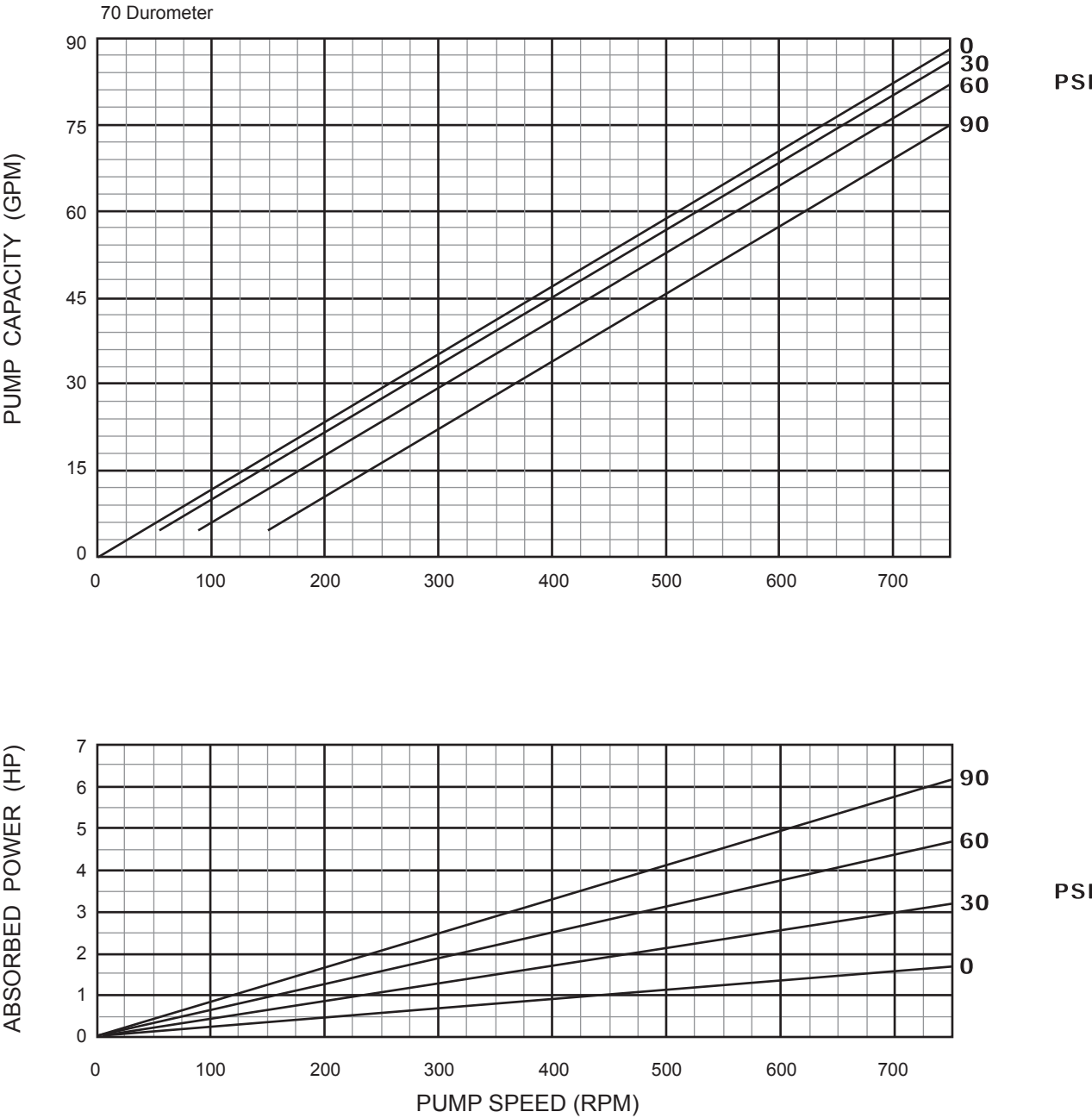
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MILLENNIUM SERIES - 1E012G1L

Progressive Cavity Pump

Performance Curves



1 Stage Pump

70 Durometer (Performance based on water)

[BACK TO TOP](#)

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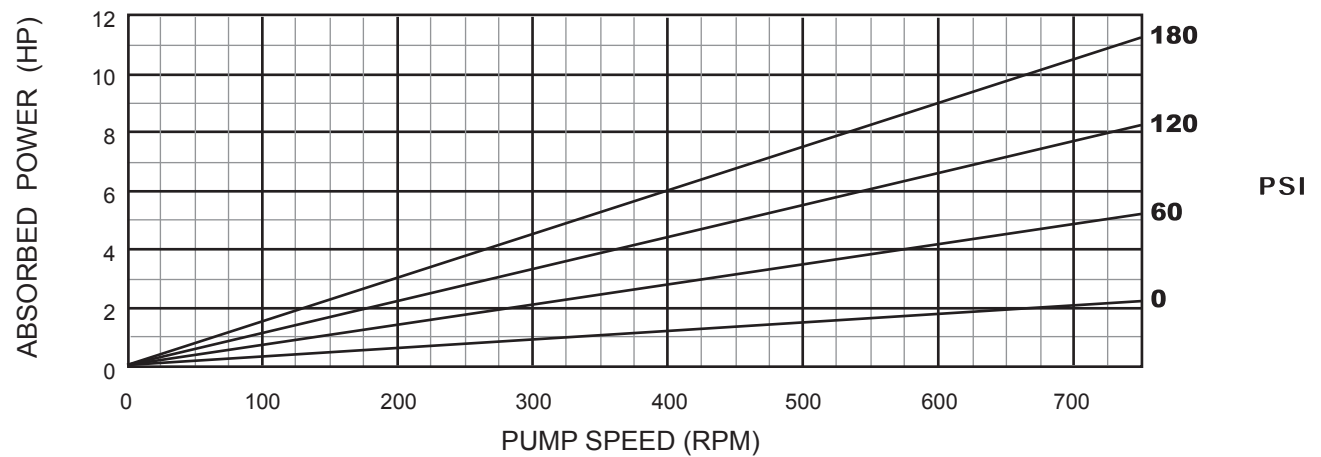
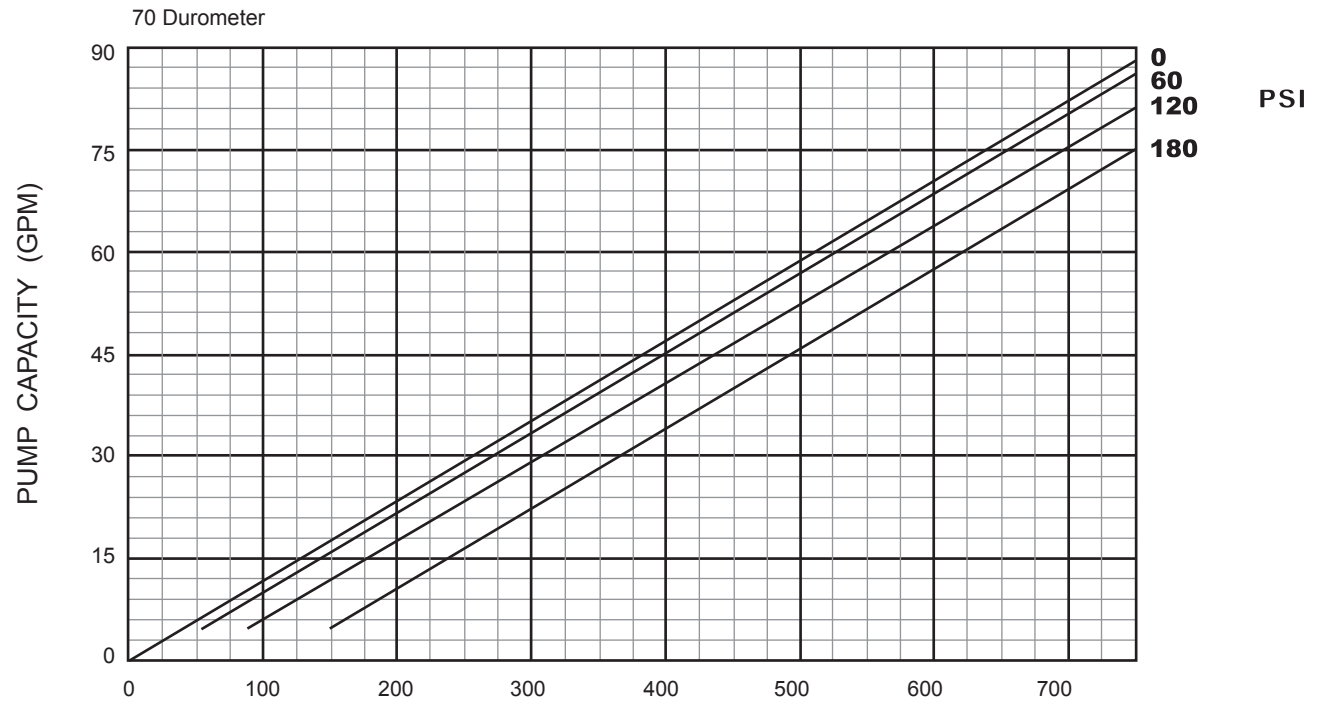
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MILLENNIUM SERIES - 2E012G1L

Progressive Cavity Pump

Performance Curves



2 Stage Pump

70 Durometer (Performance based on water)

[BACK TO TOP](#)

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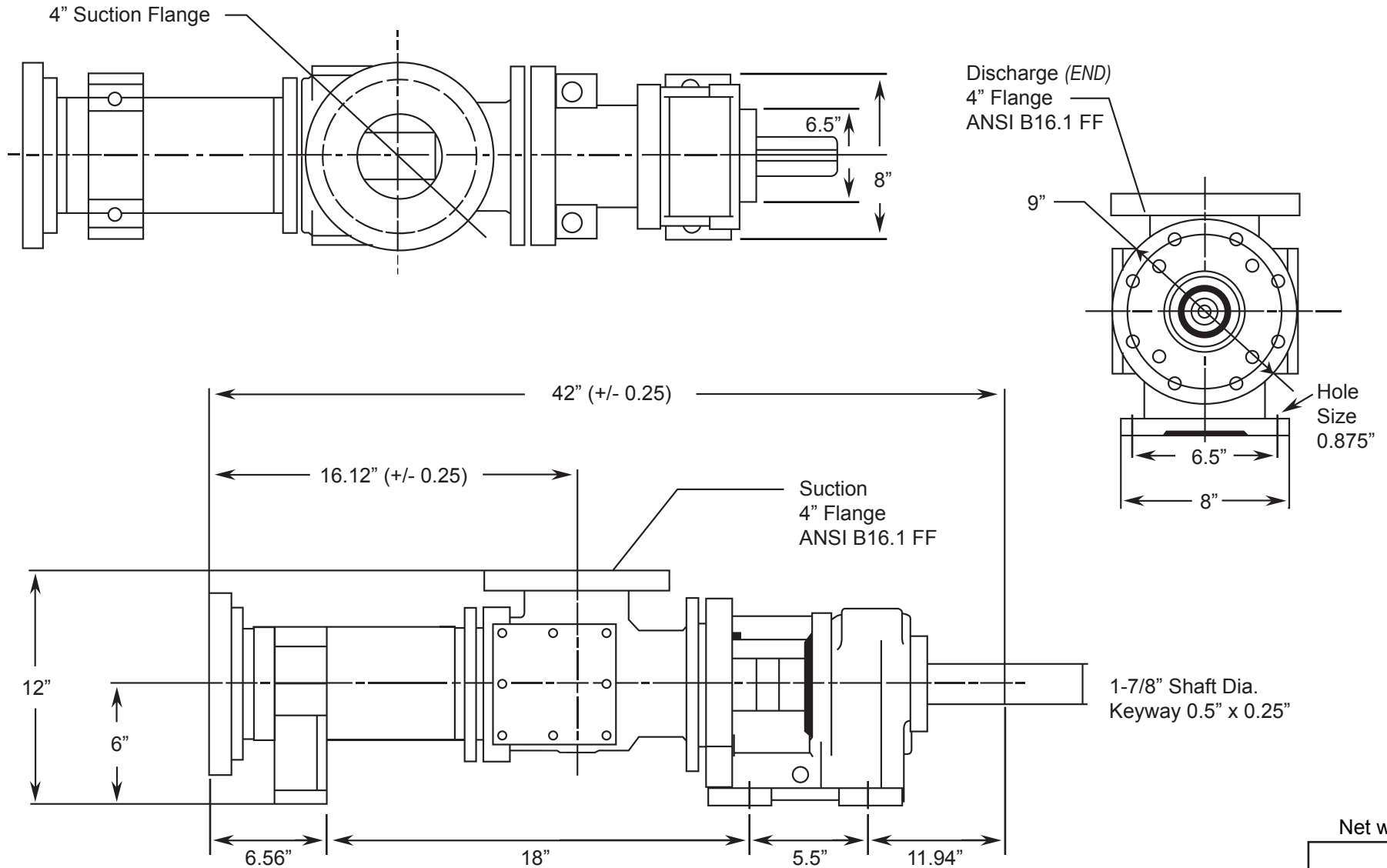
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MILLENNIUM SERIES - 1E012G1L

Progressive Cavity Pump

Dimensional Drawings



BACK TO TOP

(Pump Rotation is Counter Clockwise) ALL DIMN: Inches

Net weight

≈ lbs.

360

1 Stage Pump

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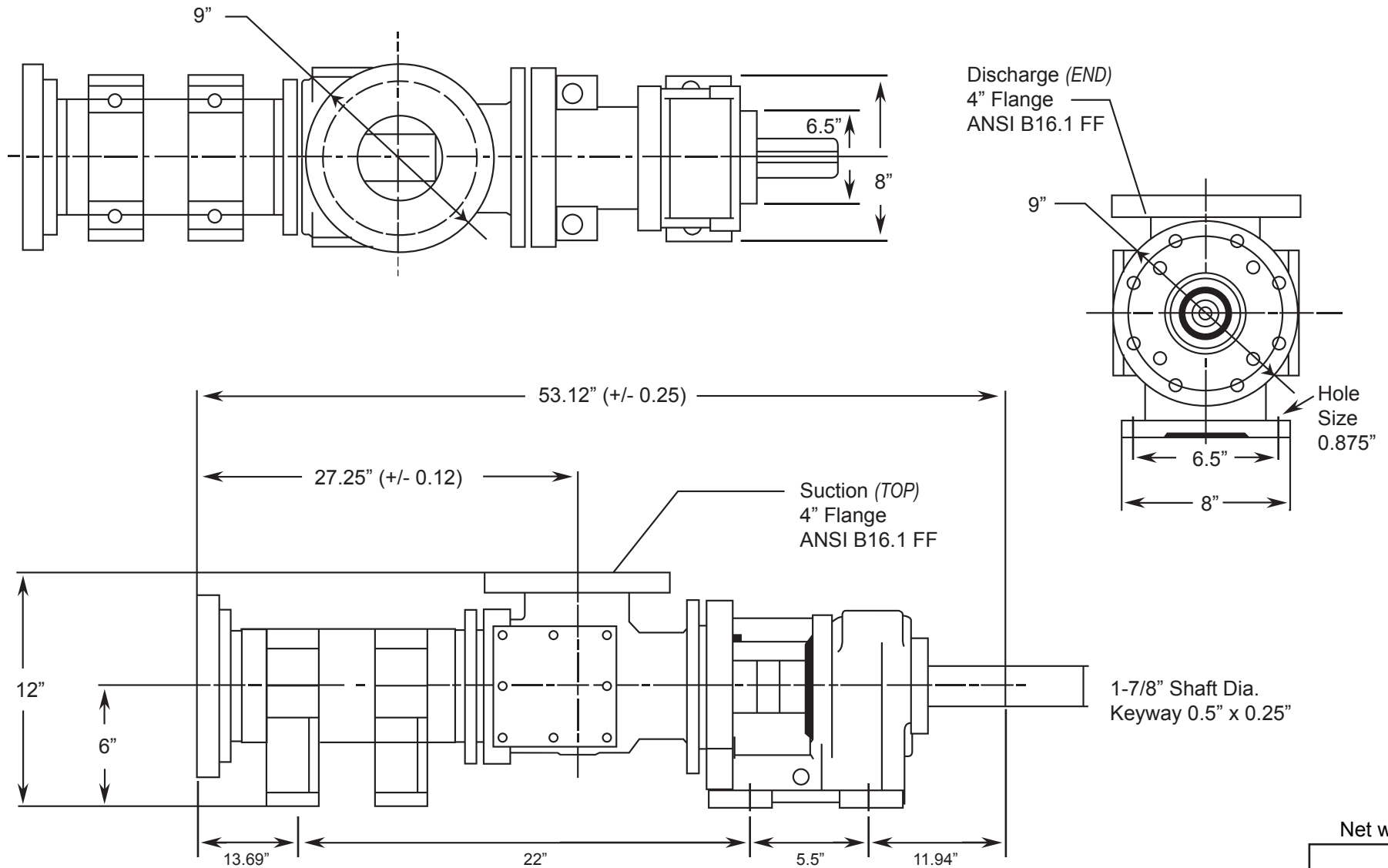
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MILLENNIUM SERIES - 2E012G1L

Progressive Cavity Pump

Dimensional Drawings



BACK TO TOP

(Pump Rotation is Counter Clockwise) ALL DIMN: Inches

Net weight

≈ lbs.

390

2 Stage Pump

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