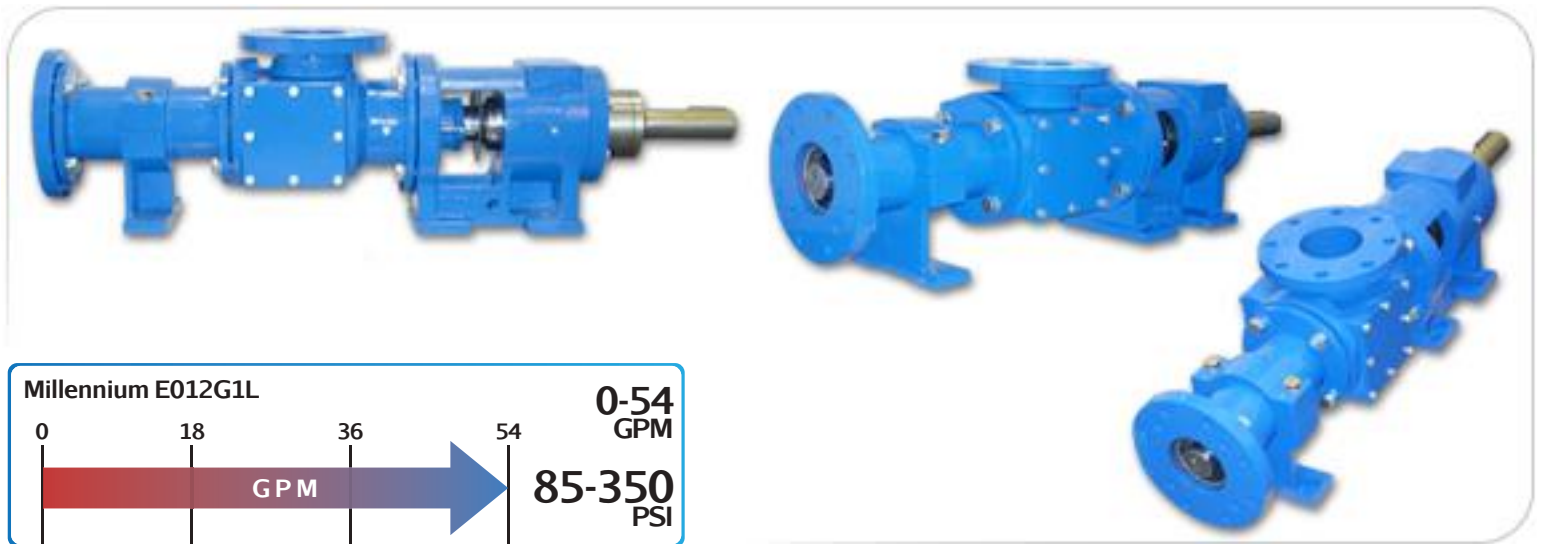


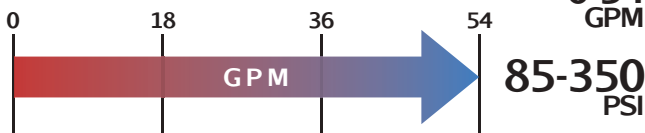


MILLENNIUM SERIES - E012G1L

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

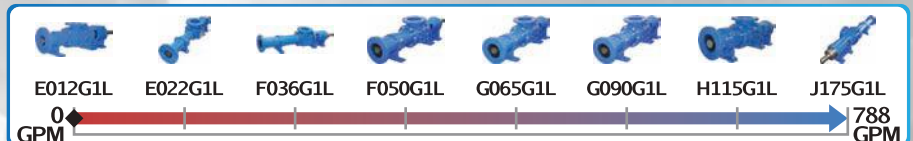
2-Stage
2E012G1L

Drawings

Click Links Below

1-Stage
1E012G1L

2-Stage
2E012G1L



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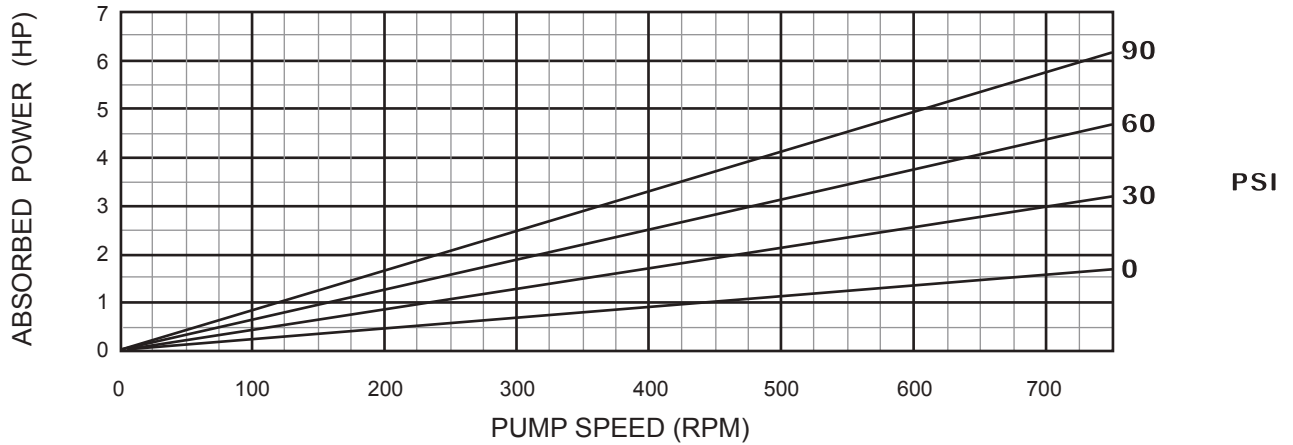
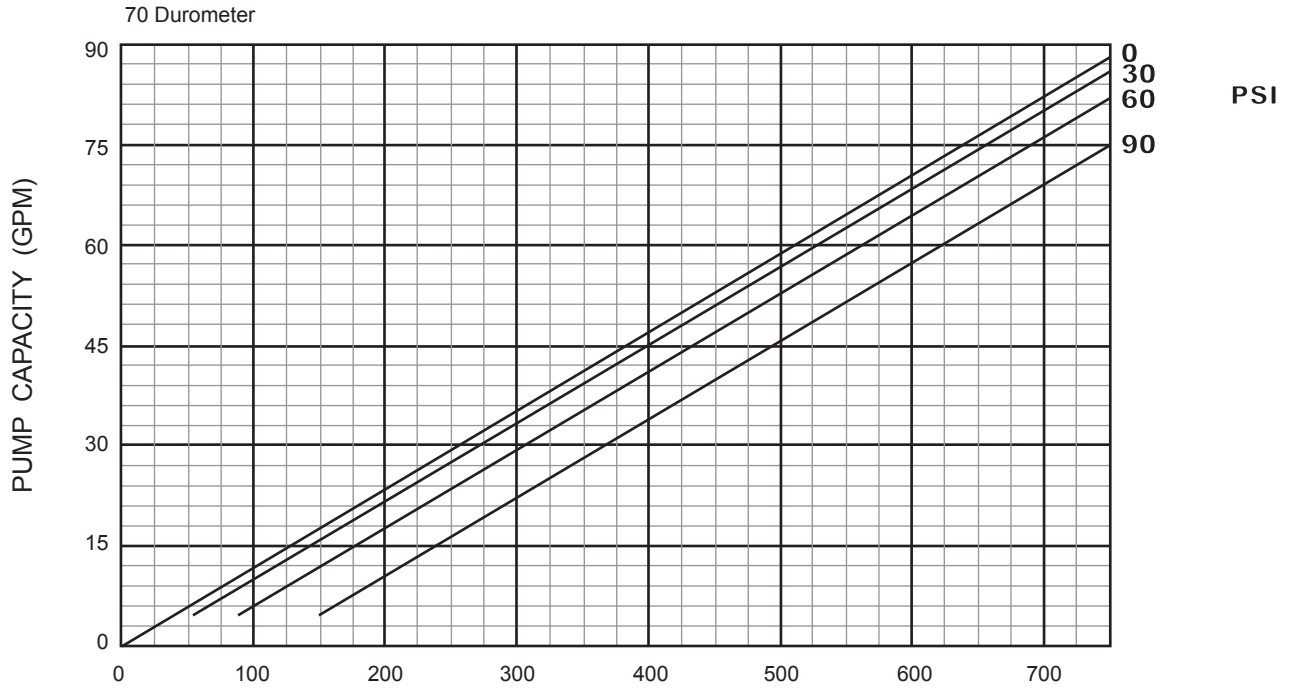
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MILLENNIUM SERIES - 1E012G1L

Progressive Cavity Pump

Performance Curves



1 Stage Pump

70 Durometer (Performance based on water)

[BACK TO TOP](#)

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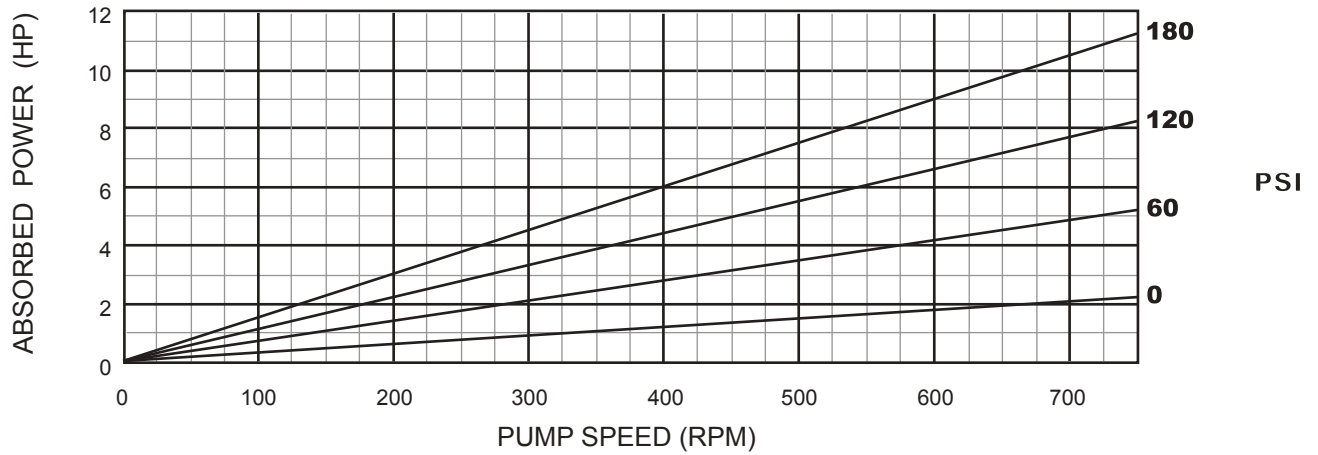
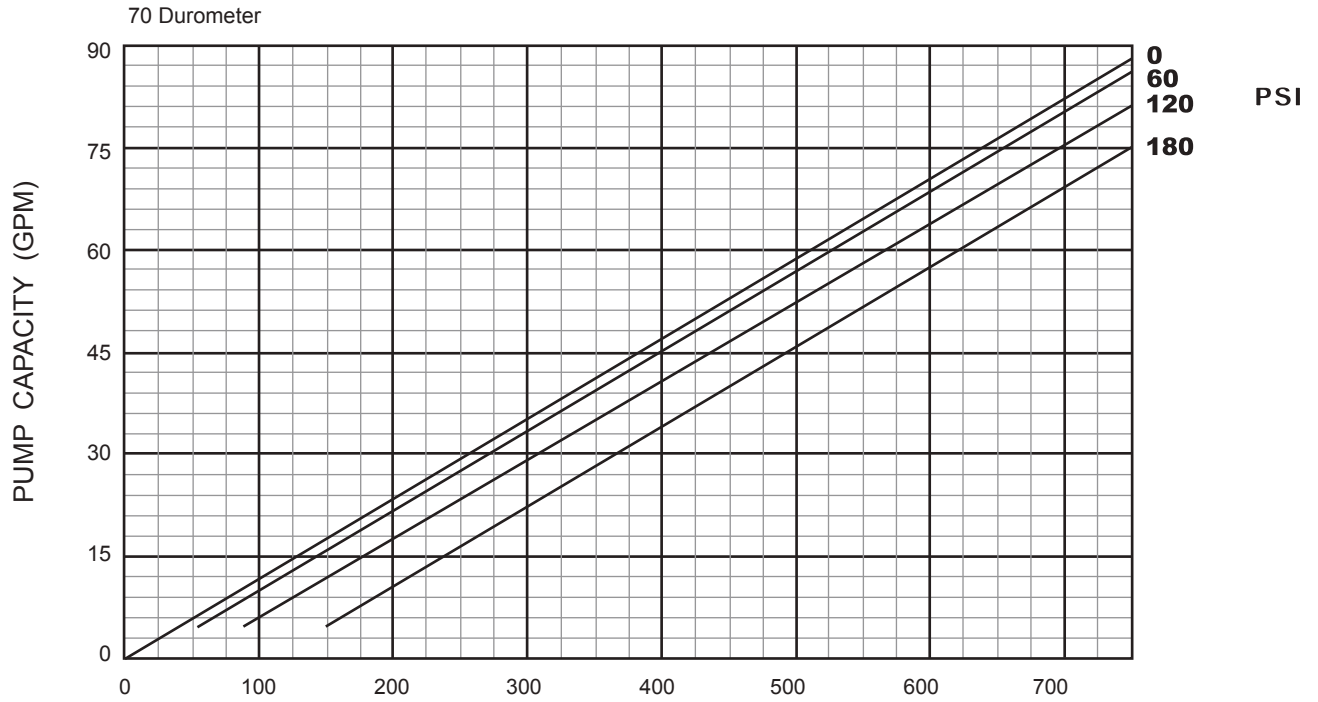
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MILLENNIUM SERIES - 2E012GIL

Progressive Cavity Pump

Performance Curves



2 Stage Pump

70 Durometer (Performance based on water)

[BACK TO TOP](#)

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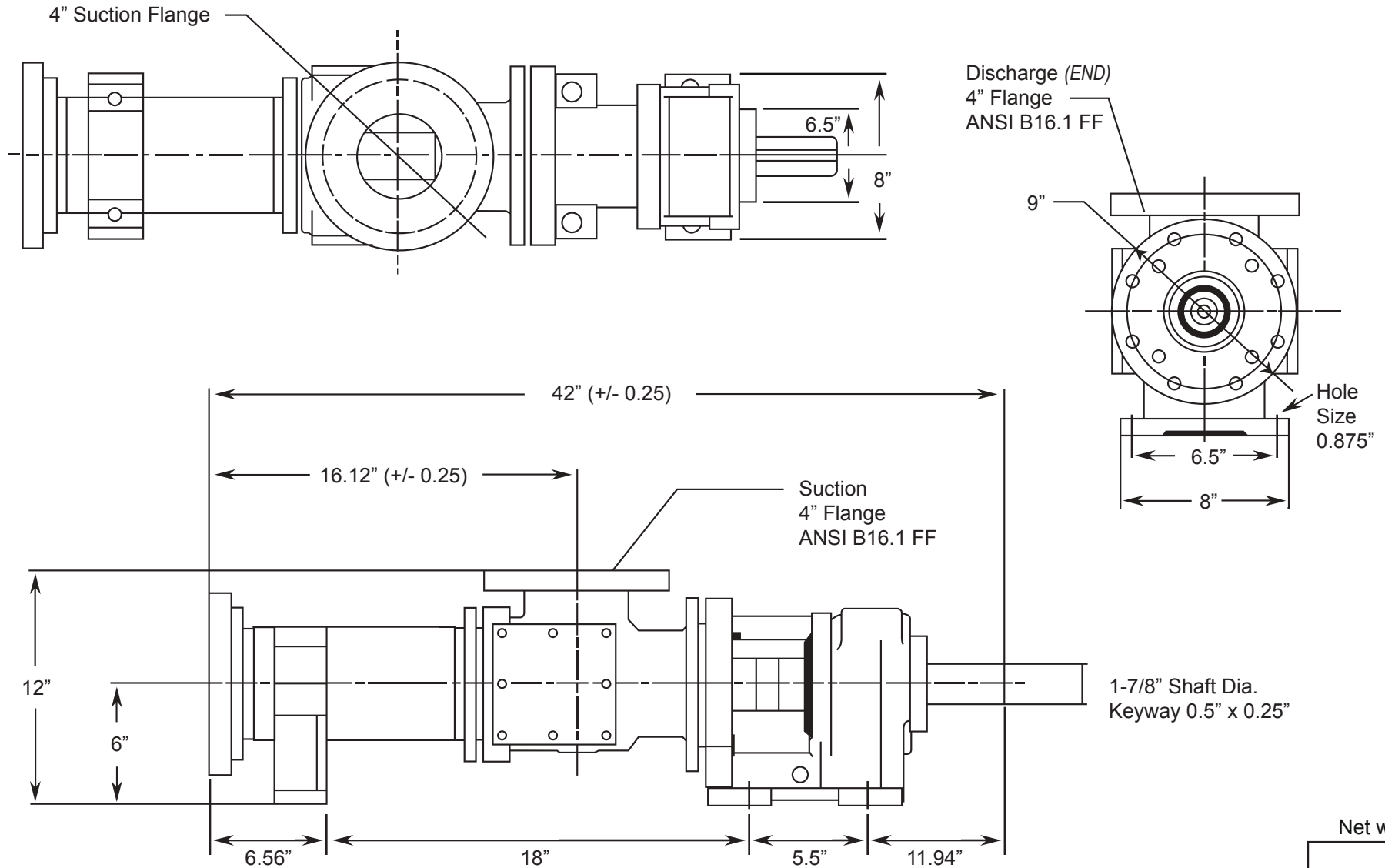
www.libertyprocess.com



MILLENNIUM SERIES - 1E012GIL

Progressive Cavity Pump

Dimensional Drawings



Net weight

≈ lbs.

360

(Pump Rotation is Counter Clockwise) ALL DIMN: Inches

BACK TO TOP

1 Stage Pump

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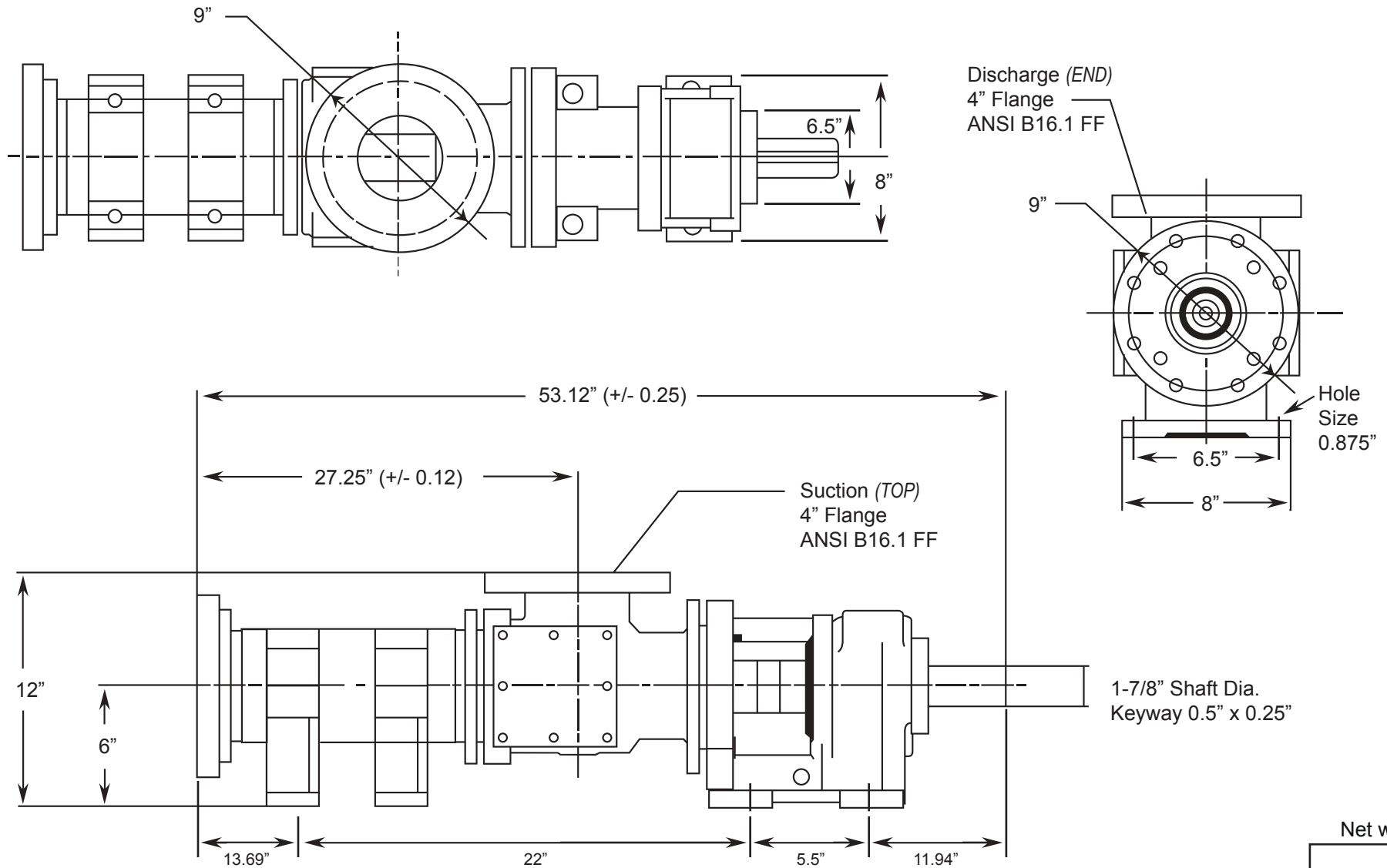
www.libertyprocess.com



MILLENNIUM SERIES - 2E012GIL

Progressive Cavity Pump

Dimensional Drawings



BACK TO TOP

(Pump Rotation is Counter Clockwise) ALL DIMN: Inches

Net weight
≈ lbs.
390

2 Stage Pump

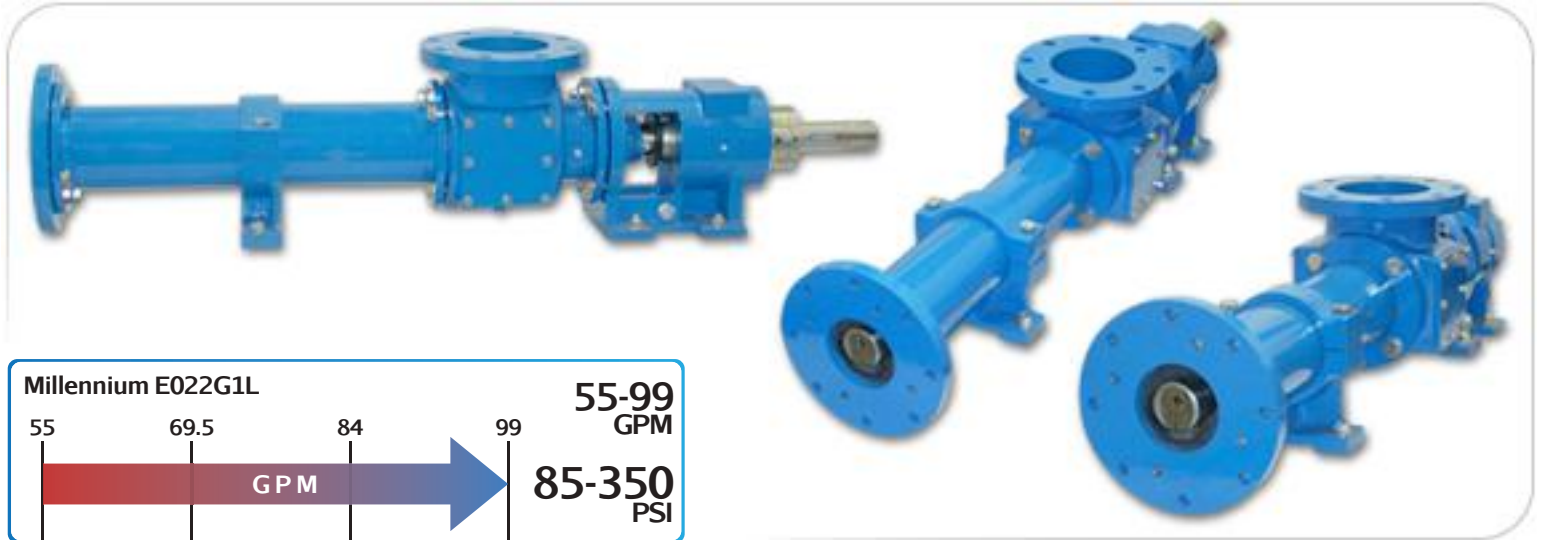
P: 847.640.7867 F: 847.640.7855
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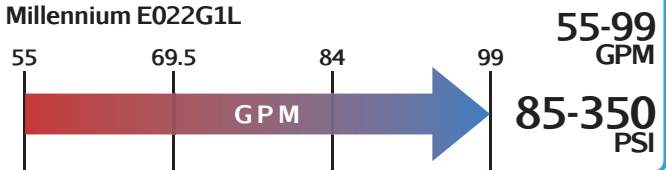


MILLENNIUM SERIES - E022G1L

Progressive Cavity Pump



Millennium E022G1L



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: 1-1/2 - 10 hp

Inlet: 6"

Outlet: 6" - ANSI Flange

Bases: Steel and Stainless Steel

Pump Description

The Liberty Millennium Series E022G1L Heavy Duty Progressive Cavity Pump is ideal for high viscosity liquids and heavy waste solids and other abrasive pumping applications such as blood and waste in poultry processing facilities. The E022G1L's flow rate of 22 gallons/100 revolutions @ 55 to 99 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 E022G1L 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 E022G1L is 6".

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 E022G1L Series of Progressive Cavity Pumps for blood and waste in poultry processing plants.



Curves

Click Links Below

1-Stage
1E022G1L

2-Stage
2E022G1L

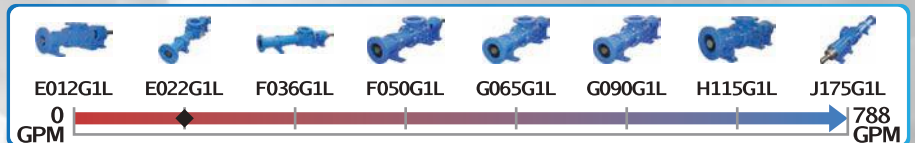


Drawings

Click Links Below

1-Stage
1E022G1L

2-Stage
2E022G1L



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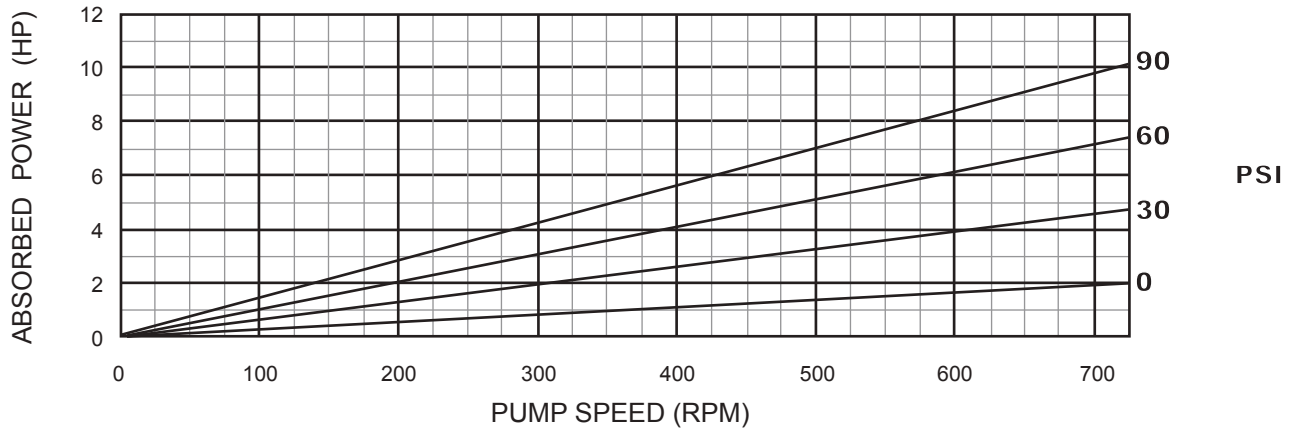
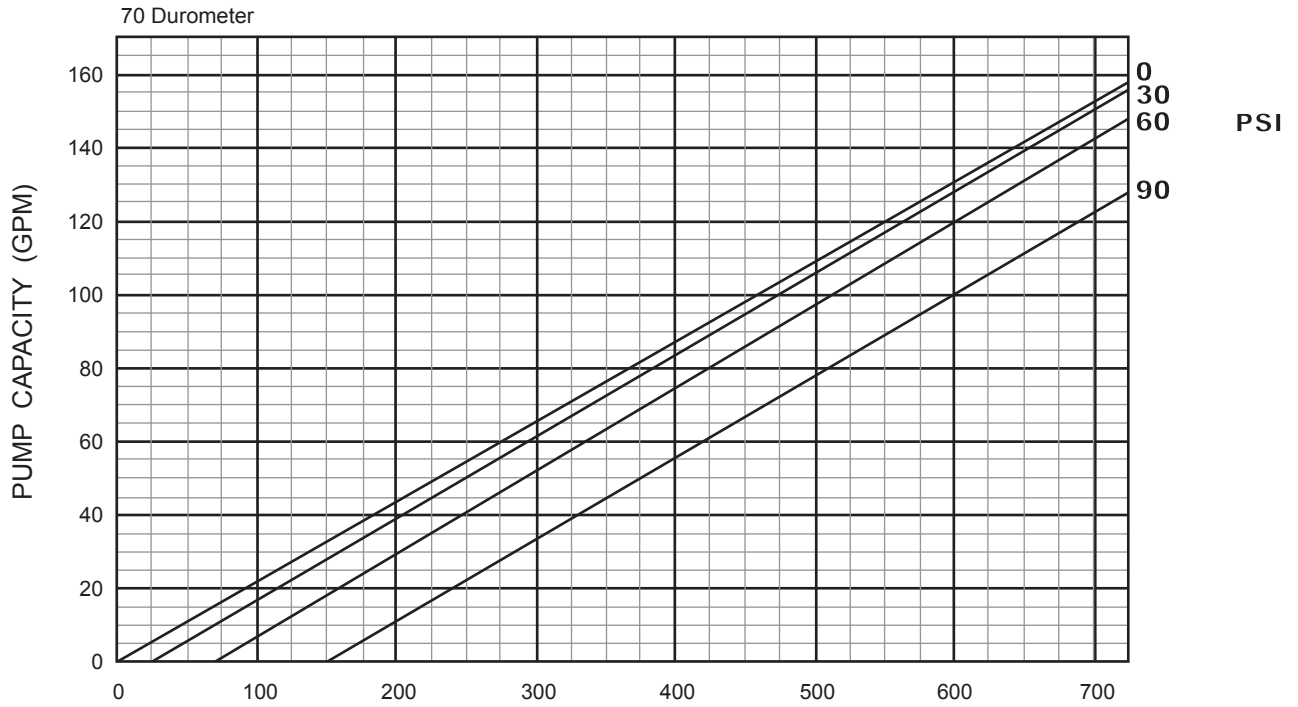
www.libertyprocess.com



MILLENNIUM SERIES - 1E022G1L

Progressive Cavity Pump

Performance Curves



1 Stage Pump

70 Durometer (Performance based on water)

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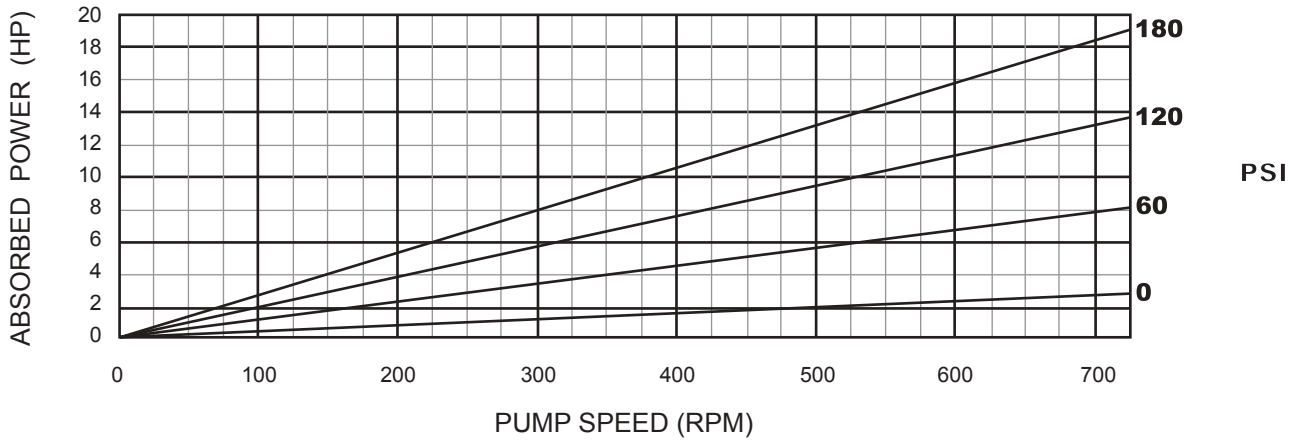
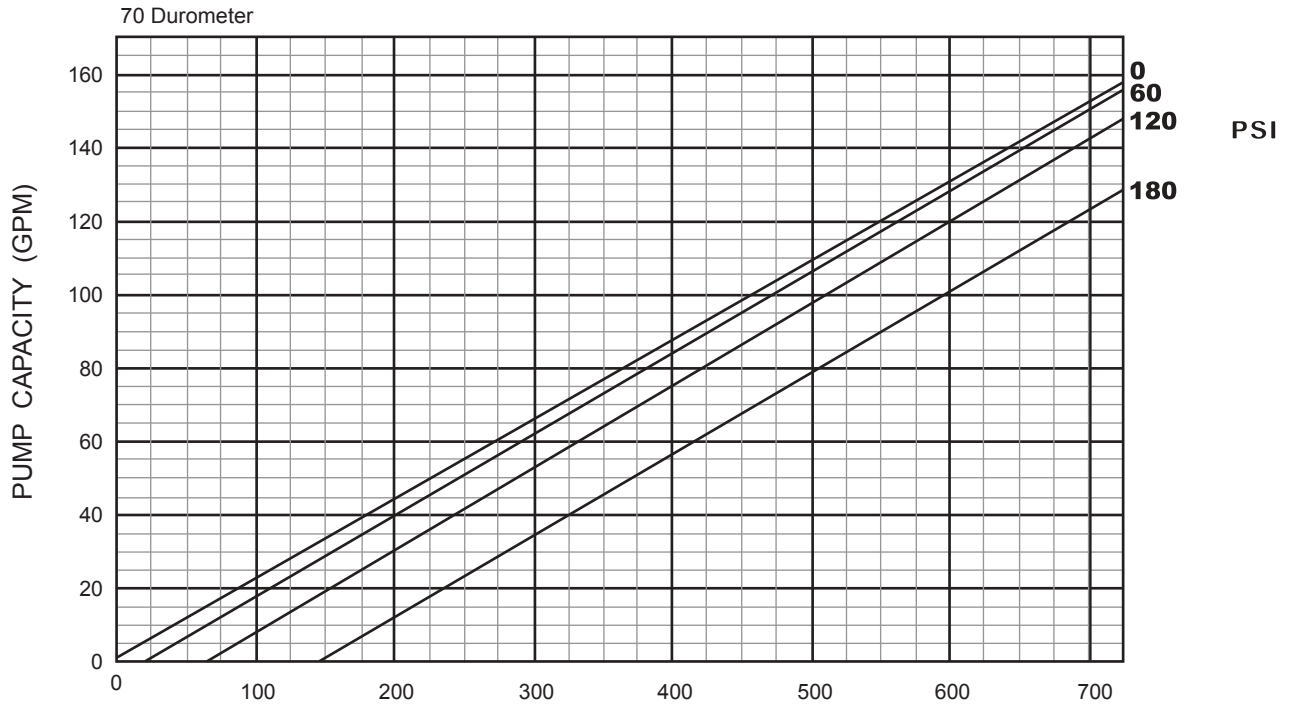
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MILLENNIUM SERIES - 2E022GIL

Progressive Cavity Pump

Performance Curves



2 Stage Pump

70 Durometer (Performance based on water)

[BACK TO TOP](#)

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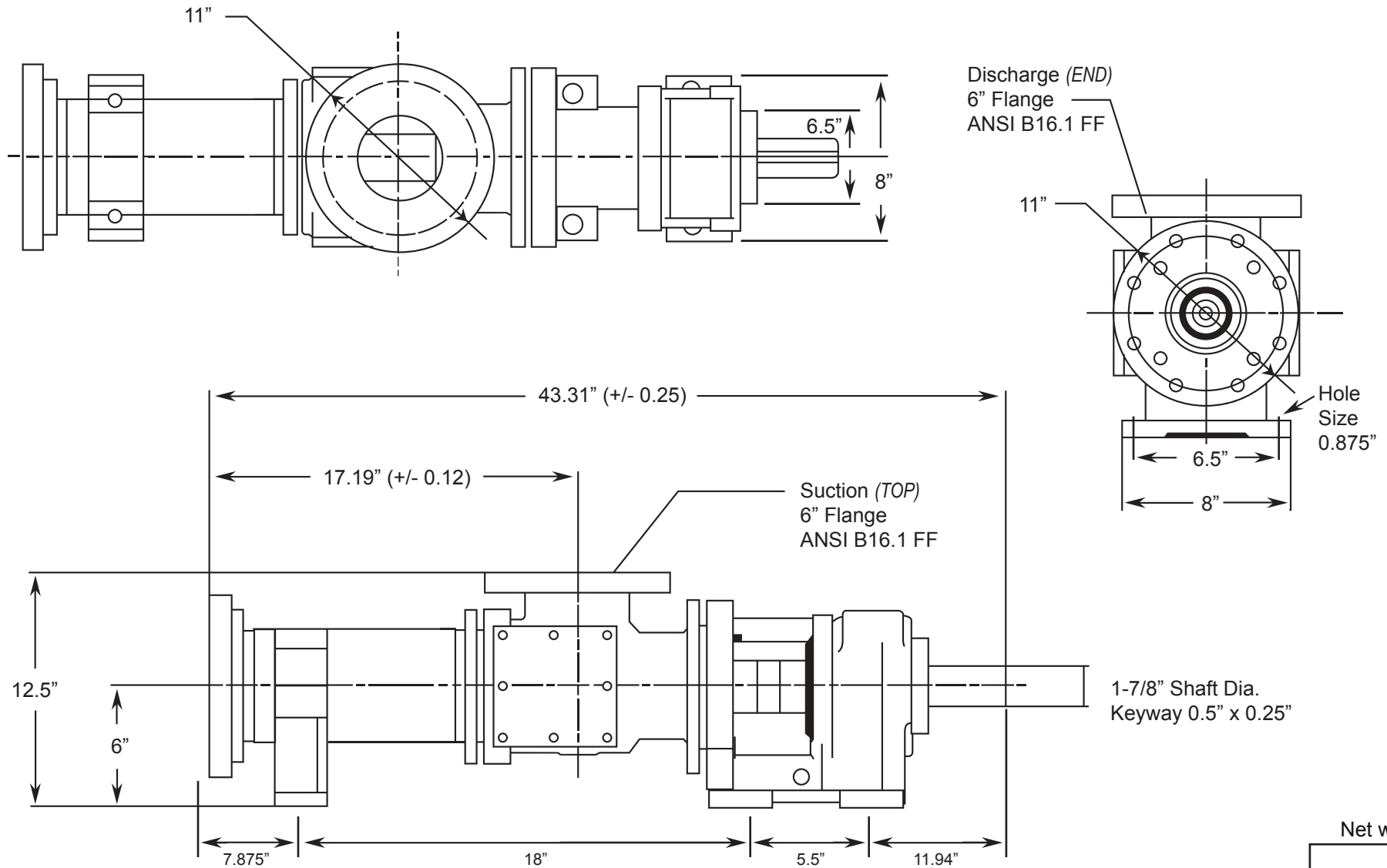
www.libertyprocess.com



MILLENNIUM SERIES - 1E022GIL

Progressive Cavity Pump

Dimensional Drawings



Net weight

≈ lbs.

440

(Pump Rotation is Counter Clockwise) ALL DIMN: Inches

BACK TO TOP

1 Stage Pump

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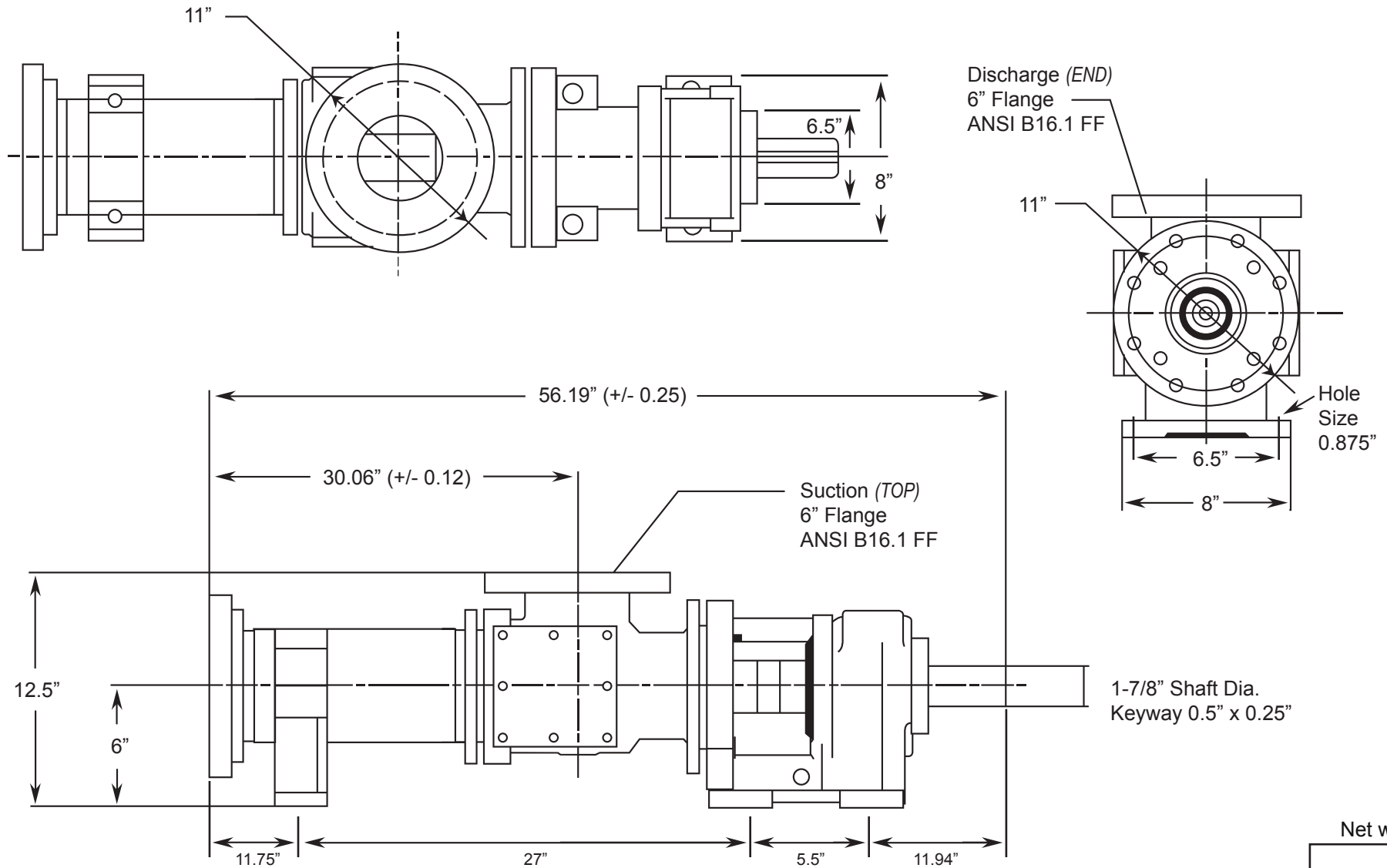
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MILLENNIUM SERIES - 2E022GIL

Progressive Cavity Pump

Dimensional Drawings



BACK TO TOP

(Pump Rotation is Counter Clockwise) ALL DIMN: Inches

Net weight

≈ lbs.

520

2 Stage Pump

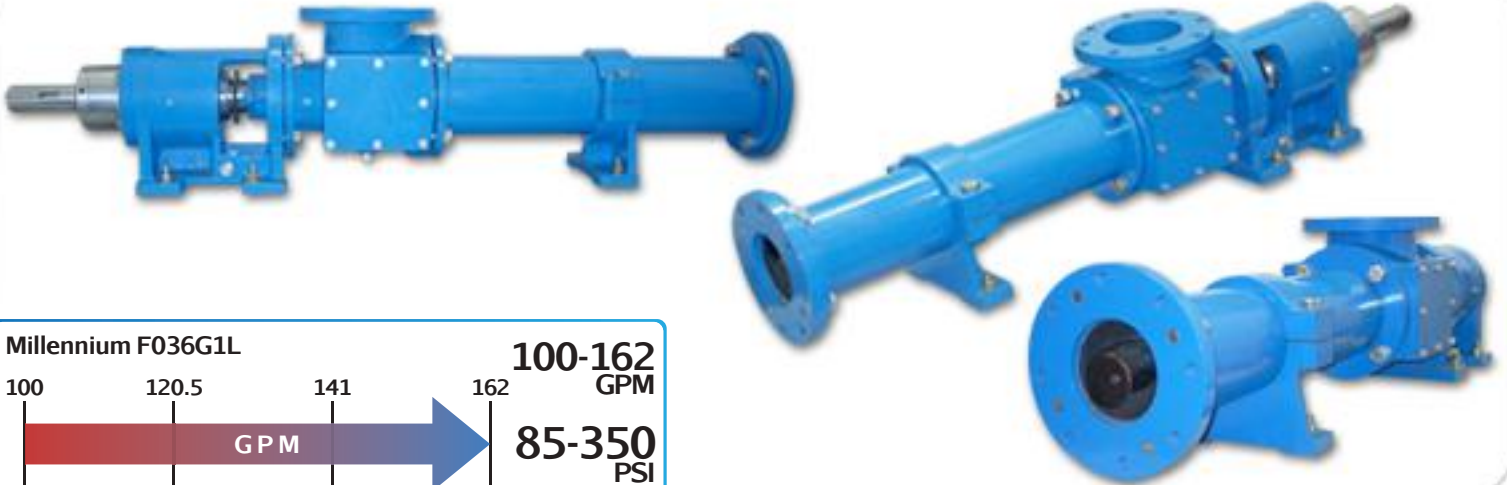
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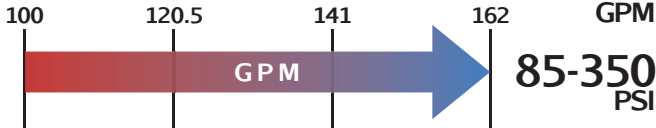


MILLENNIUM SERIES - F036G1L

Progressive Cavity Pump



Millennium F036G1L



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: 3 - 25 hp

Inlet: 6"

Outlet: 6" - ANSI Flange

Bases: Steel and Stainless Steel

Pump Description

The Liberty Millennium Series F036G1L Heavy Duty Progressive Cavity Pump is ideal for high viscosity liquids and heavy waste solids and other abrasive pumping applications such as heavy oils movement and transfer in oil refineries. The F036G1L's flow rate of 36 gallons/100 revolutions @ 100 to 162 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 F036G1L 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, and 350 psi discharge pressures making it an ideal low-cost, maintenance free drop-in replacement pump. Standard suction and discharge flange size for the F036G1L is 6".

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 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 F036G1L Series of Progressive Cavity Pumps for heavy oils movement and transfer in refineries.

Curves

Click Links Below

1-Stage
1F036G1L

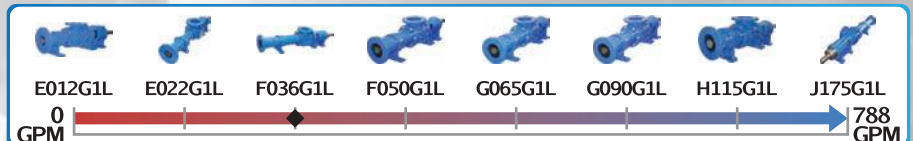
2-Stage
2F036G1L

Drawings

Click Links Below

1-Stage
1F036G1L

2-Stage
2F036G1L



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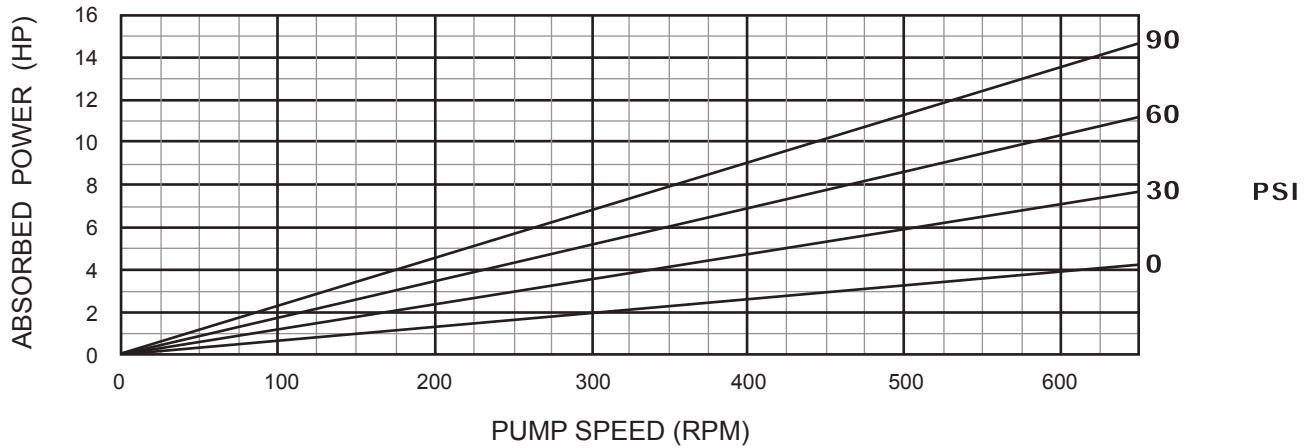
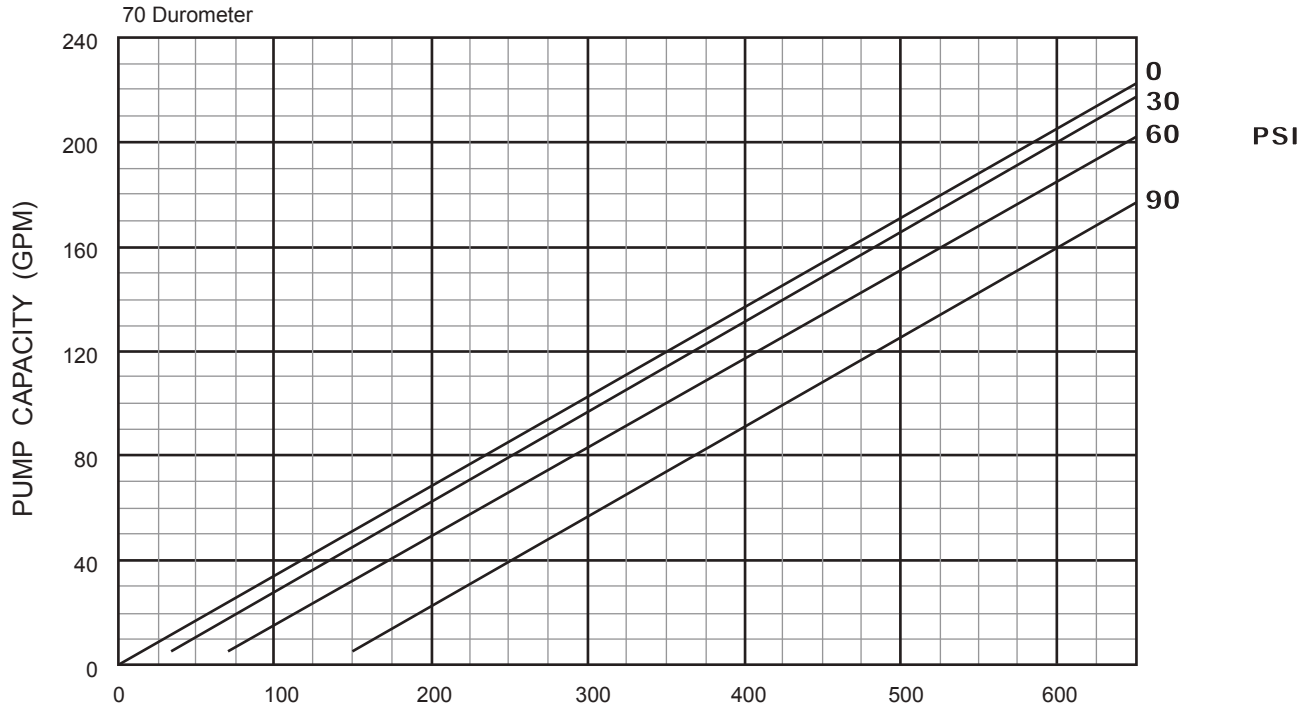
www.libertyprocess.com



MILLENNIUM SERIES - 1F036G1L

Progressive Cavity Pump

Performance Curves



1 Stage Pump

70 Durometer (Performance based on water)

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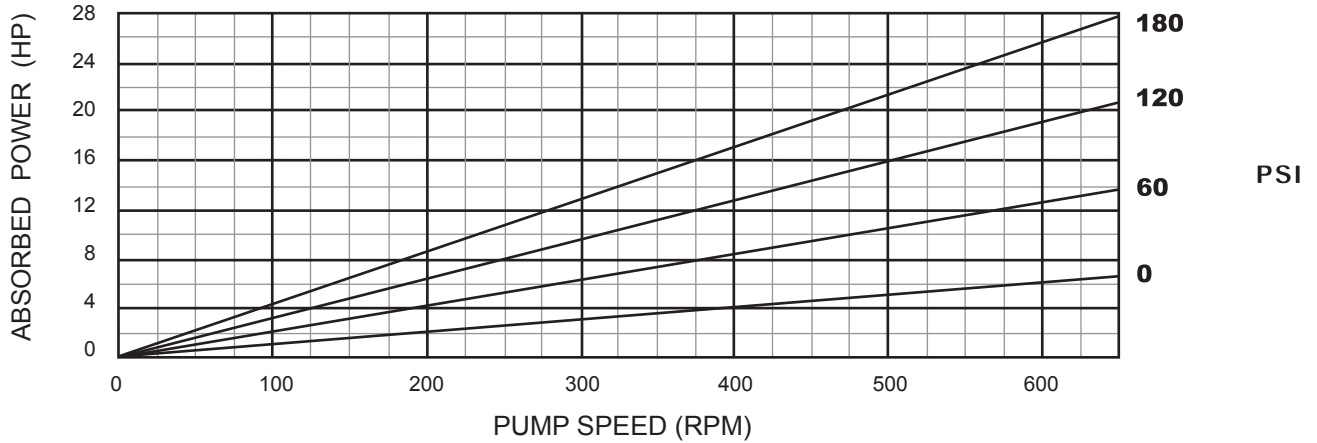
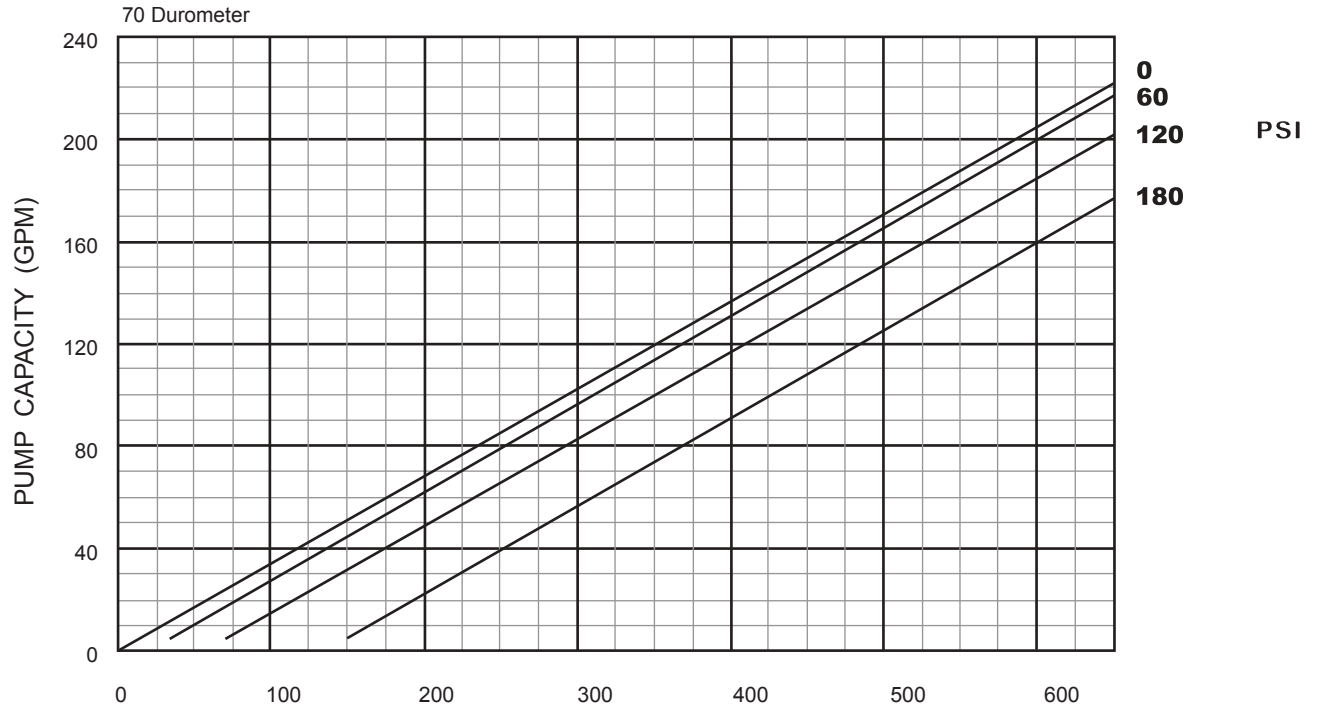
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MILLENNIUM SERIES - 2F036G1L

Progressive Cavity Pump

Performance Curves



2 Stage Pump

70 Durometer (Performance based on water)

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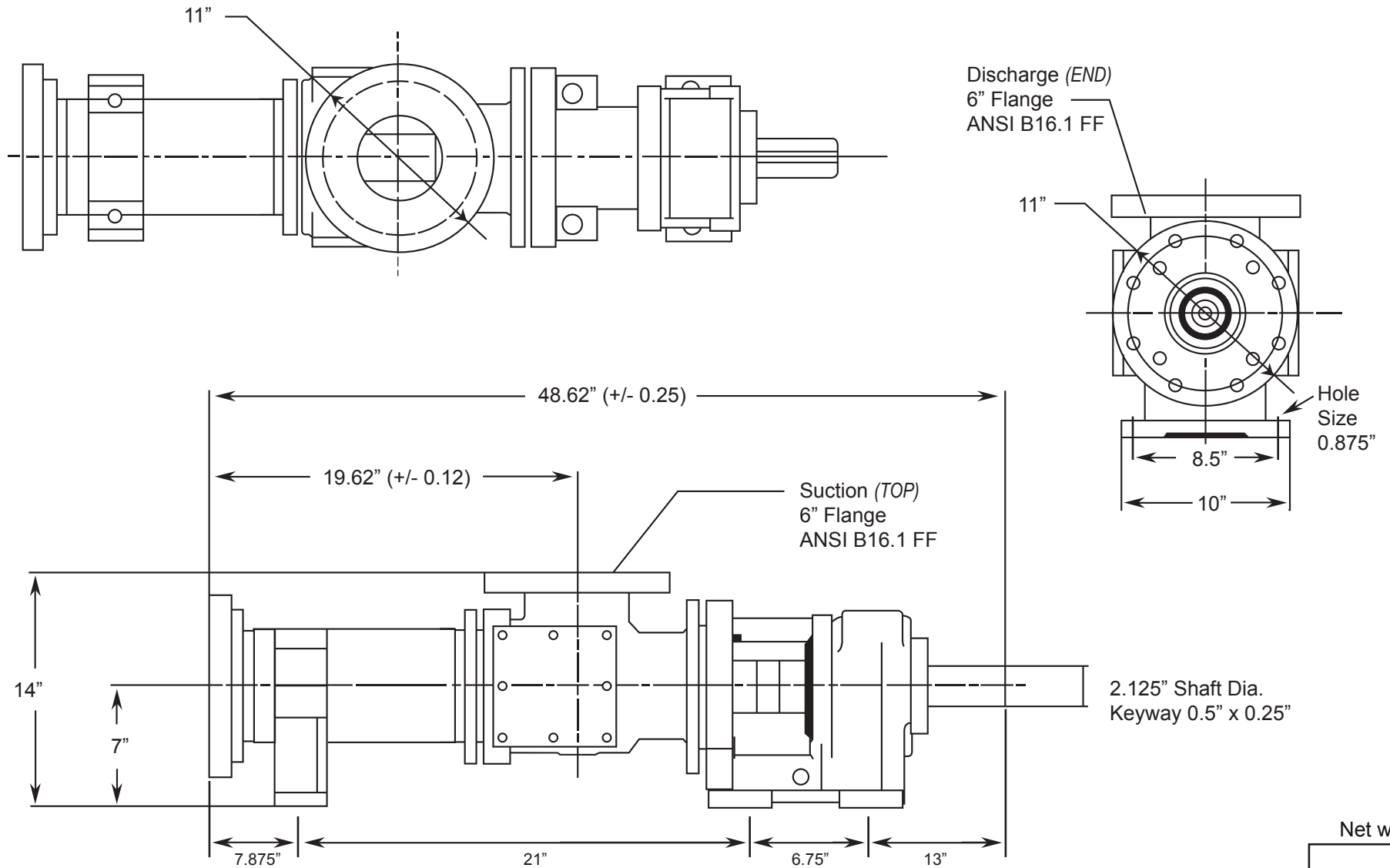
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MILLENNIUM SERIES - IFO36GIL

Progressive Cavity Pump

Dimensional Drawings



Net weight

≈ lbs.

565

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(Pump Rotation is Counter Clockwise) ALL DIMN: Inches

1 Stage Pump

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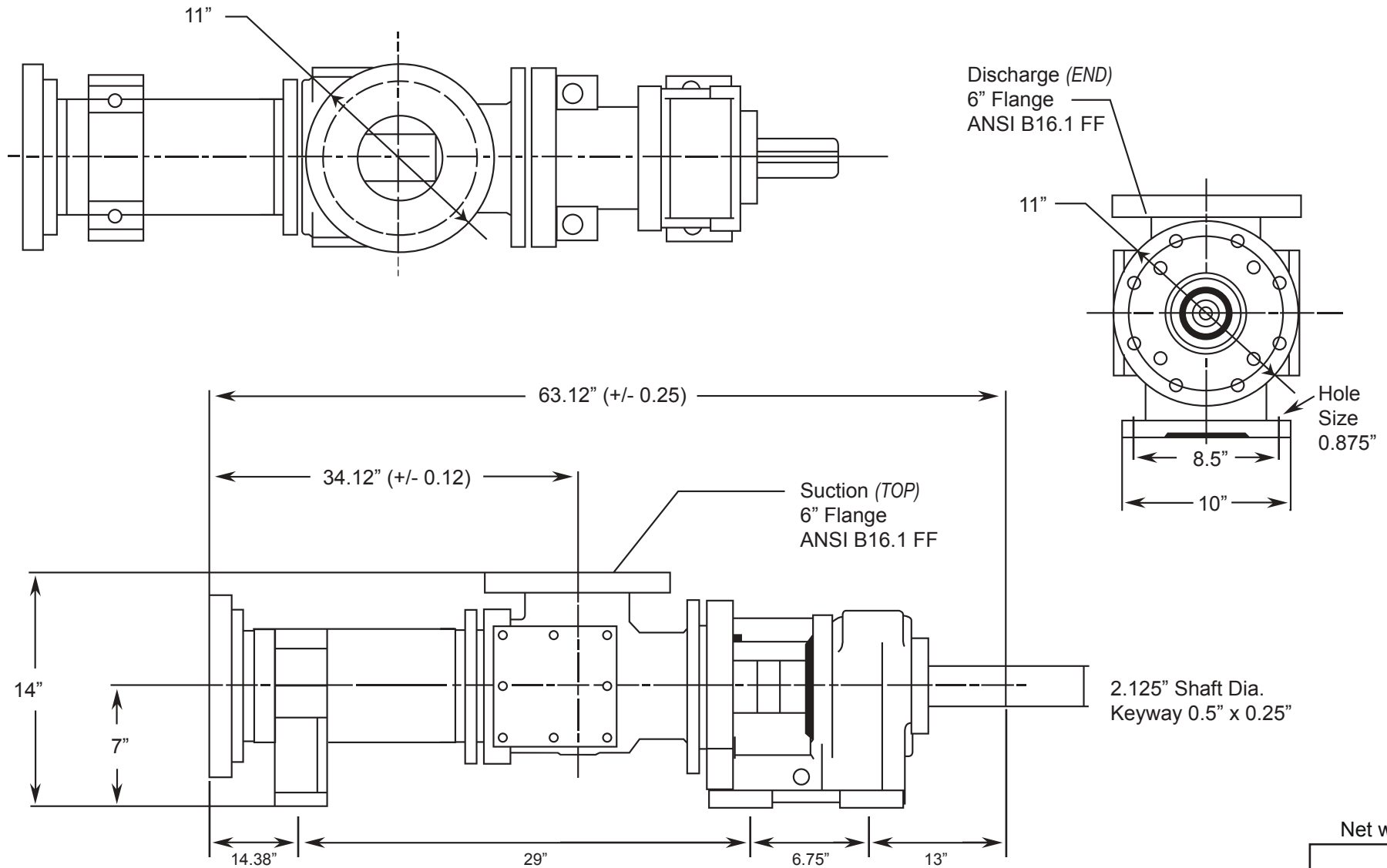
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MILLENNIUM SERIES - 2F036GIL

Progressive Cavity Pump

Dimensional Drawings



Net weight

≈ lbs.

715

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(Pump Rotation is Counter Clockwise) ALL DIMN: Inches

2 Stage Pump

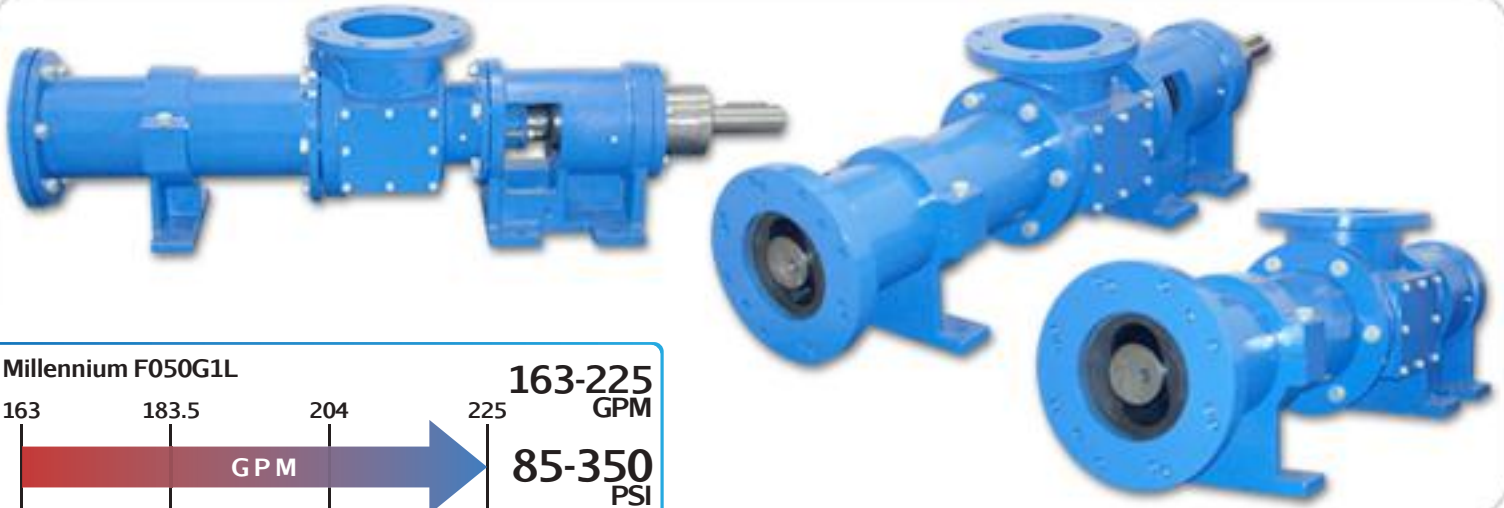
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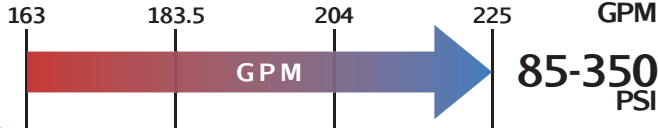


MILLENNIUM SERIES - F050G1L

Progressive Cavity Pump



Millennium F050G1L



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: 3 - 25 hp

Inlet: 6"

Outlet: 6" - ANSI Flange

Bases: Steel and Stainless Steel

Pump Description

The Liberty Millennium Series F050G1L Heavy Duty Progressive Cavity Pump is ideal for high viscosity liquids and heavy waste solids and other abrasive pumping applications such polymer feed in water treatment facilities. The F050G1L's flow rate of 50 gallons/100 revolutions @ 163 to 225 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 F050G1L 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, and 350 psi discharge pressures making it an ideal low-cost, maintenance free drop-in replacement pump. Standard suction and discharge flange size for the F050G1L is 6".

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 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 F050G1L Series of Progressive Cavity Pumps for Waste Solids.

Curves

Click Links Below

1-Stage
1F050G1L

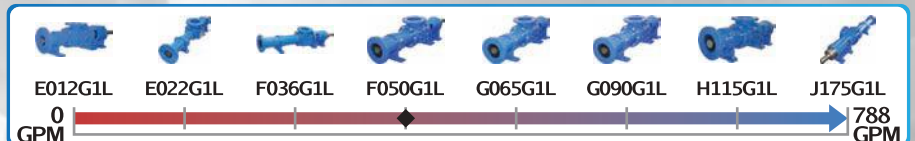
2-Stage
2F050G1L

Drawings

Click Links Below

1-Stage
1F050G1L

2-Stage
2F050G1L



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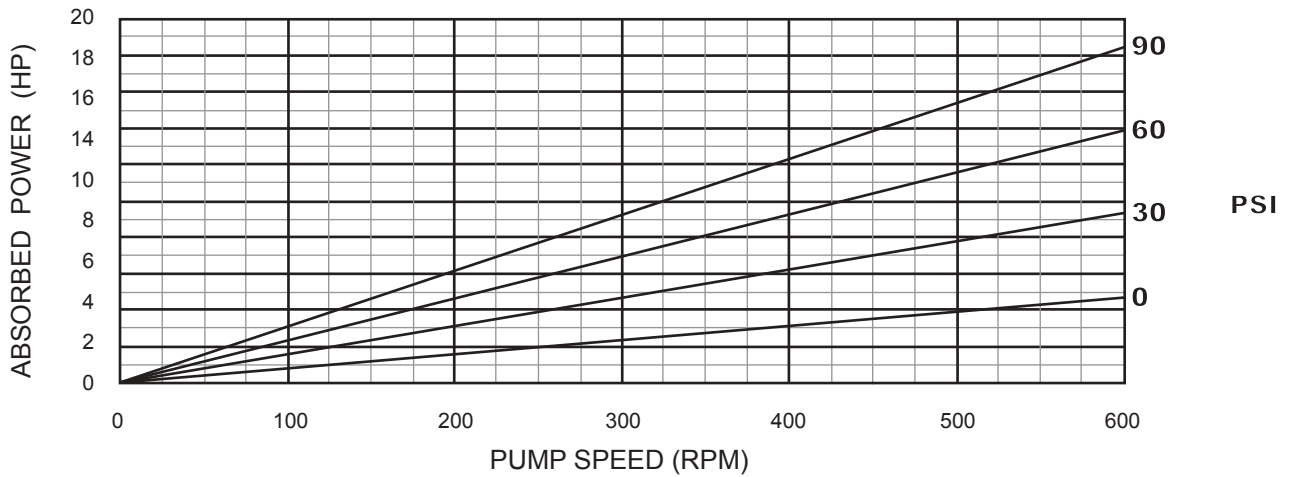
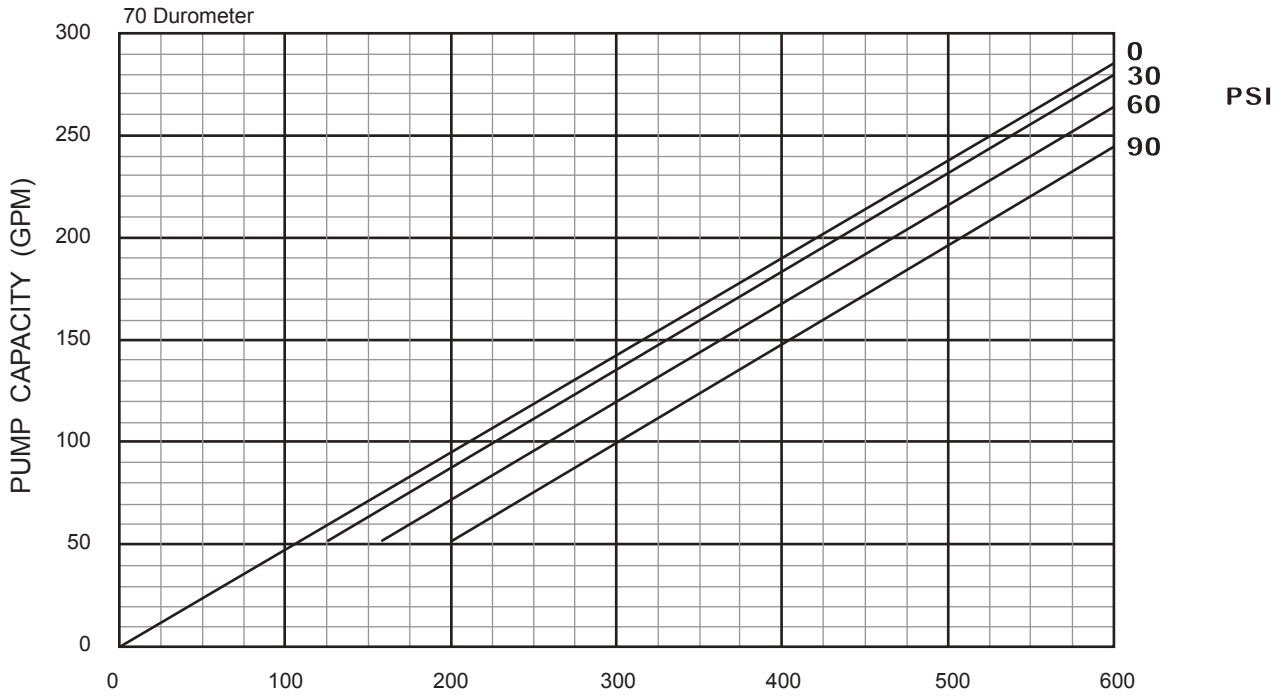
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MILLENNIUM SERIES - 1F050G1L

Progressive Cavity Pump

Performance Curves



1 Stage Pump

70 Durometer (Performance based on water)

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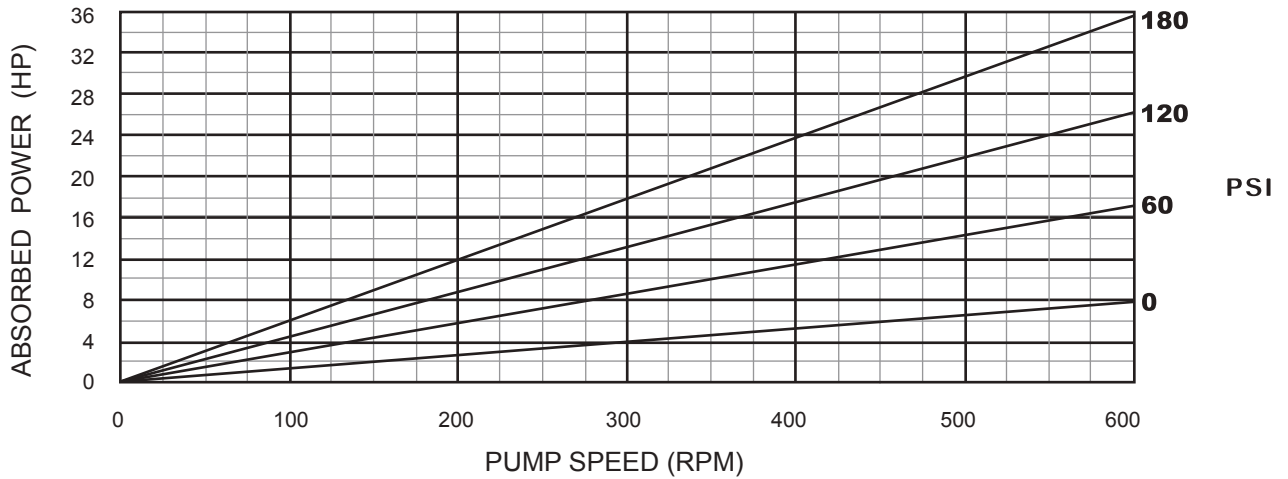
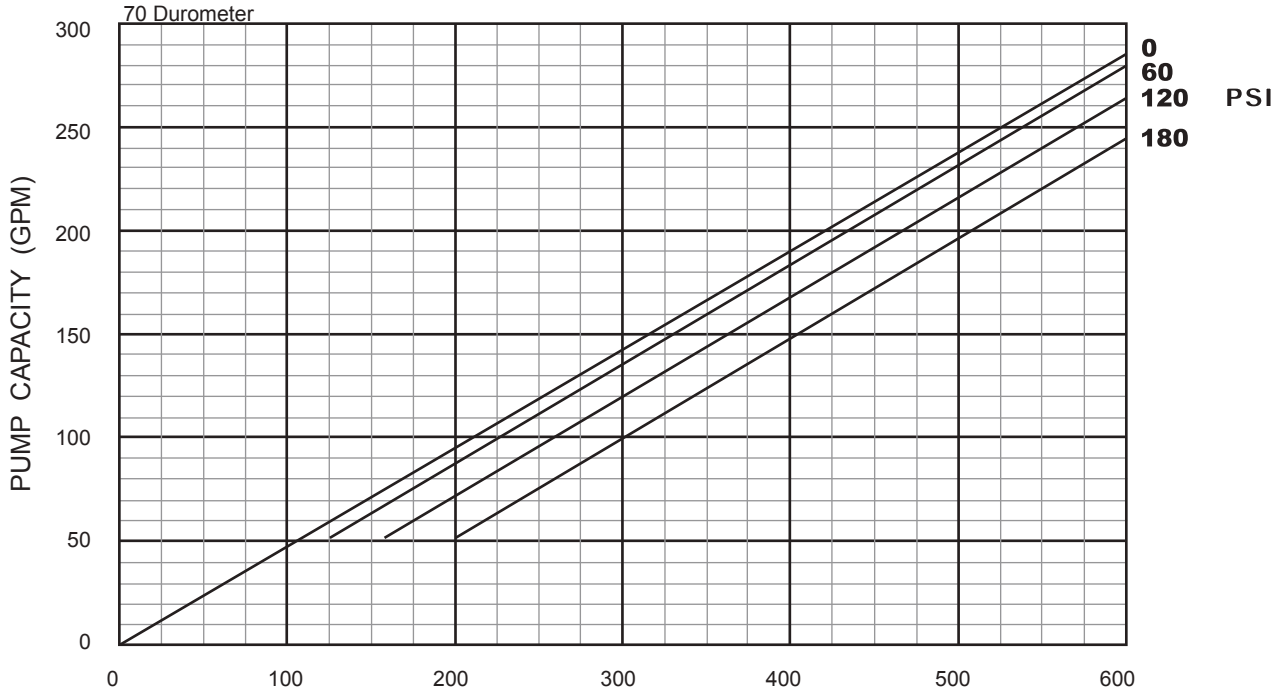
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MILLENNIUM SERIES - 2F050G1L

Progressive Cavity Pump

Performance Curves



2 Stage Pump

70 Durometer (Performance based on water)

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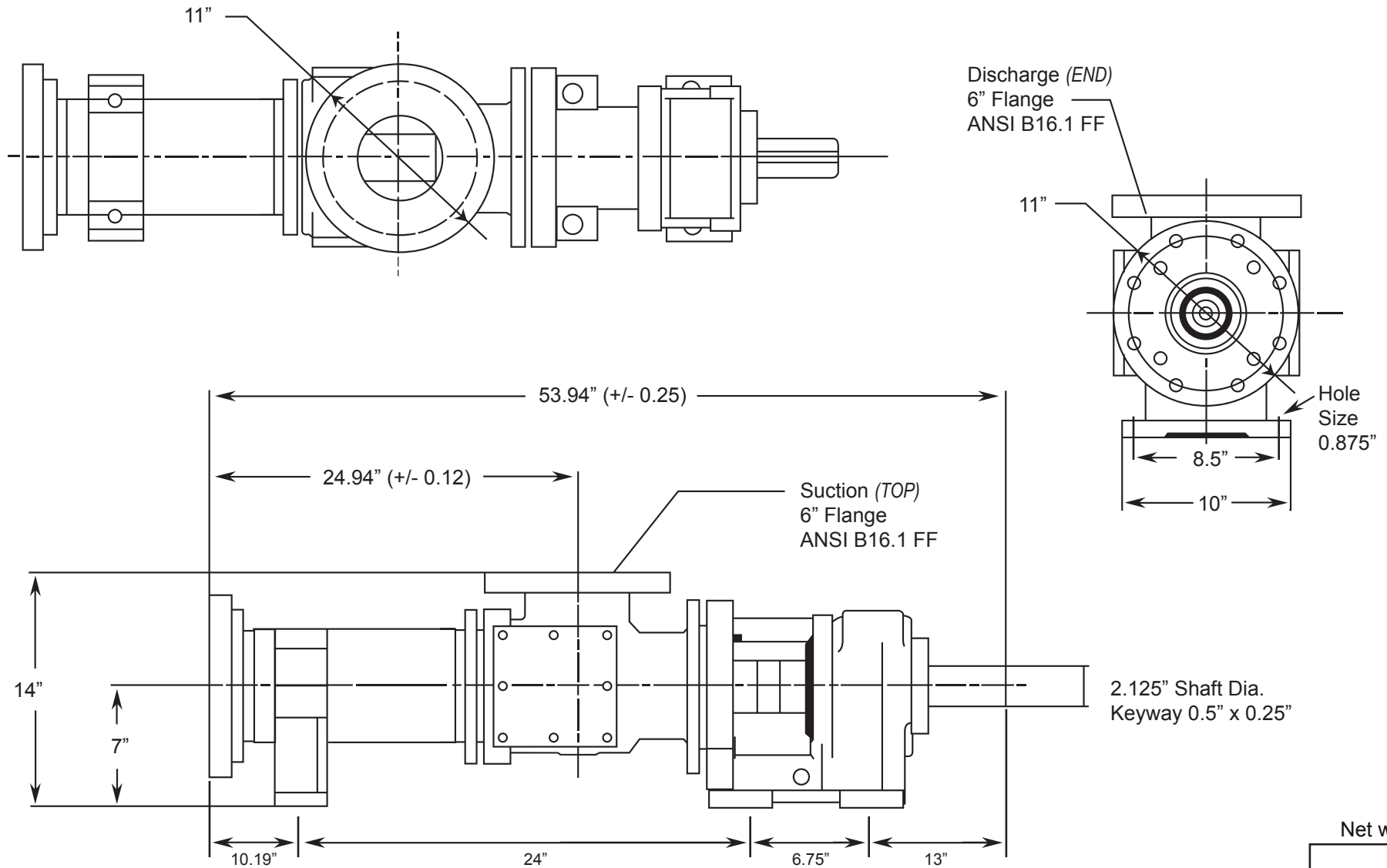
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MILLENNIUM SERIES - 1F050GIL

Progressive Cavity Pump

Dimensional Drawings



Net weight

≈ lbs.

565

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(Pump Rotation is Counter Clockwise) ALL DIMN: Inches

1 Stage Pump

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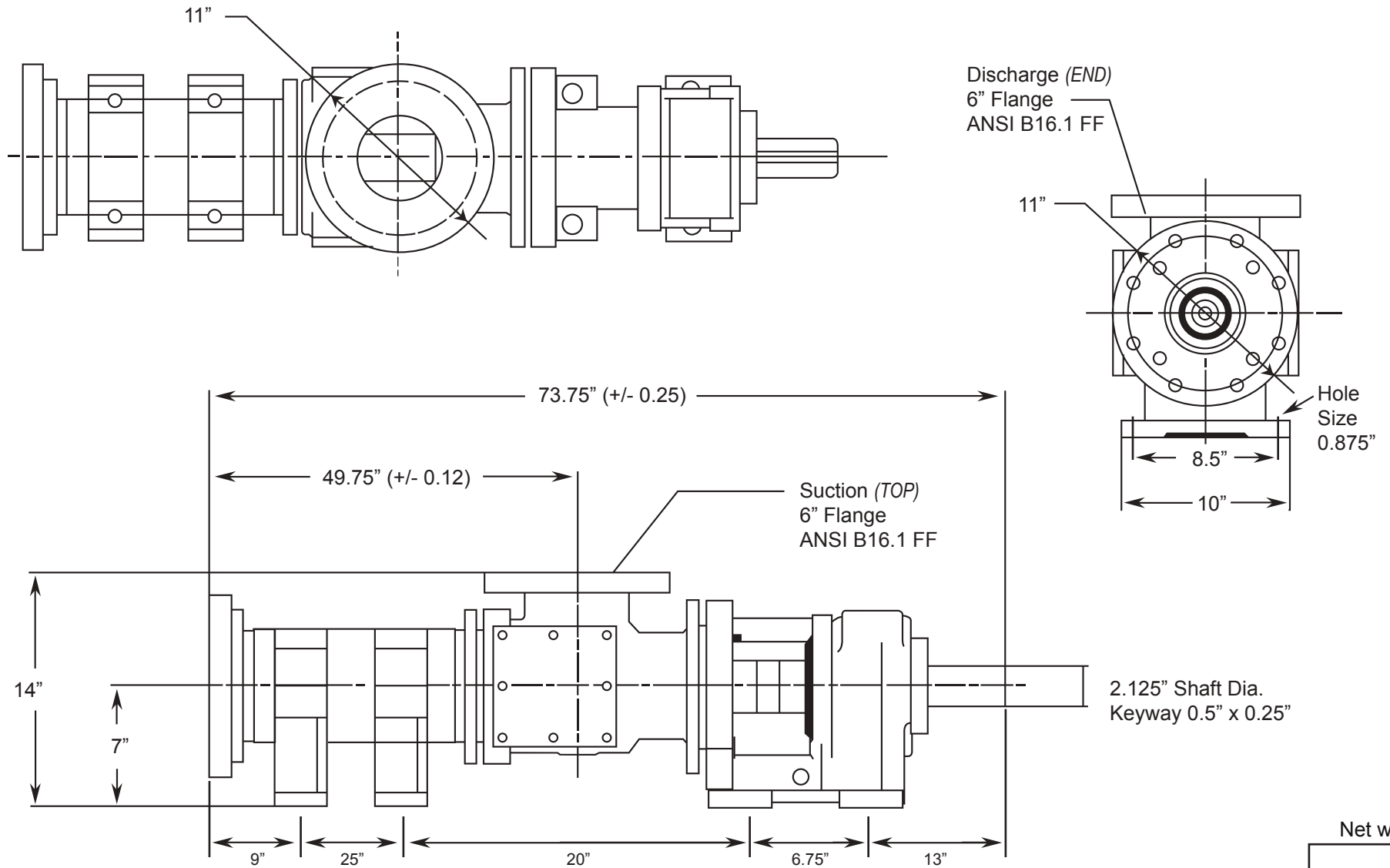
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MILLENNIUM SERIES - 2F050G1L

Progressive Cavity Pump

Dimensional Drawings



Net weight

≈ lbs.

715

BACK TO TOP

(Pump Rotation is Counter Clockwise) ALL DIMN: Inches

2 Stage Pump

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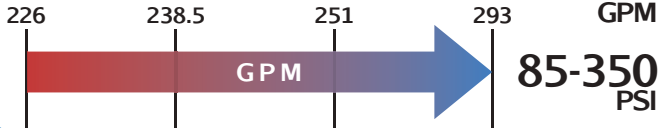


MILLENNIUM SERIES - G065G1L

Progressive Cavity Pump



Millennium G065G1L



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: 1/2, 3/4, 1, 1.5, and 2 hp

Inlet: 8"

Outlet: 8" - ANSI Flange

Bases: Steel and Stainless Steel

Pump Description

The Liberty Millennium Series G065G1L Heavy Duty Progressive Cavity Pump is ideal for high viscosity liquids and heavy waste solids and other abrasive pumping applications such polymer feed in water treatment facilities. The G065G1L's flow rate of 65 gallons/100 revolutions @ 226 to 293 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 G065G1L 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, and 350 psi discharge pressures making it an ideal low-cost, maintenance free drop-in replacement pump. Standard suction and discharge flange size for the G065G1L is 8".

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 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 G065G1L Series of Progressive Cavity Pumps for Waste Solids.

Curves

Click Links Below

1-Stage
1G065G1L

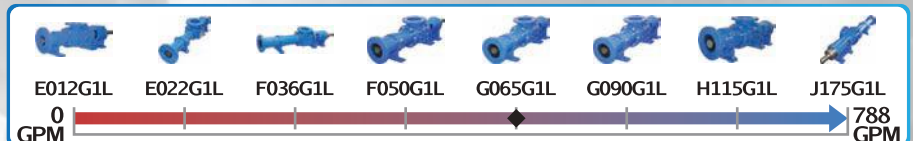
2-Stage
2G065G1L

Drawings

Click Links Below

1-Stage
1G065G1L

2-Stage
2G065G1L



P: 847.640.7867 F: 847.640.7855
2525 Clearbrook Drive Arlington Heights, IL 60005

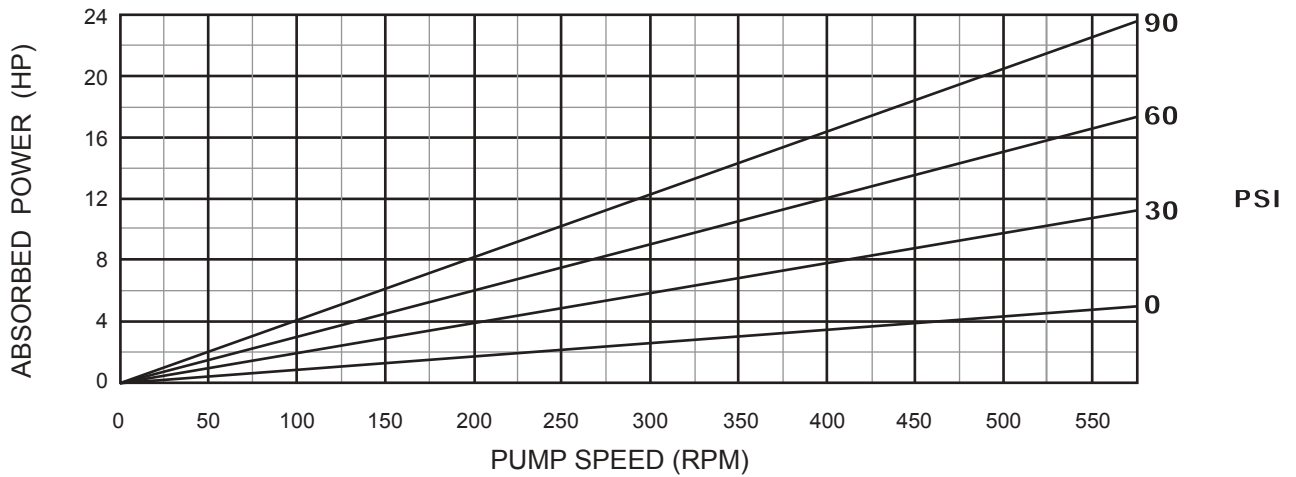
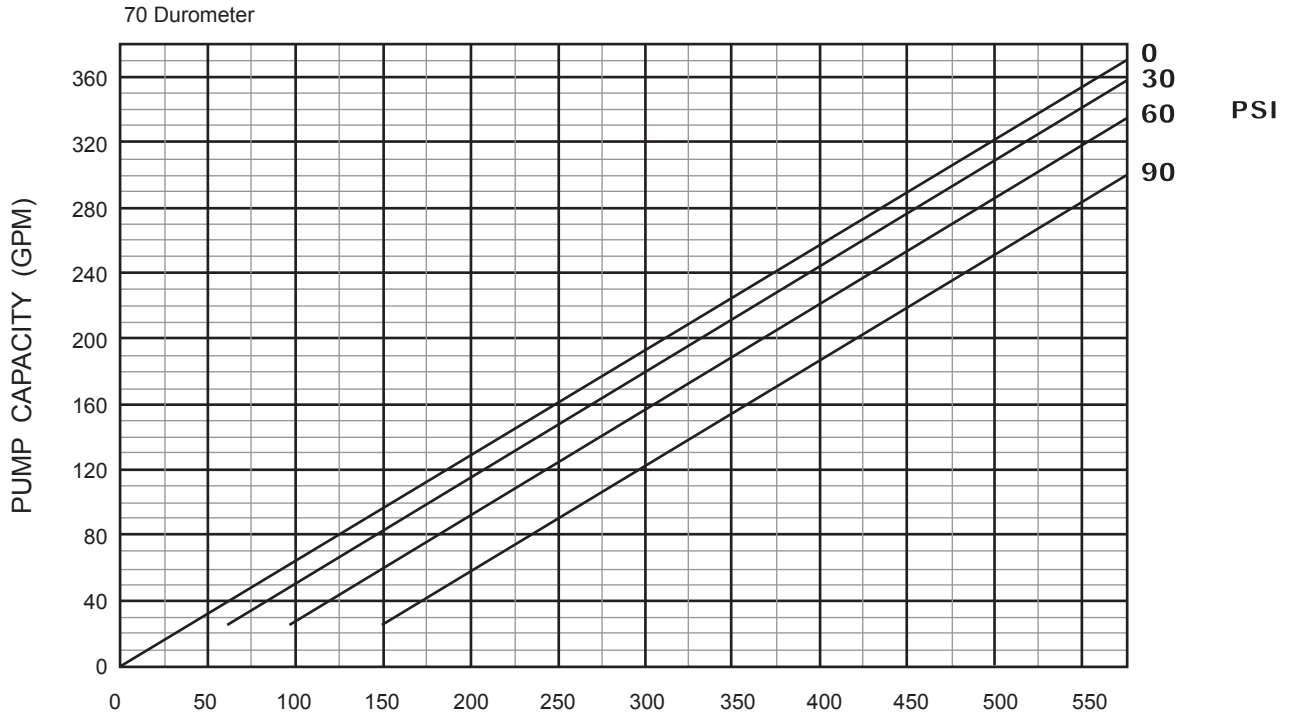
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MILLENNIUM SERIES - 1G065GIL

Progressive Cavity Pump

Performance Curves



1 Stage Pump

70 Durometer (Performance based on water)

[BACK TO TOP](#)

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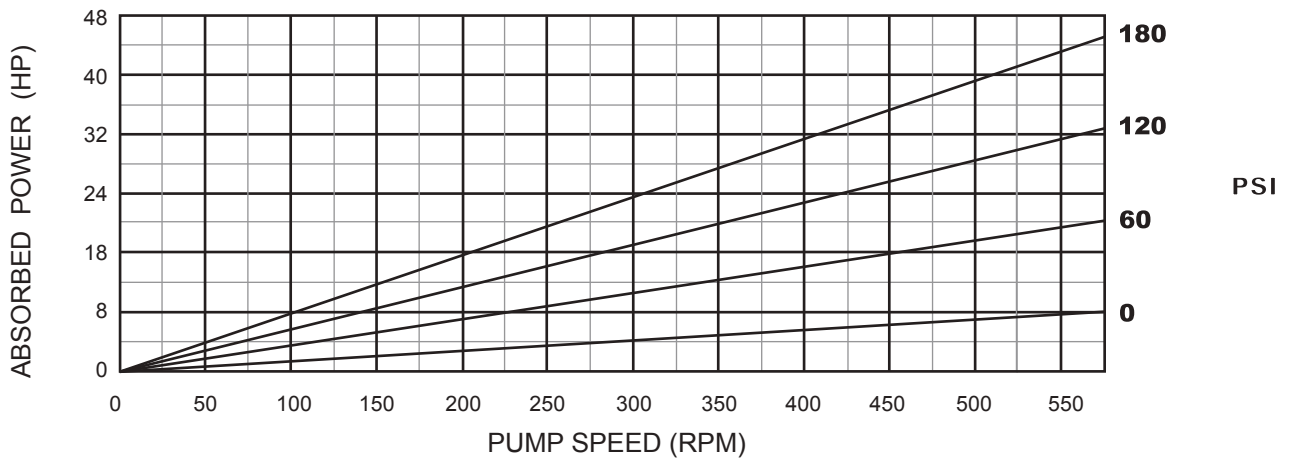
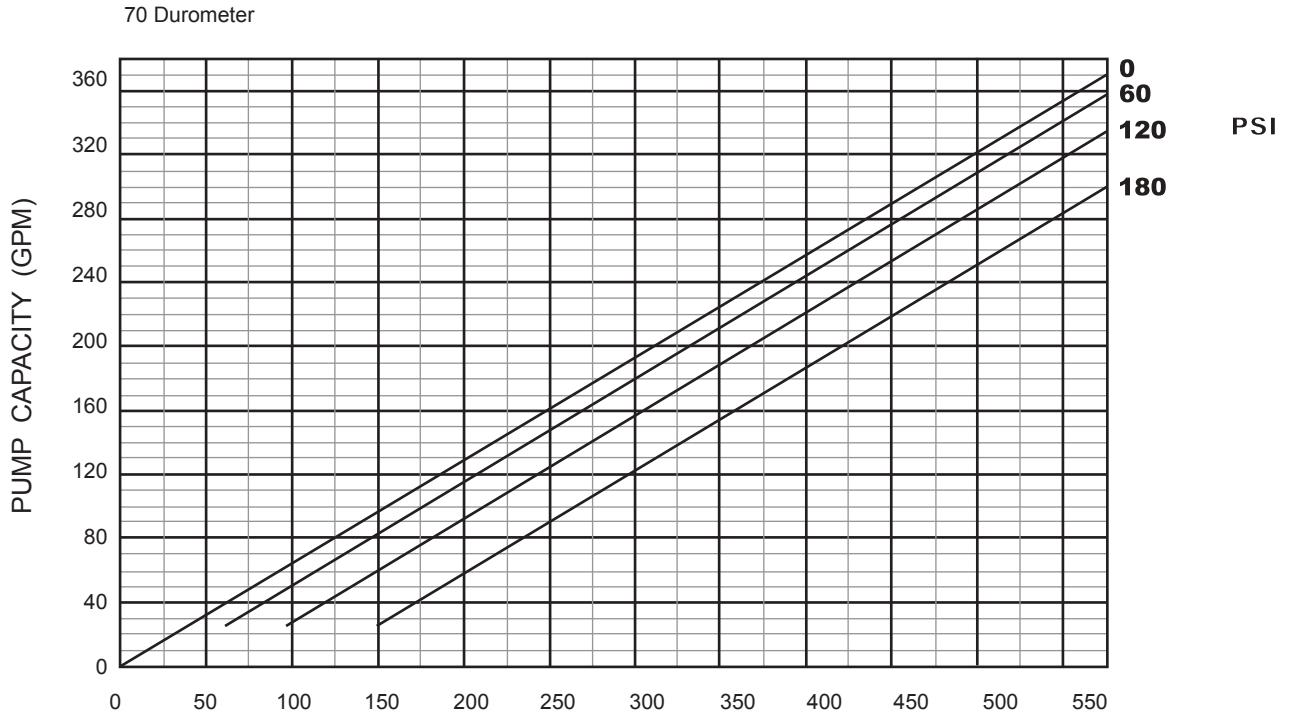
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MILLENNIUM SERIES - 2G065GIL

Progressive Cavity Pump

Performance Curves



2 Stage Pump

70 Durometer (Performance based on water)

[BACK TO TOP](#)

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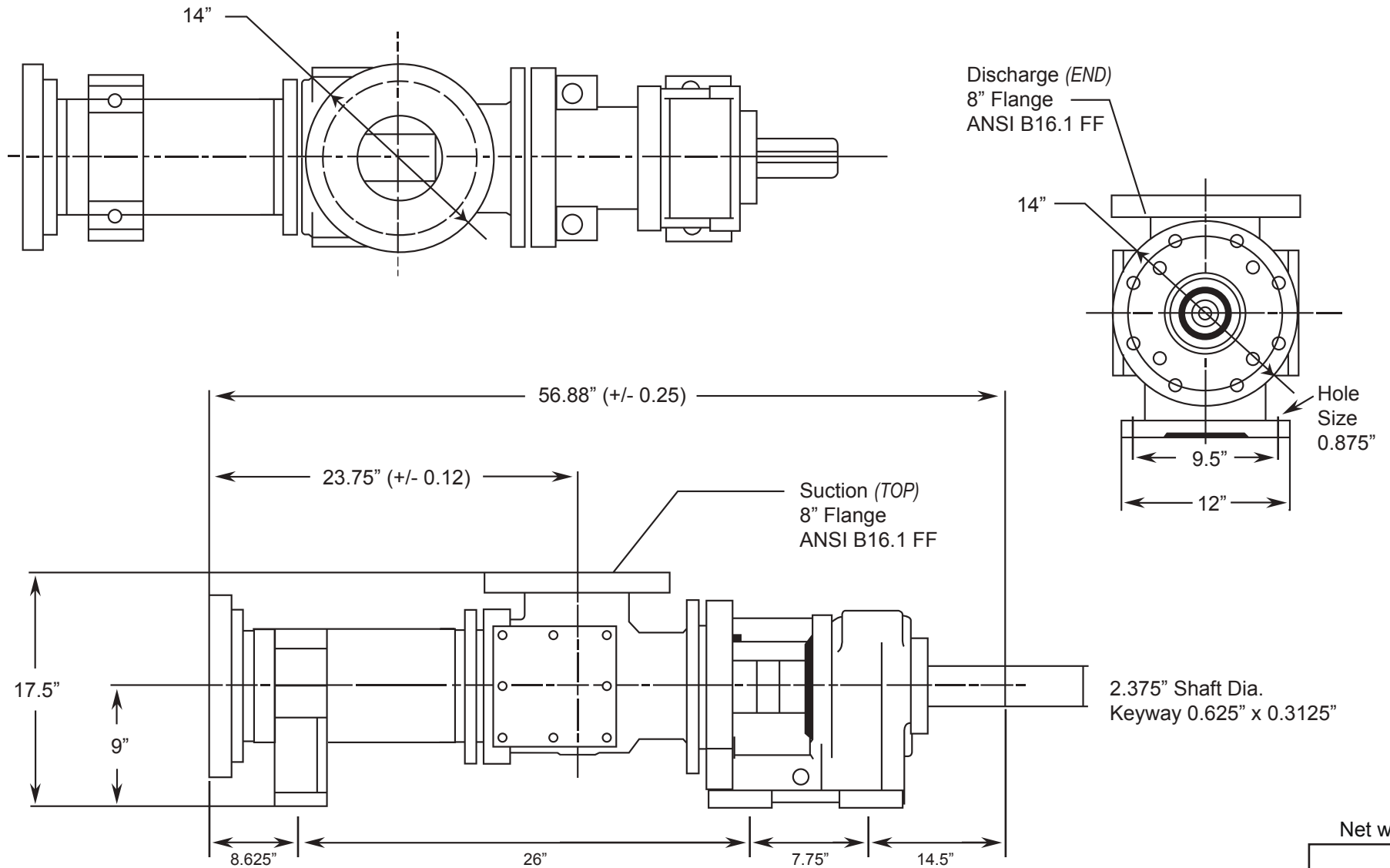
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MILLENNIUM SERIES - 1G065GIL

Progressive Cavity Pump

Dimensional Drawings



Net weight

≈ lbs.

1125

BACK TO TOP

(Pump Rotation is Counter Clockwise) ALL DIMN: Inches

1 Stage Pump

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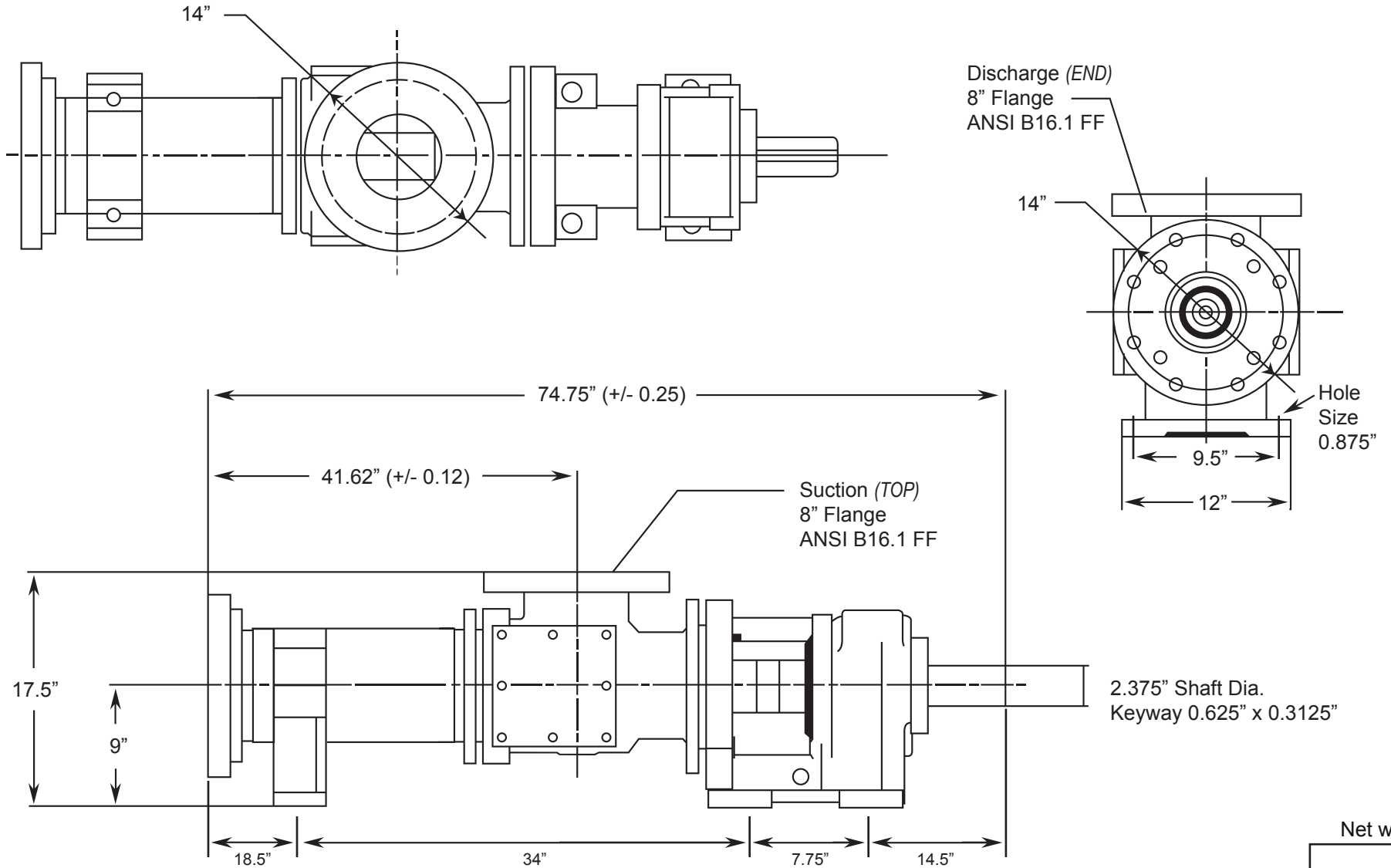
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MILLENNIUM SERIES - 2G065GIL

Progressive Cavity Pump

Dimensional Drawings



Net weight

≈ lbs.

1225

BACK TO TOP

(Pump Rotation is Counter Clockwise) ALL DIMN: Inches

2 Stage Pump

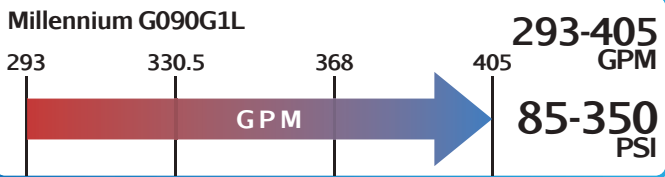
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MILLENNIUM SERIES - G090G1L

Progressive Cavity Pump



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: *5 - 40 hp*

Inlet: *8"*

Outlet: *8" - ANSI Flange*

Bases: *Steel and Stainless Steel*

Pump Description

The Liberty Millennium Series G090G1L Heavy Duty Progressive Cavity Pump is ideal for high viscosity liquids and heavy waste solids and other abrasive pumping applications such polymer feed in water treatment facilities. The G090G1L's flow rate of 90 gallons/100 revolutions @ 293 to 405 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 G090G1L 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, and 350 psi discharge pressures making it an ideal low-cost, maintenance free drop-in replacement pump. Standard suction and discharge flange size for the G090G1L is 8".

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 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 G090G1L Series of Progressive Cavity Pumps for Waste Solids.

Curves

[Click Links Below](#)

1-Stage
1G090G1L

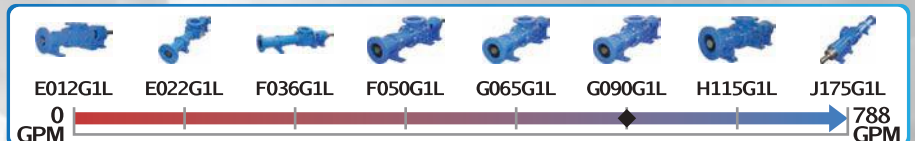
2-Stage
2G090G1L

Drawings

[Click Links Below](#)

1-Stage
1G090G1L

2-Stage
2G090G1L



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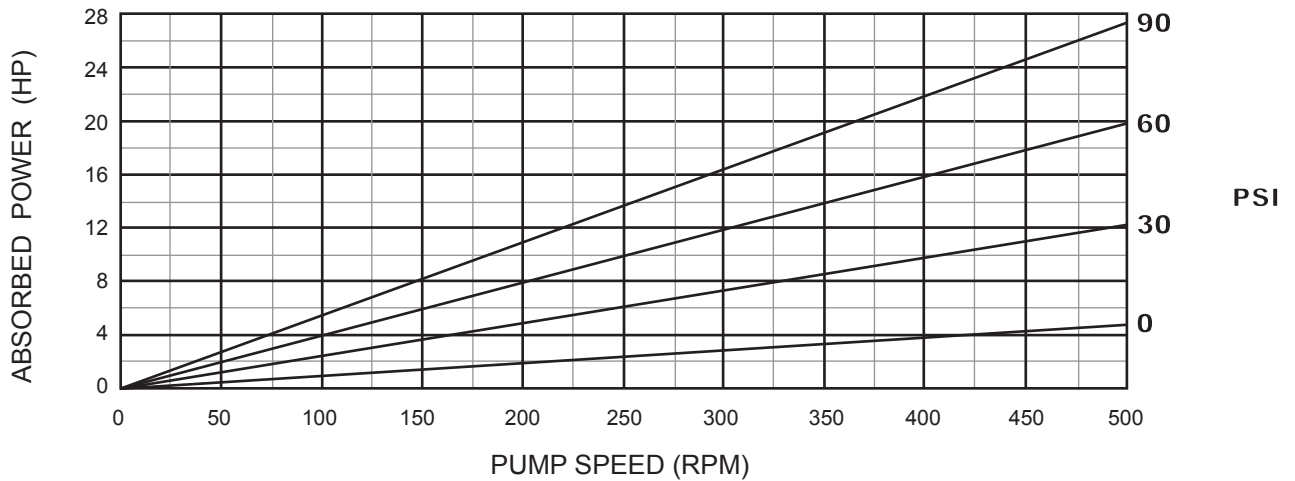
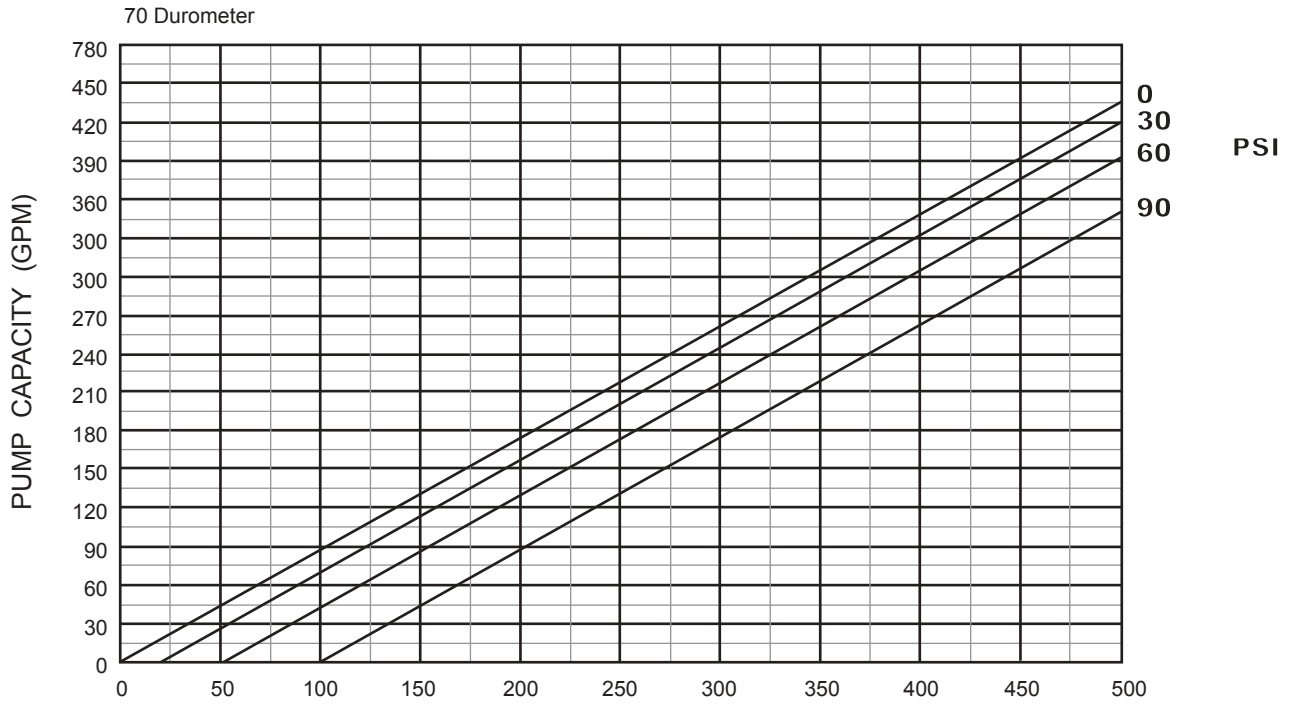
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MILLENNIUM SERIES - 1G090GIL

Progressive Cavity Pump

Performance Curves



1 Stage Pump

70 Durometer (Performance based on water)

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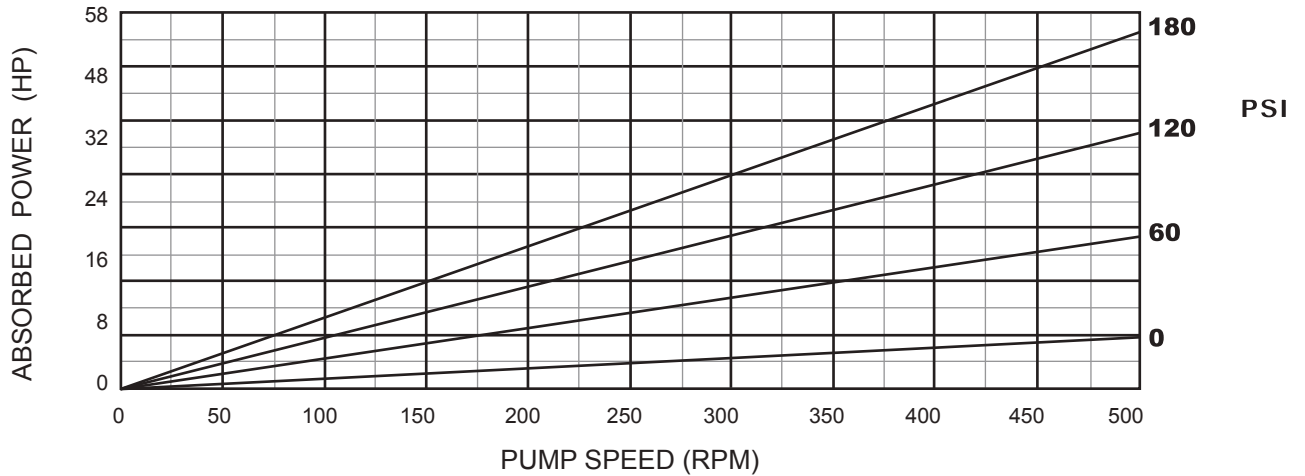
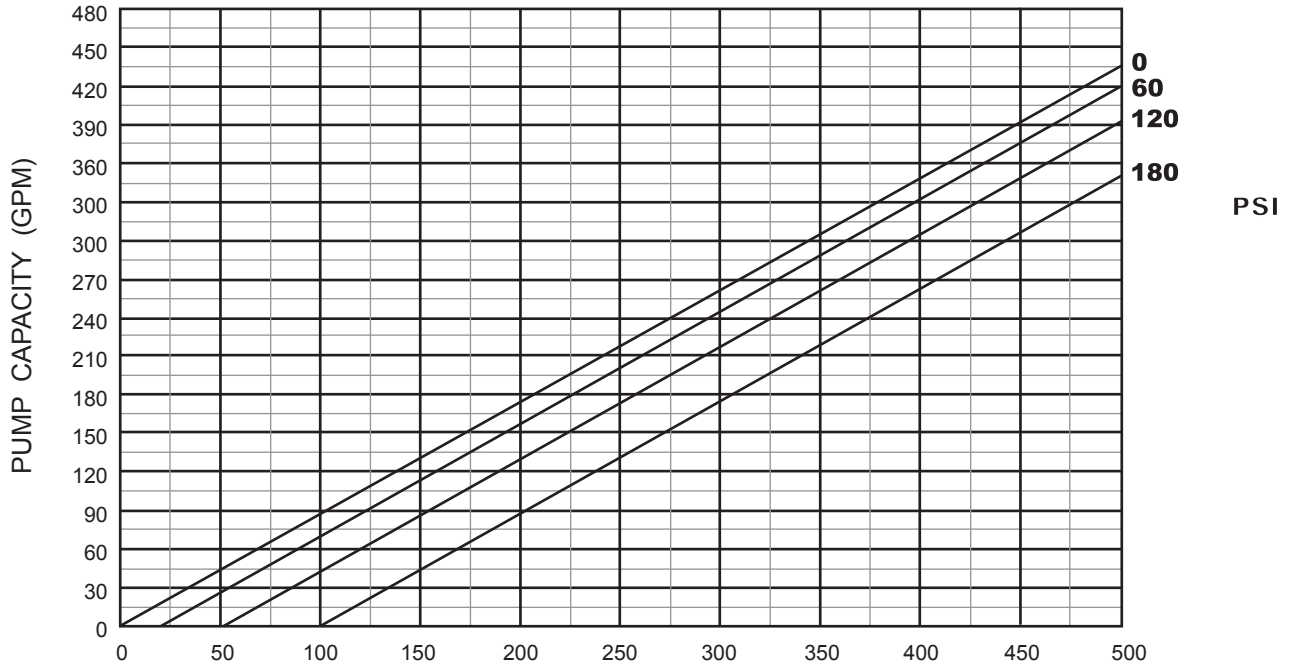
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MILLENNIUM SERIES - 2G090GIL

Progressive Cavity Pump

Performance Curves



2 Stage Pump

70 Durometer (Performance based on water)

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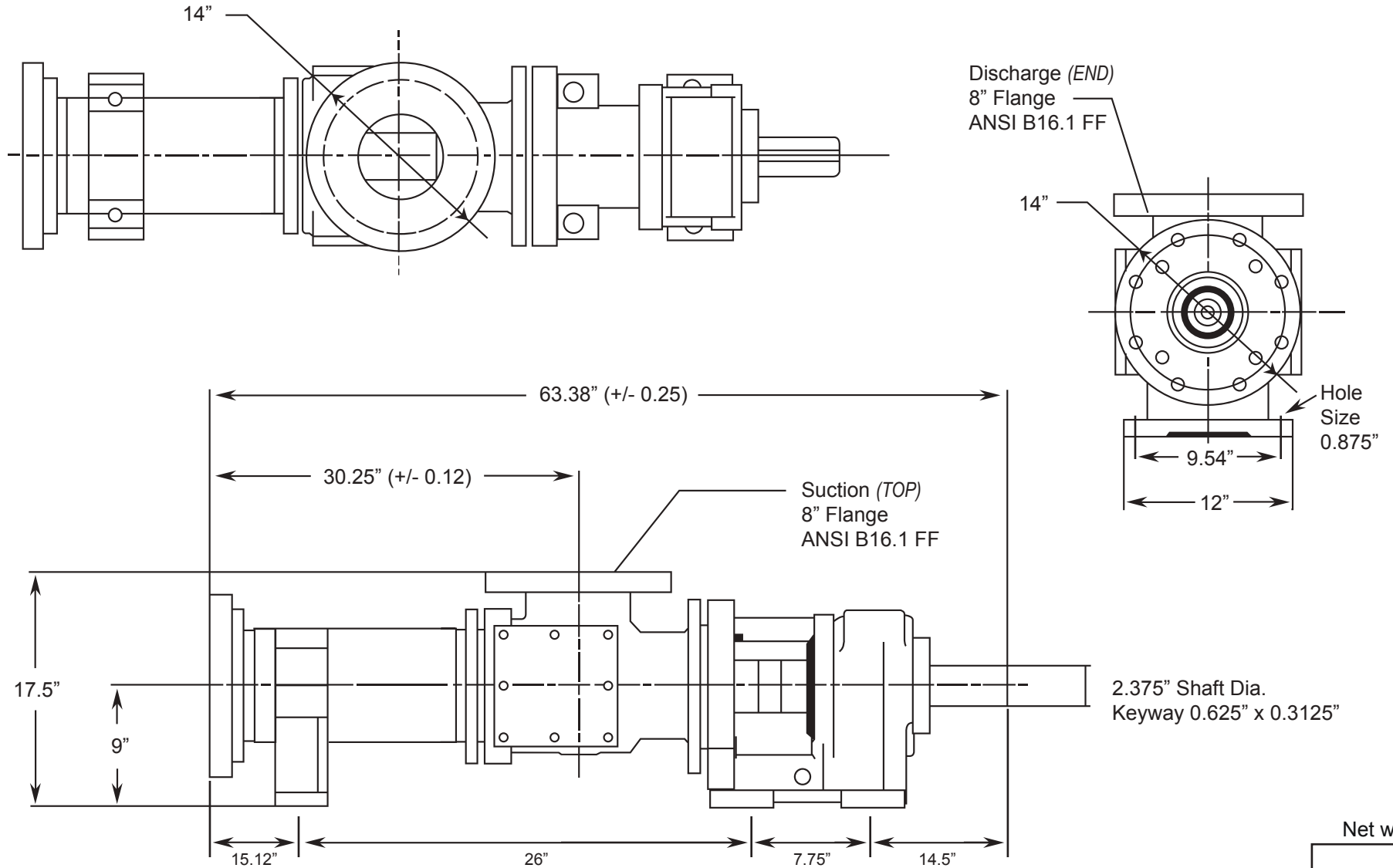
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MILLENNIUM SERIES - 1G090GIL

Progressive Cavity Pump

Dimensional Drawings



Net weight

≈ lbs.

1125

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(Pump Rotation is Counter Clockwise) ALL DIMN: Inches

1 Stage Pump

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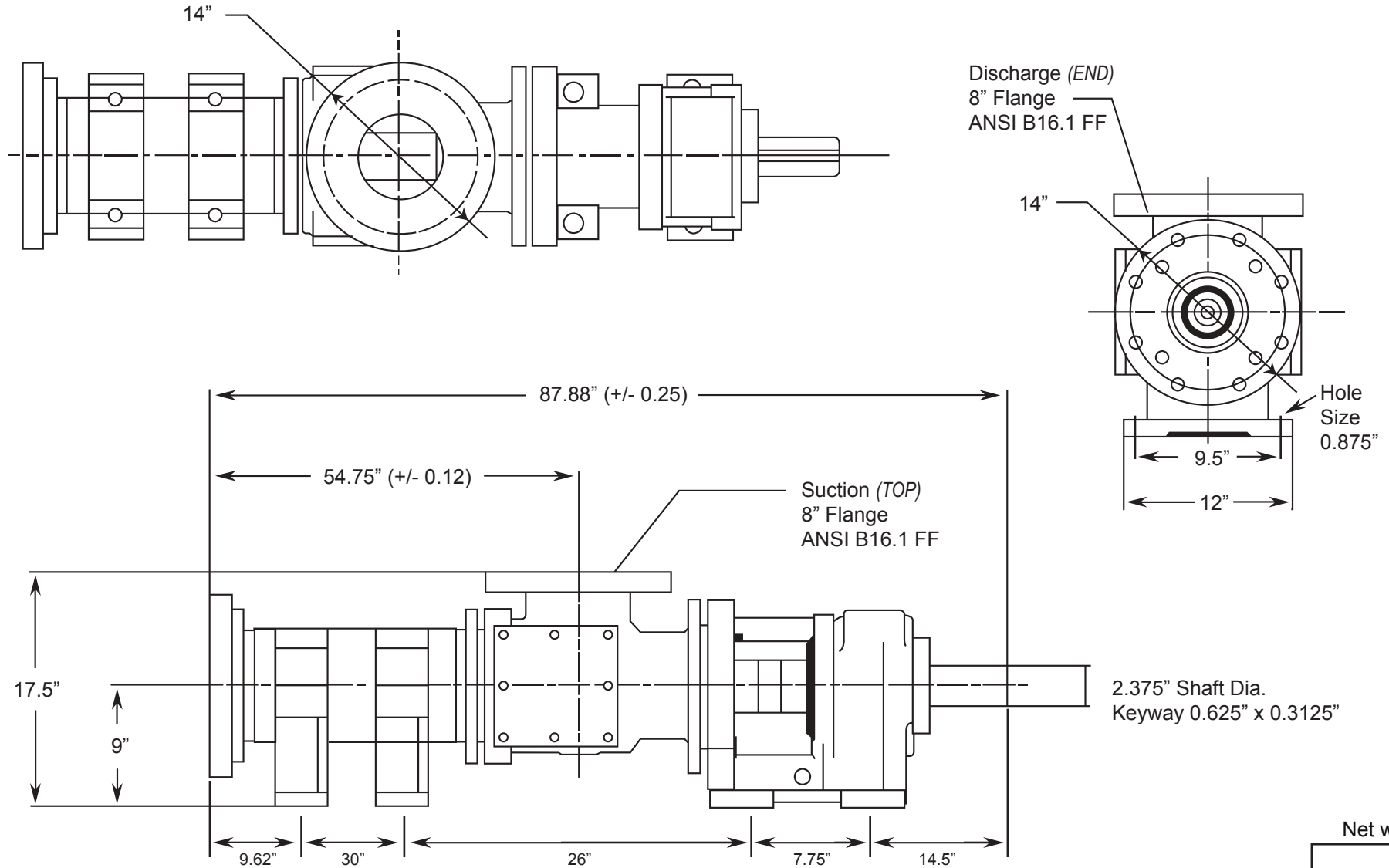
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MILLENNIUM SERIES - 2G090GIL

Progressive Cavity Pump

Dimensional Drawings



Net weight

≈ lbs.

1225

BACK TO TOP

(Pump Rotation is Counter Clockwise) ALL DIMN: Inches

2 Stage Pump

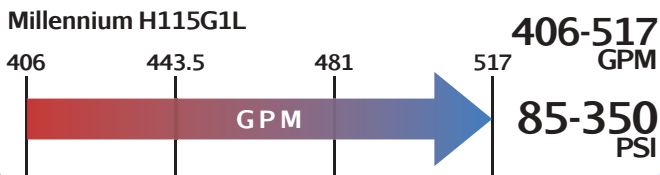
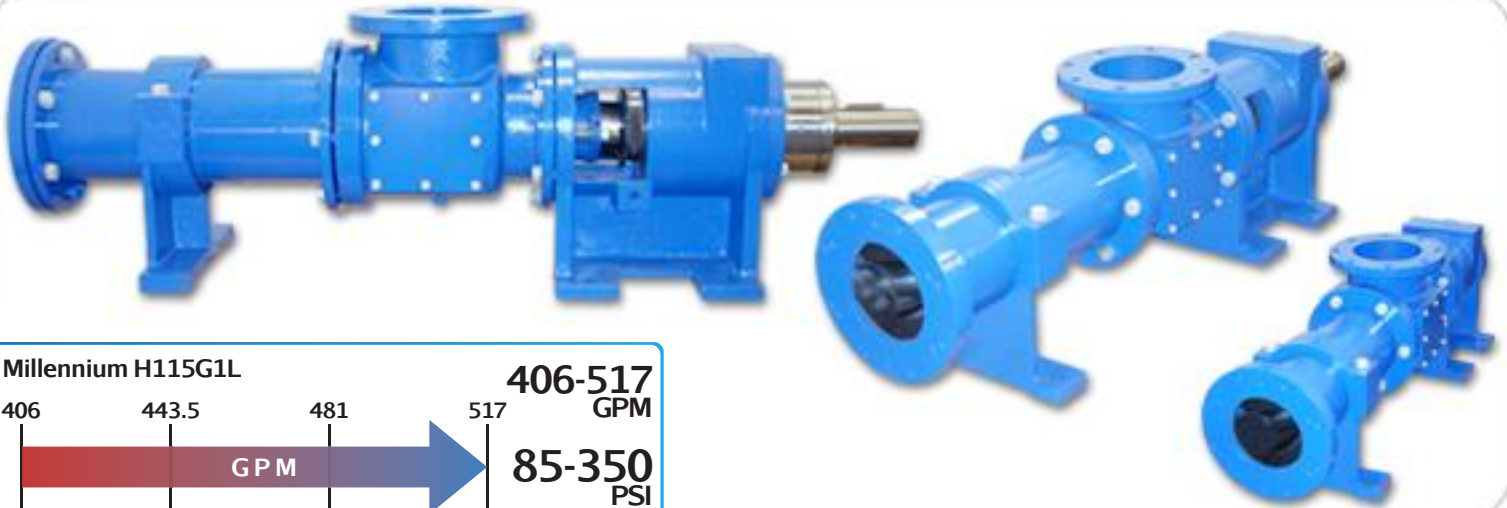
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MILLENNIUM SERIES - H115G1L

Progressive Cavity Pump



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: 7.5 - 40 hp

Inlet: 8"

Outlet: 8" - ANSI Flange

Bases: Steel and Stainless Steel



Curves

Click Links Below

1-Stage
1H115G1L

2-Stage
2H115G1L



Drawings

Click Links Below

1-Stage
1H115G1L

2-Stage
2H115G1L

Pump Description

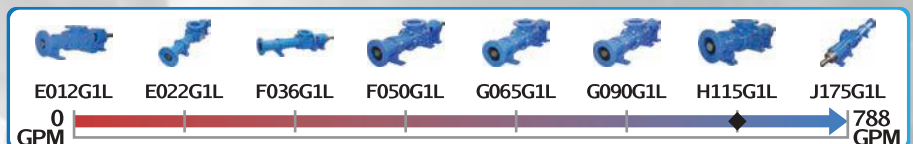
The Liberty Millennium Series H115G1L Heavy Duty Progressive Cavity Pump is ideal for high viscosity liquids and heavy waste solids and other abrasive pumping applications such polymer feed in water treatment facilities. The H115G1L's flow rate of 115 gallons/100 revolutions @ 406 to 517 GPM coupled to its high temperature resistance of up to 350° degrees Fahrenheit makes it an ideal solution for your industrial heavy-duty pumping needs.

The H115G1L 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, and 350 psi discharge pressures making it an ideal low-cost, maintenance free drop-in replacement pump. Standard suction and discharge flange size for the H115G1L is 8".

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 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 H115G1L Series of Progressive Cavity Pumps for Waste Solids.



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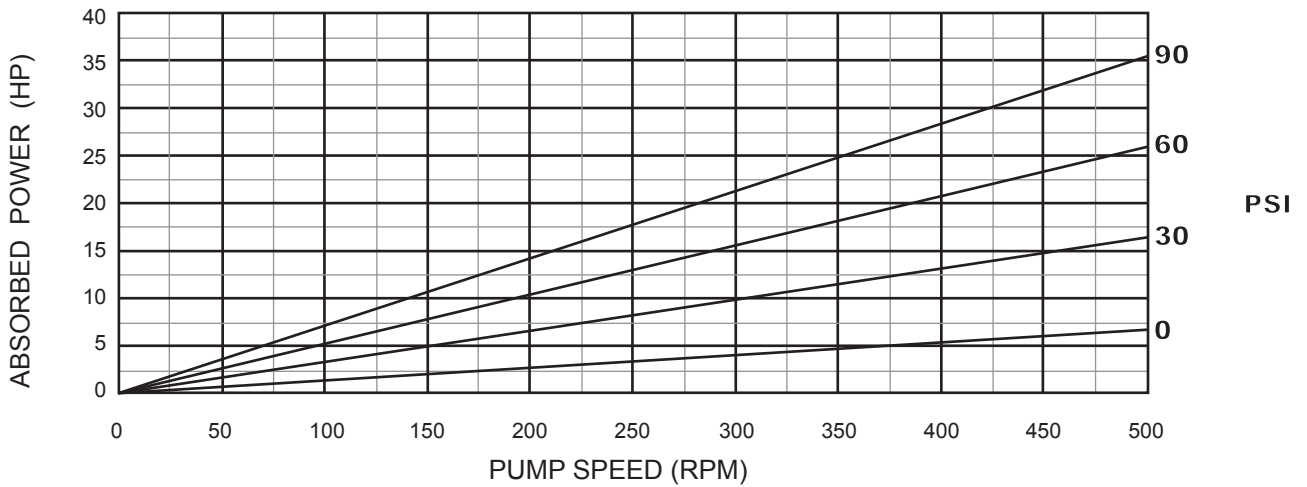
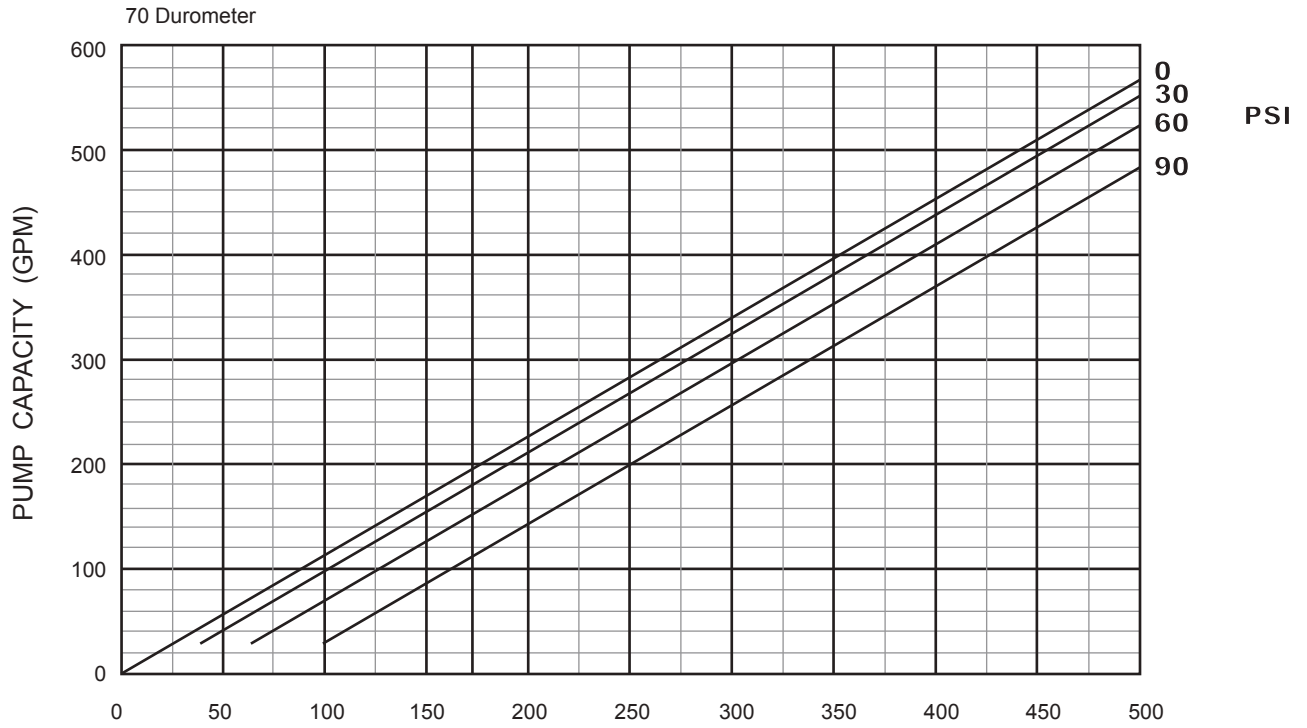
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MILLENNIUM SERIES - 1H115GIL

Progressive Cavity Pump

Performance Curves



1 Stage Pump

70 Durometer (Performance based on water)

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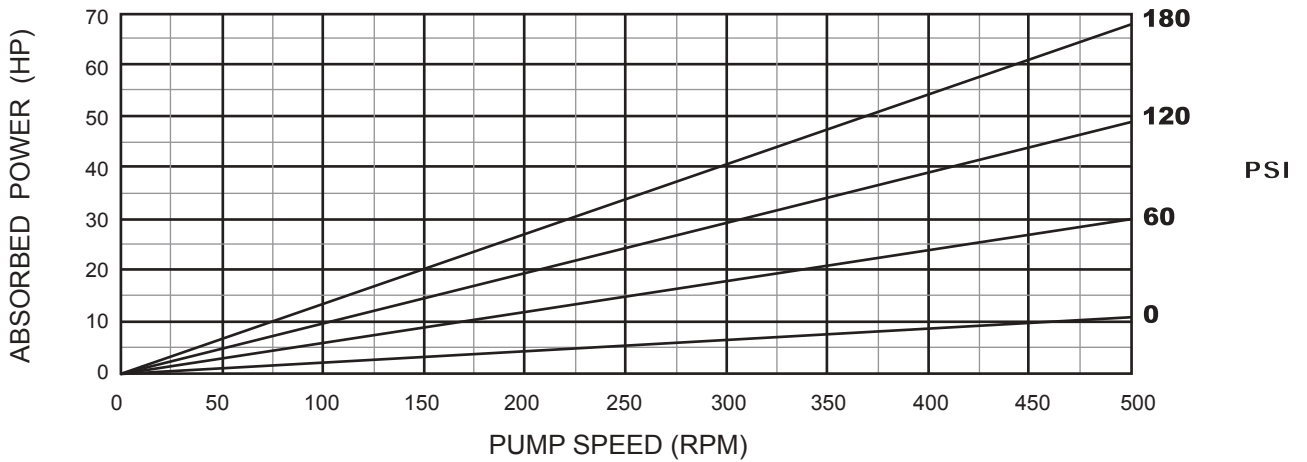
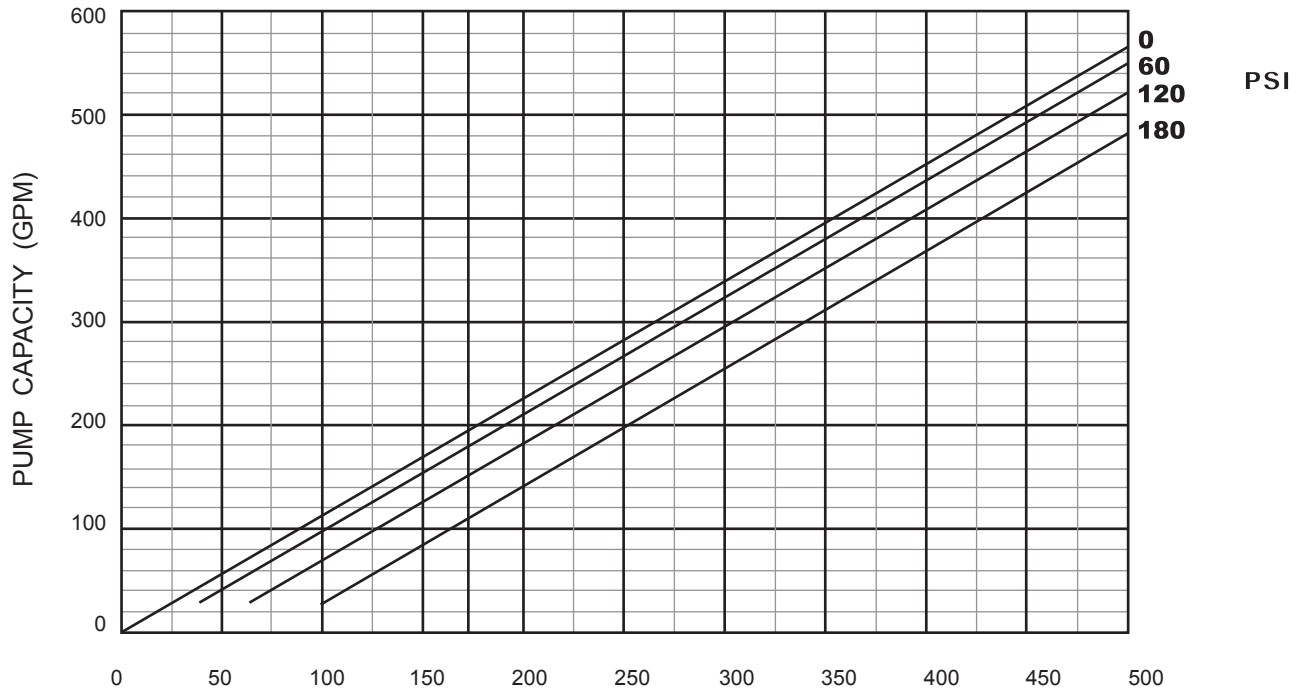
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MILLENNIUM SERIES - 2H115G1L

Progressive Cavity Pump

Performance Curves



2 Stage Pump

70 Durometer (Performance based on water)

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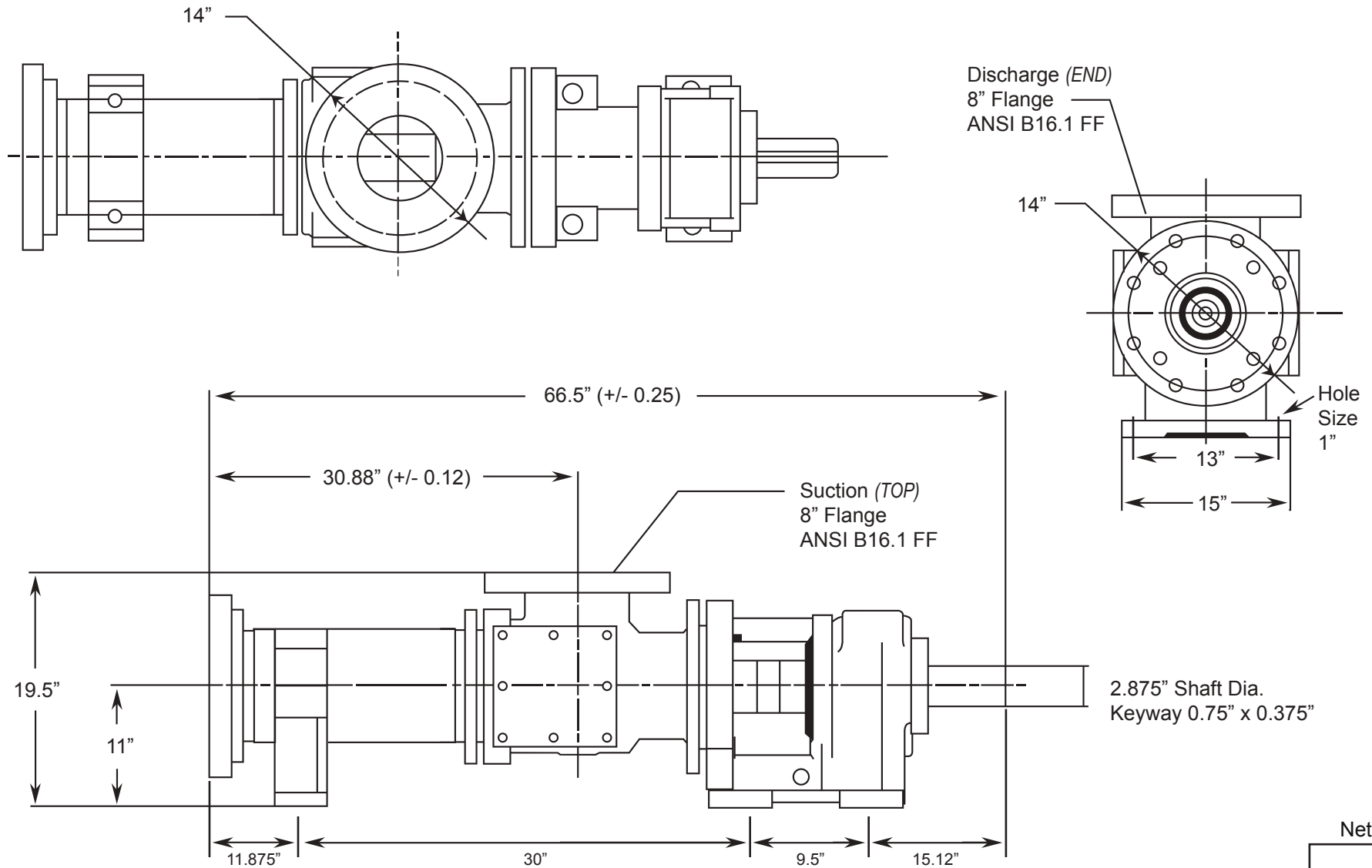
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MILLENNIUM SERIES - 1H115GIL

Progressive Cavity Pump

Dimensional Drawings



Net weight

≈ lbs.

1700

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(Pump Rotation is Counter Clockwise) ALL DIMN: Inches

1 Stage Pump

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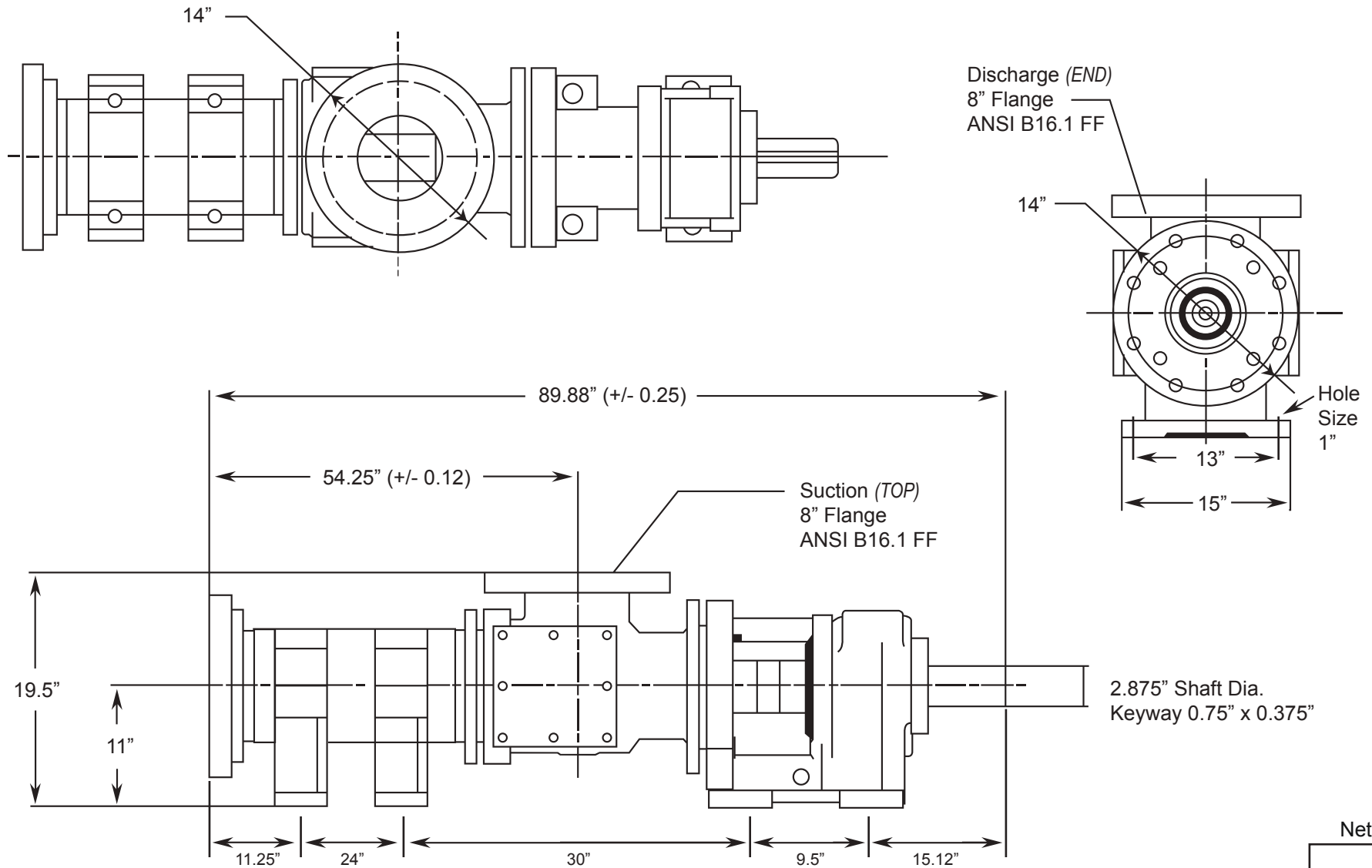
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MILLENNIUM SERIES - 2H115G1L

Progressive Cavity Pump

Dimensional Drawings



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(Pump Rotation is Counter Clockwise) ALL DIMN: Inches

Net weight

≈ lbs.

1850

2 Stage Pump

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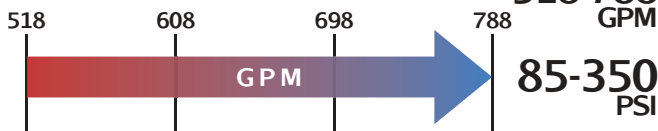


MILLENNIUM SERIES - J175G1L

Progressive Cavity Pump



Millennium J175G1L



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: 10 - 60 hp

Inlet: 10"

Outlet: 10" - ANSI Flange

Bases: Steel and Stainless Steel

Pump Description

The Liberty Millennium Series J175G1L Progressive Cavity Pump is ideal for high viscosity liquids and heavy waste solids and other abrasive pumping applications such polymer feed in water treatment facilities. The J175G1L's flow rate of 175 gallons/100 revolutions @ 518 to 788 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 J175G1L 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, and 350 psi discharge pressures making it an ideal low-cost, maintenance free drop-in replacement pump. Standard suction and discharge flange size for the J175G1L is 10".

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 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 J175G1L Series of Progressive Cavity Pumps for Waste Solids.

Curves

Click Links Below

1-Stage
1J175G1L

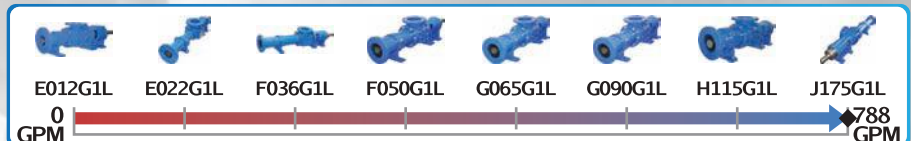
2-Stage
2J175G1L

Drawings

Click Links Below

1-Stage
1J175G1L

2-Stage
2J175G1L



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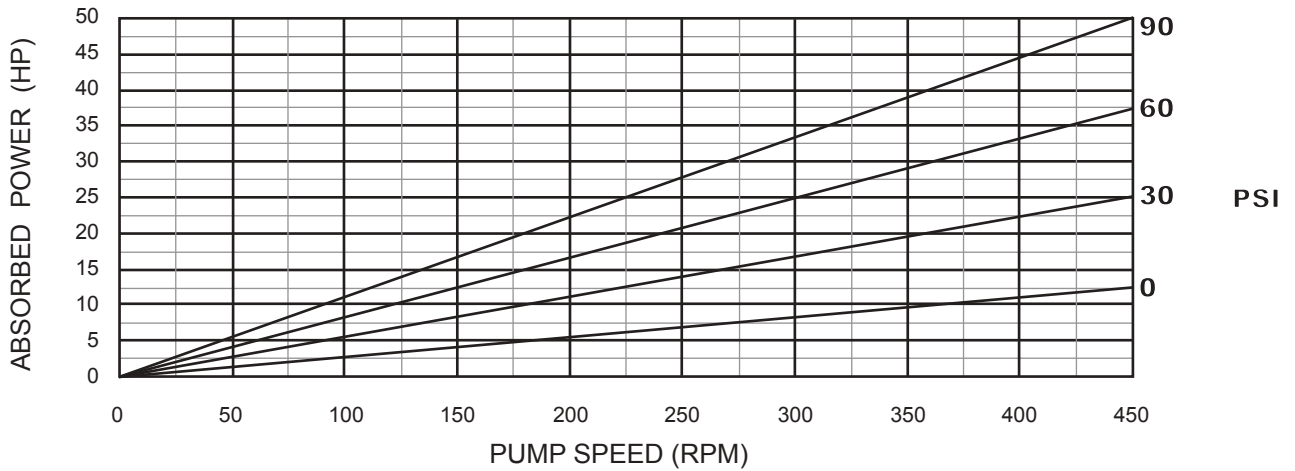
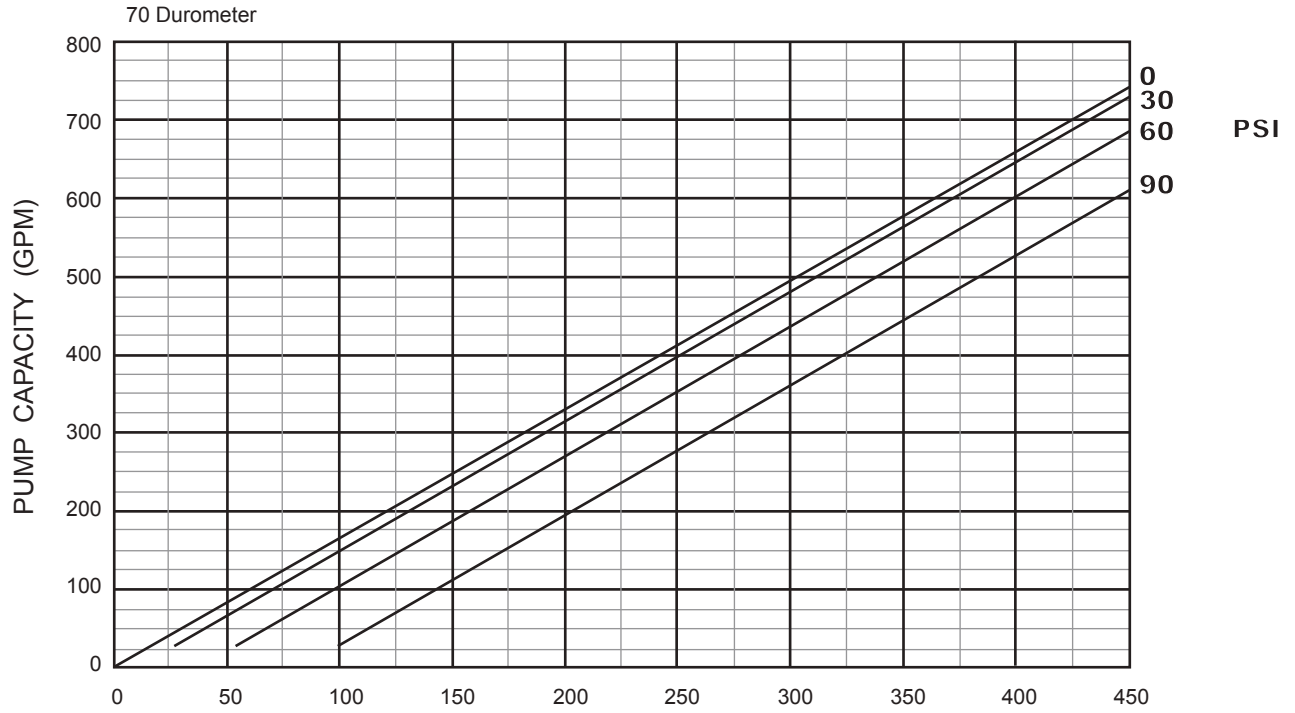
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MILLENNIUM SERIES - 1J175G1L

Progressive Cavity Pump

Performance Curves



1 Stage Pump

70 Durometer (Performance based on water)

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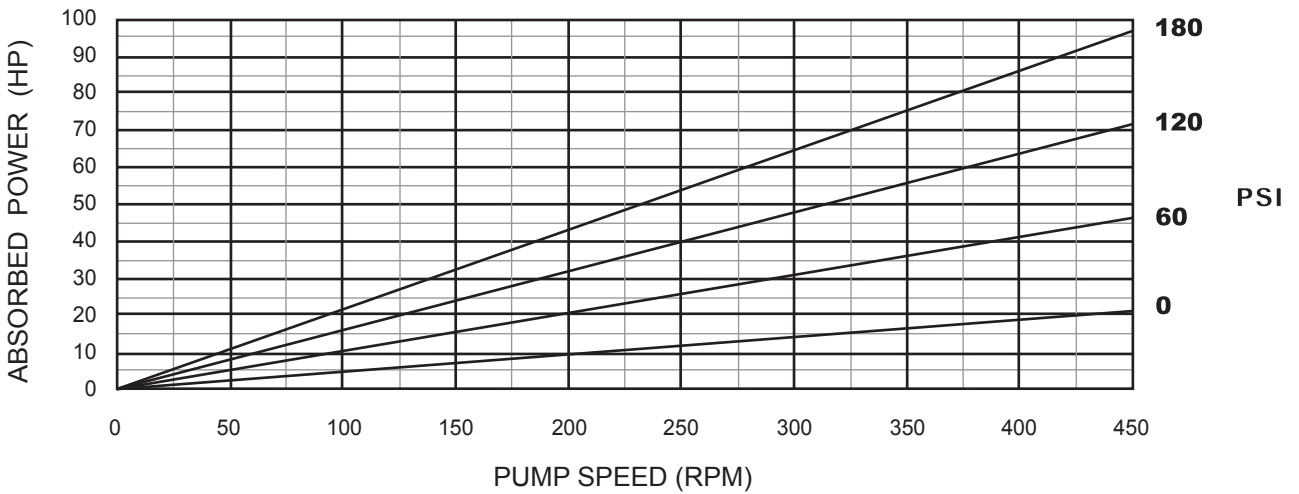
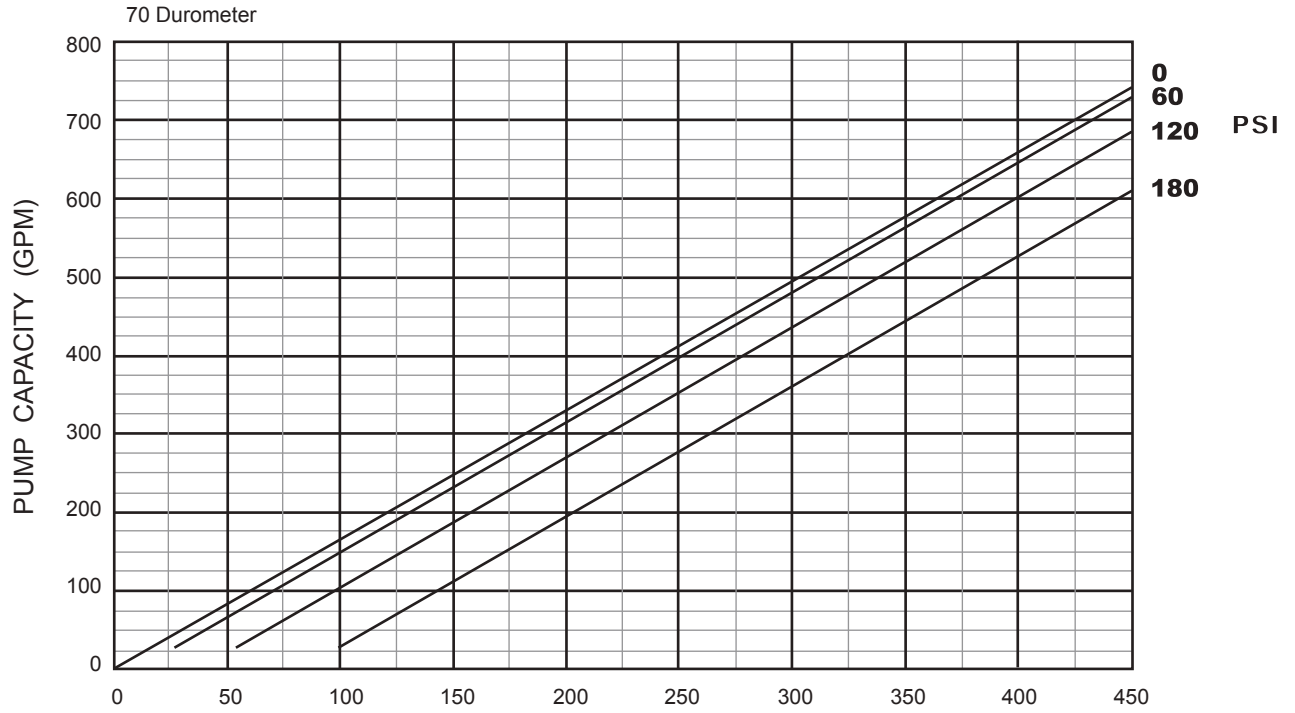
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MILLENNIUM SERIES - 2J175G1L

Progressive Cavity Pump

Performance Curves



2 Stage Pump

70 Durometer (Performance based on water)

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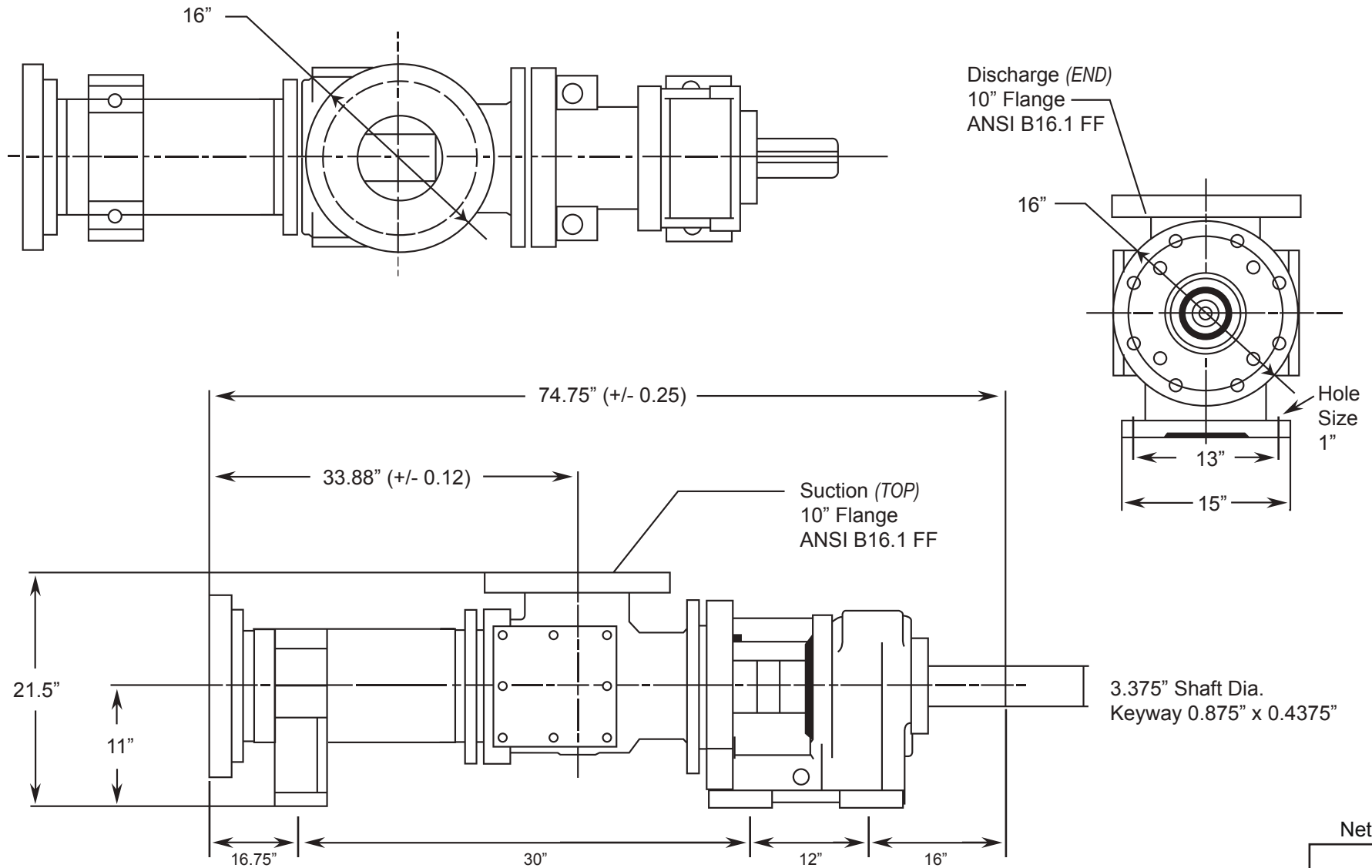
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MILLENNIUM SERIES - 1J175G1L

Progressive Cavity Pump

Dimensional Drawings



Net weight

≈ lbs.

2250

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(Pump Rotation is Counter Clockwise) ALL DIMN: Inches

1 Stage Pump

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