

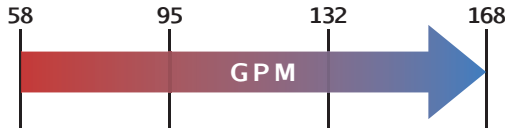


SWGL SERIES - SWGL10 & 10H

Progressive Cavity Pump



SWGL 10/10H



58-168
GPM

0-150
PSI

Features

- ANSO Flanges
- Sealed Gear Joint
- Mechanical Seal Option
- Flushed Packing
- Compact Design

Materials

Rotor: *Chrome Plated Tool Steel or Stainless Steel*

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

Motor: *5, 7-1/2, and 10 hp*

Inlet: *6"*

Outlet: *6"*

Bases: *Steel and Stainless Steel*

Pump Description

The SWGL 12 and 12H Series of Progressive Cavity Pump is a classic pump series offered from Liberty Process Equipment. This is a traditional heavy-duty series of pumps with the same stator as the Liberty series of pumps, but offered additionally with heavy-duty gear joints. This pump series is an ideal solution for sewage treatment sludge handling applications. It is offered in cast iron with ANSI standard flanges for suction and discharge connections.

We also offer optional mechanical seals as well as our standard gland packing. This pump dimensionally interchanges with other manufacturers pumps and is a drop-in replacement. At Liberty Process, we stock all the spare parts for this series to meet quick delivery needs.



Curves

[Click Links Below](#)

1-Stage
1SWGL10

2-Stage
2SWGL10

3-Stage
3SWGL10



Drawings

[Click Links Below](#)

1-Stage
1SWGL10

2-Stage
2SWGL10

3-Stage
3SWGL10

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

www.libertyprocess.com

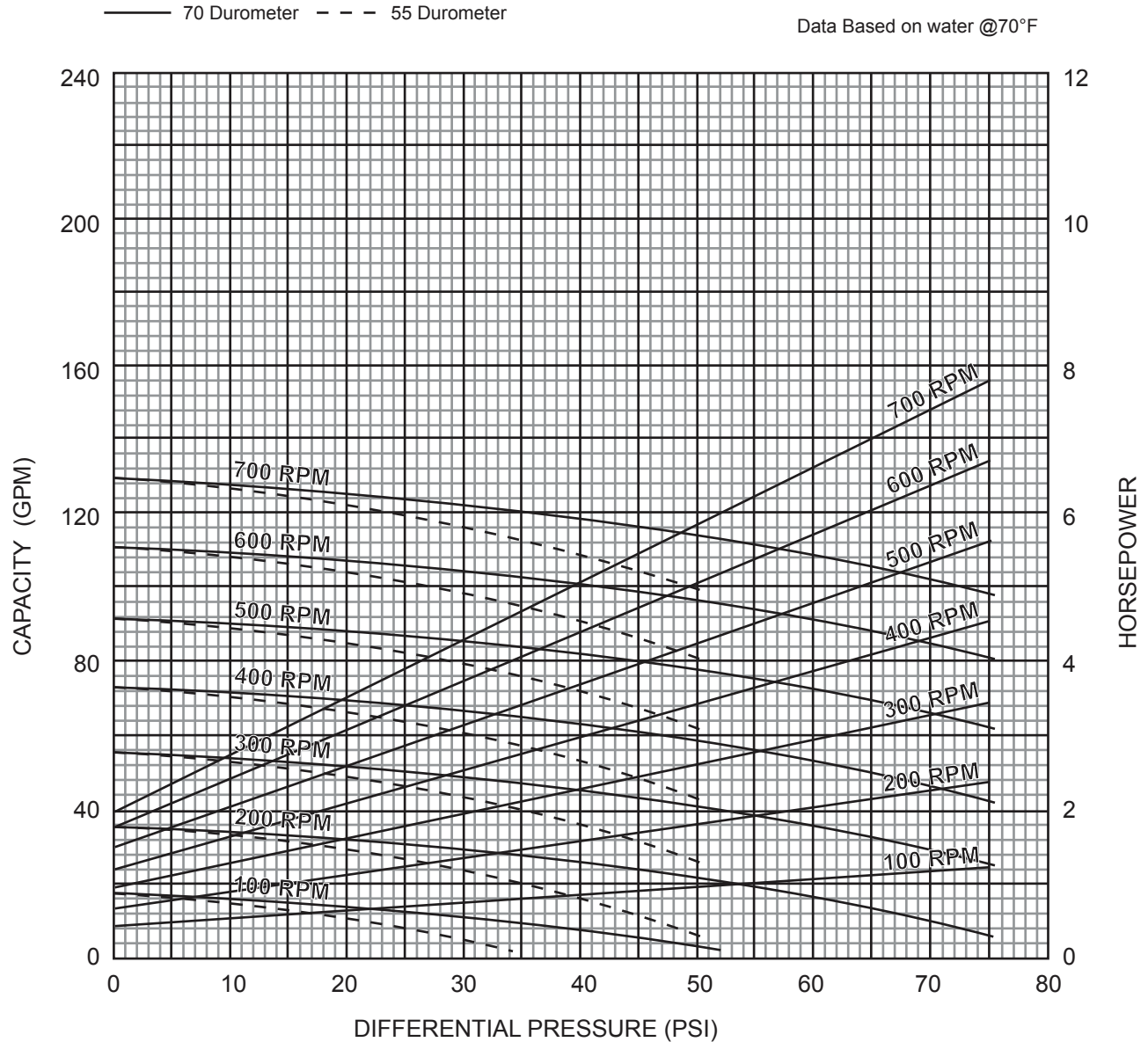


SWGL SERIES - ISWGL10

Progressive Cavity Pump

Performance Curves

RPM	100	200	300	400	500	600	700
NPSH REQ'D	.9	1.7	2.6	3.5	4.9	6.9	9.1
MIN. HP	1	1-1/2	2	3	5	5	5



1 Stage Pump

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SWGL SERIES - 2SWGL10

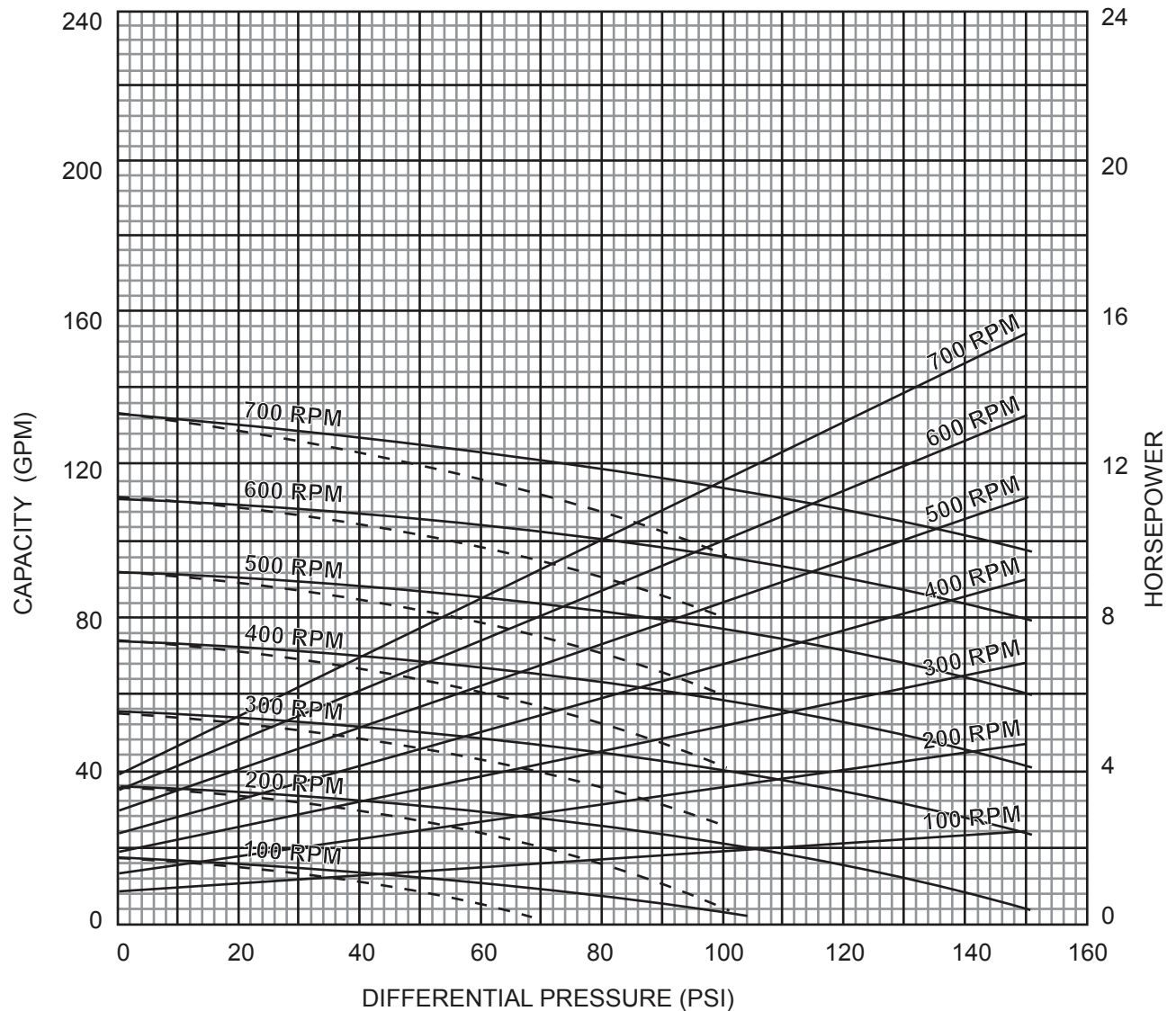
Progressive Cavity Pump

Performance Curves

RPM	100	200	300	400	500	600	700
NPSH REQ'D	.9	1.7	2.6	3.5	4.9	6.9	9.1
MIN. HP	1-1/2	2	3	5	7-1/2	7-1/2	10

—— 70 Durometer - - - 55 Durometer

Data Based on water @70°F



2 Stage Pump

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SWGL SERIES - 3SWGL10

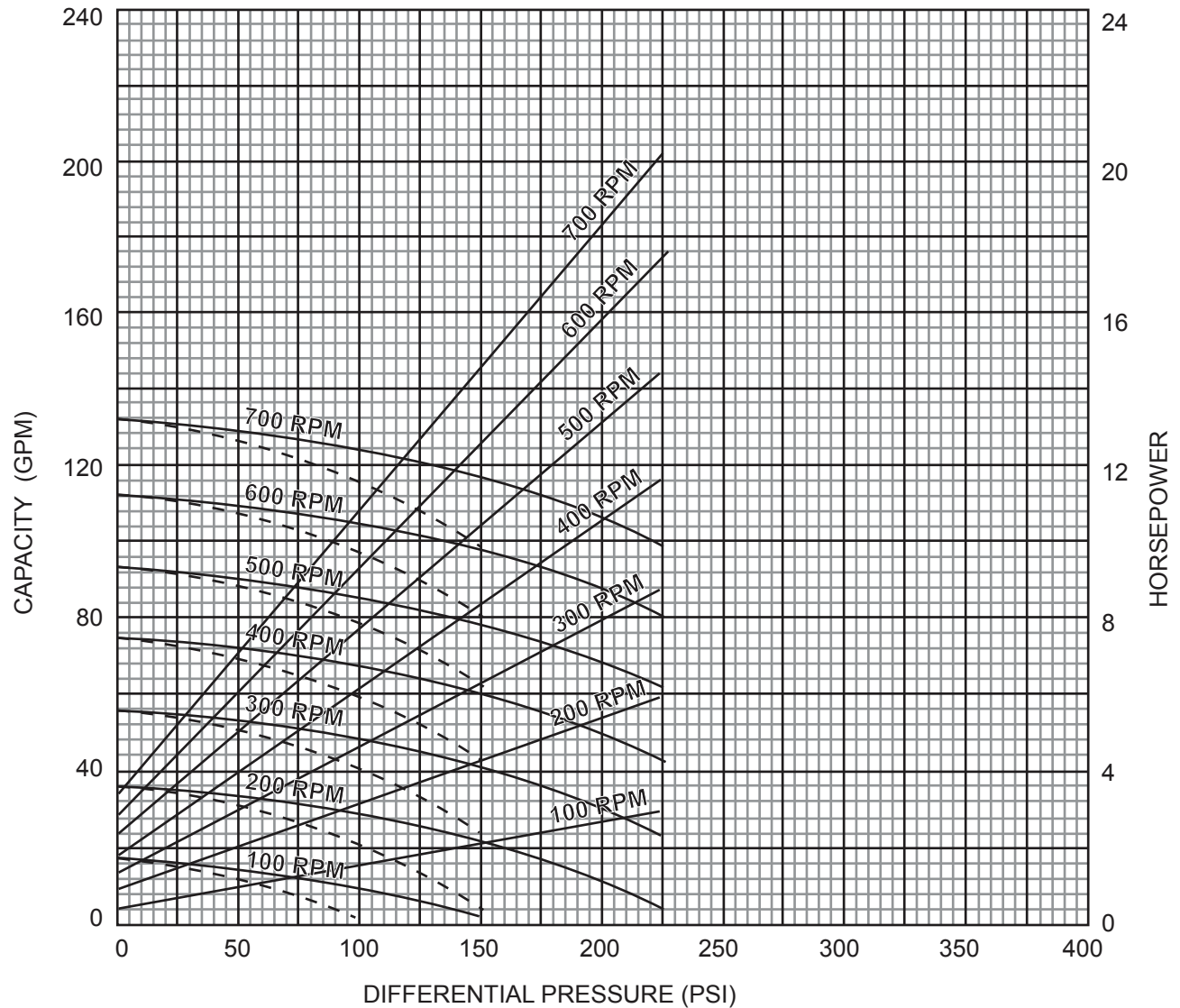
Progressive Cavity Pump

Performance Curves

RPM	100	200	300	400	500	600	700
NPSH REQ'D	.9	1.7	2.6	3.5	4.9	6.9	9.1
MIN. HP	2	3	5	7-1/2	10	10	15

—— 70 Durometer - - - 55 Durometer

Data Based on water @70°F



3 Stage Pump

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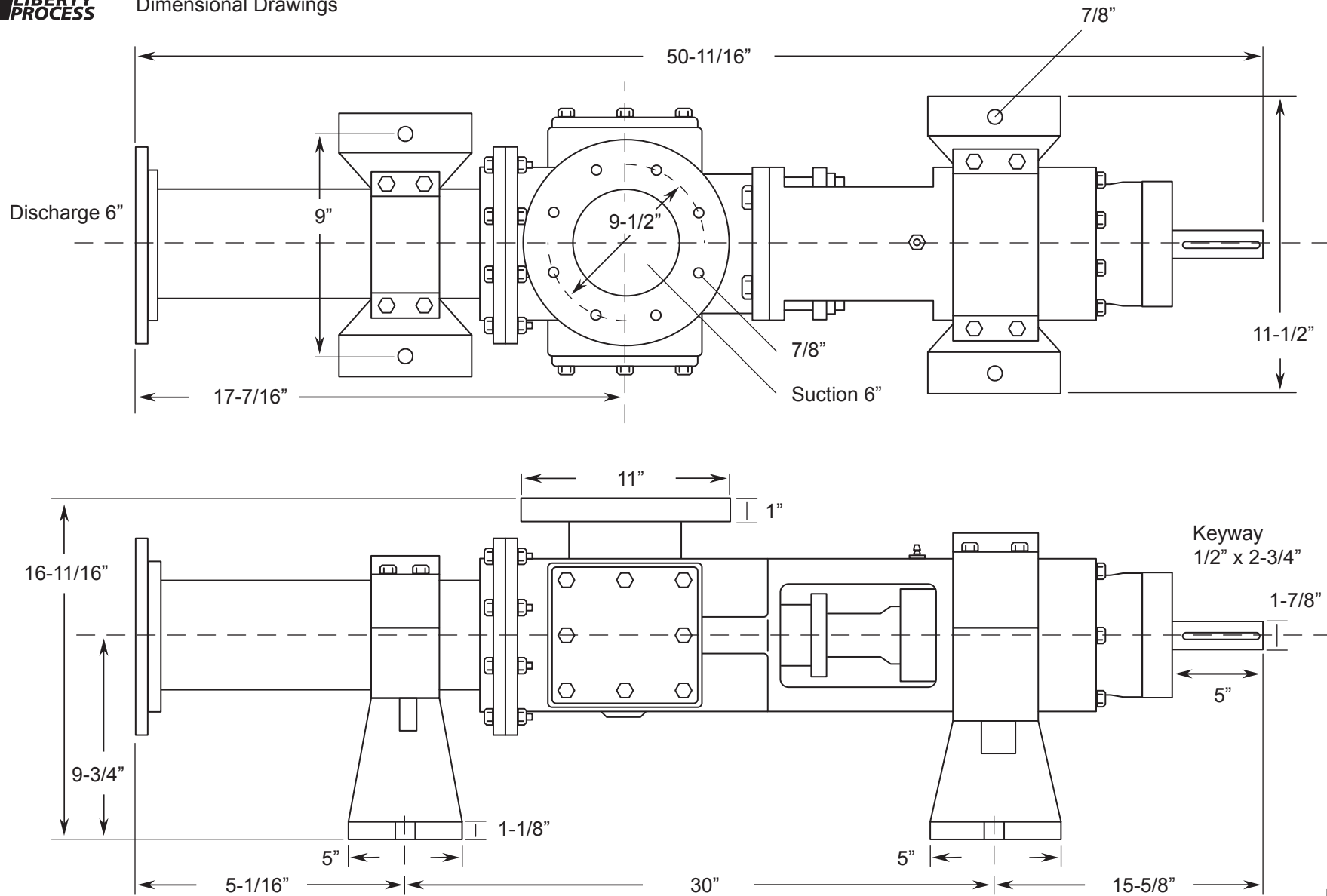
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SWGL SERIES - ISWGL10

Progressive Cavity Pump

Dimensional Drawings



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ALL DIMN: Inches

Net weight

≈ lbs.

492

1 Stage Pump

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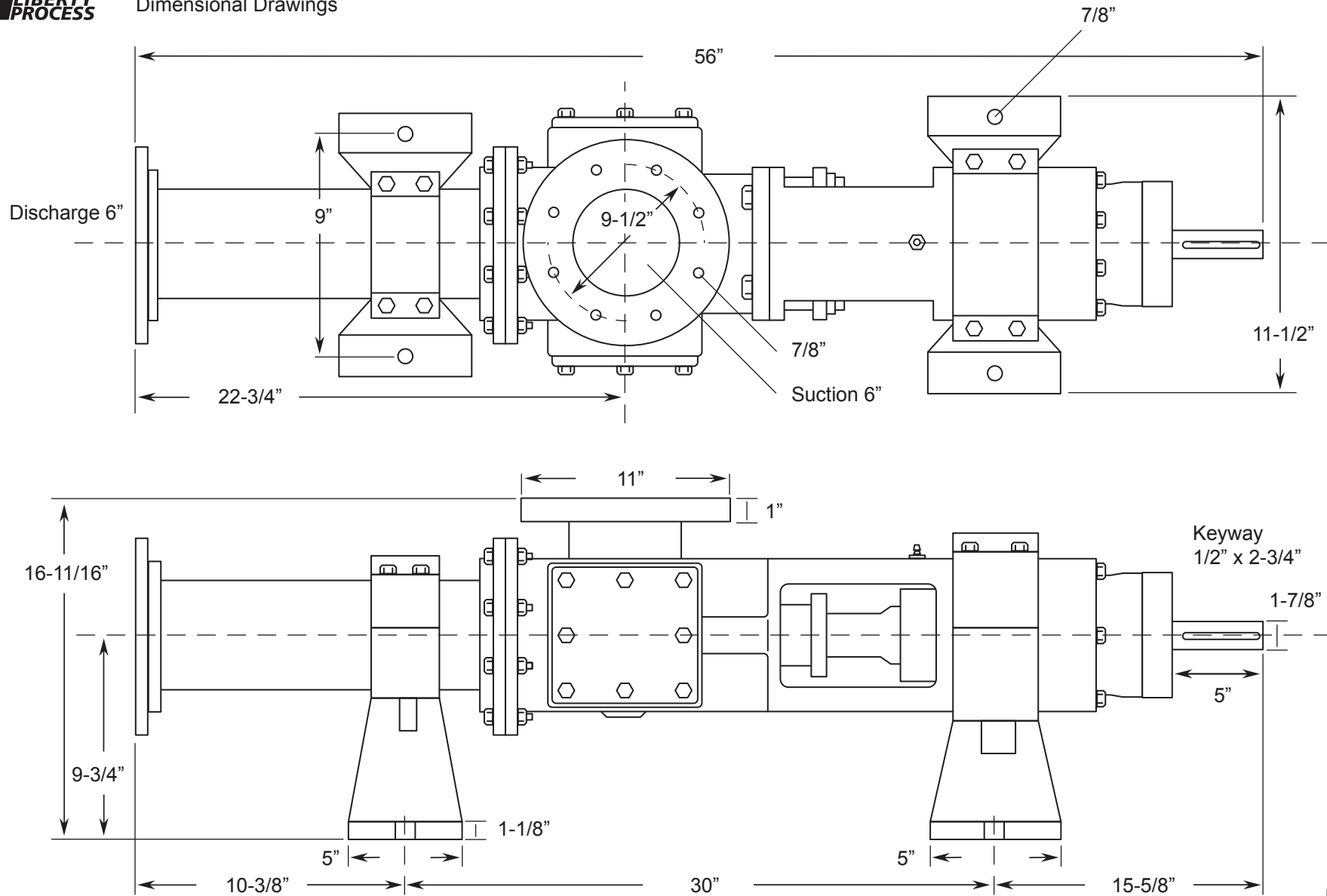
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SWGL SERIES - ISWGL10H

Progressive Cavity Pump

Dimensional Drawings



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ALL DIMN: Inches

Net weight

≈ lbs.

494

1 Stage Pump

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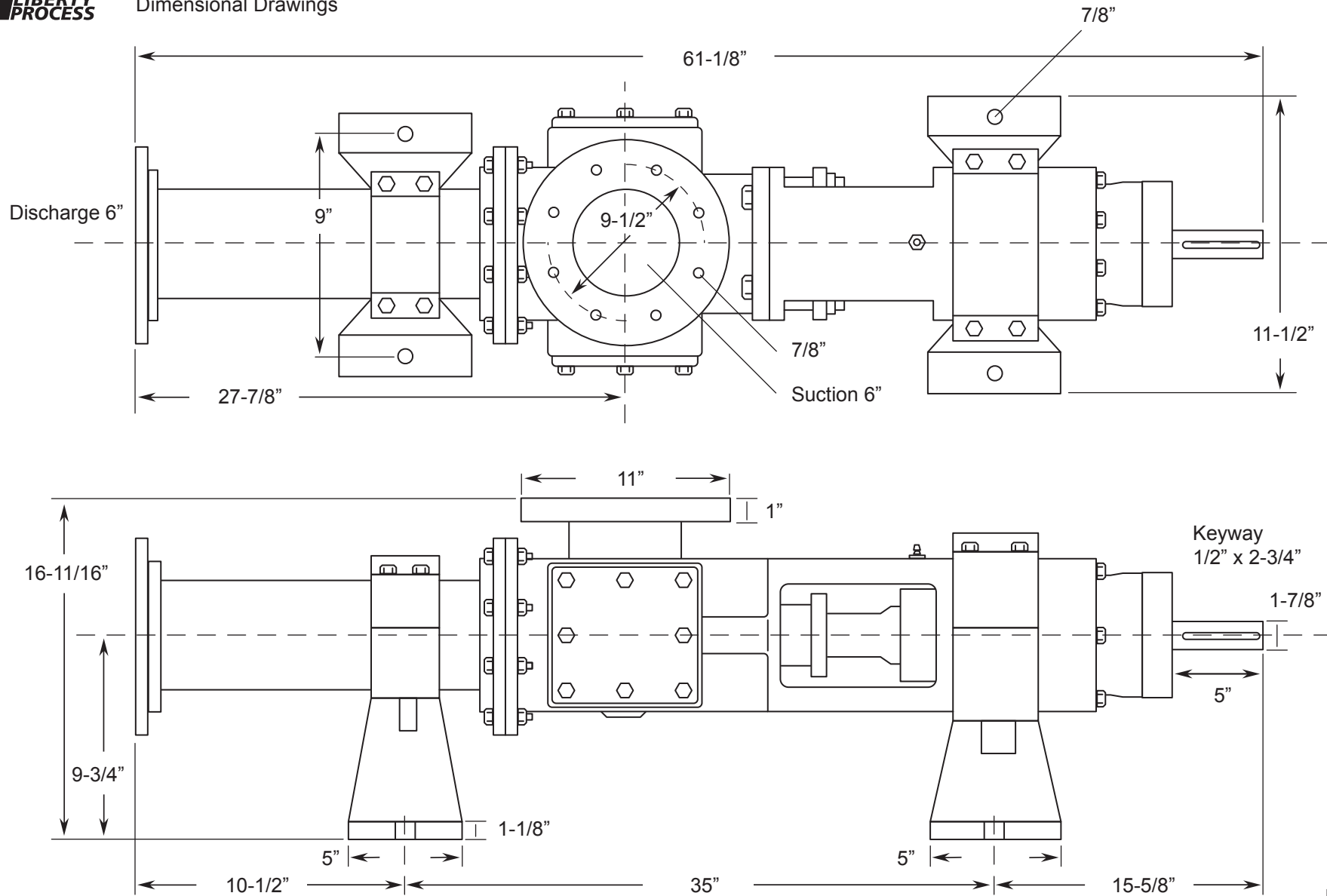
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SWGL SERIES - 2SWGL10

Progressive Cavity Pump

Dimensional Drawings



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ALL DIMN: Inches

Net weight

≈ lbs.

580

2 Stage Pump

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Dimensional Drawings

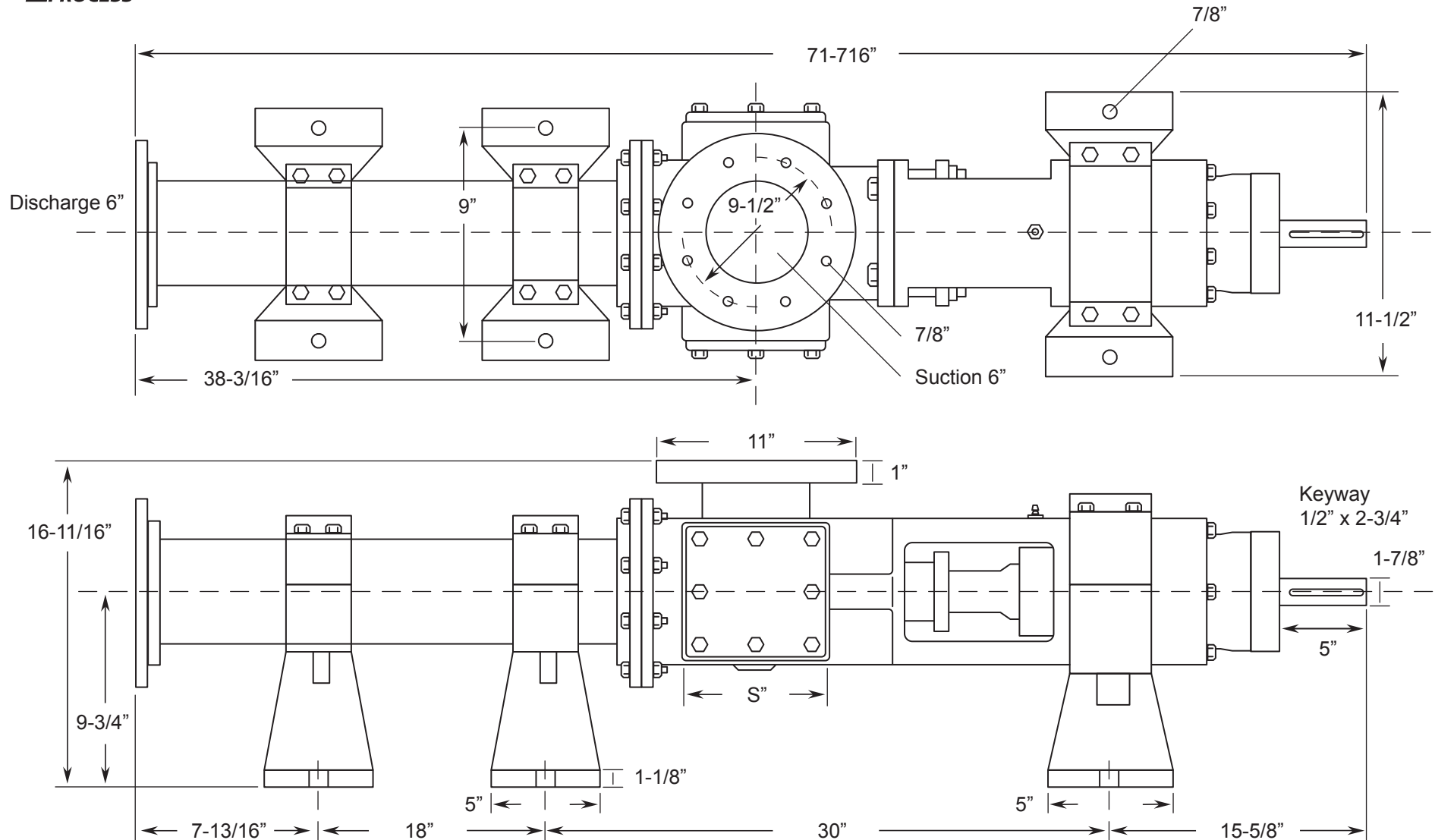
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SWGL SERIES - 3SWGL10

Progressive Cavity Pump

Dimensional Drawings



Net weight

≈ lbs.

615

ALL DIMN: Inches

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3 Stage Pump

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