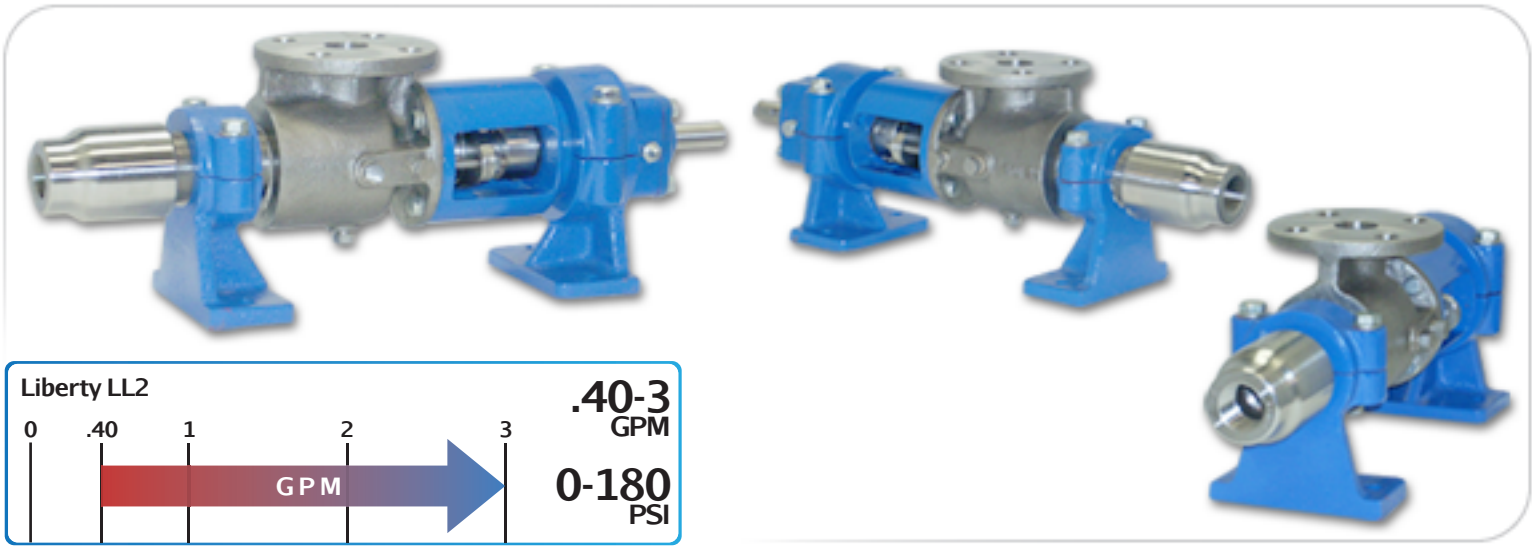
LIBERTY SERIES - LL2

Progressive Cavity Pump

CALL TOLL FREE 877-742-2878
FOR SALES AND SUPPORT

Return to BurtProcess.com



Features

- Modular Design
- Maintenance Free
- Easy Assembly/Disassembly
- Simple Pin Joint Design
- NPT Discharge Connections
- Low Shear
- Non-Pulsating

Materials

Rotor: *Tool Steel & Stainless Steel, Chrome-Plated*

Stator: *Buna, Rubber, Viton™, EPDM*

Motor: *1/10, 1/8, 1/6, 1/4, 1/3, 1/2, and 3/4 hp*

Inlet: *1"*

Outlet: *3/4"*

Bases: *Steel and Stainless Steel*

Curves

Click Links Below

1-Stage	2-Stage	3-Stage
1LL2	**2LL2**	**3LL2**

Drawings

Click Links Below

1-Stage	2-Stage	3-Stage
1LL2	**2LL2**	**3LL2**

Pump Description

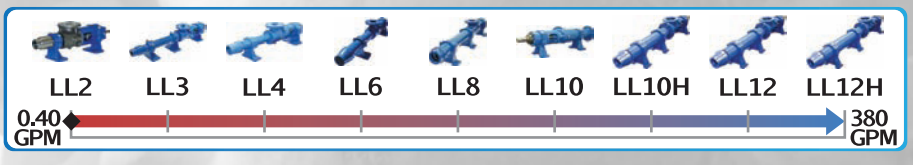
The Liberty LL2 PC Pump is an ideal low-flow Progressive CavityPump for polymer transfer, chemical feed and sampling/ dosing applications. The Liberty LL2 Series low-flow design (.260 gpm/100 revolutions) is a standard flanged pump manufactured with cast iron or 316 stainless steel casings and designed in 1, 2, and 3 stages for 60, 120, and 180 psi discharge pressures.

The pump units modular design with simple pinned joint drive assembly makes it an ideal cost-effective choice for all of your low-flow applications. Rotors are typically hardened tool steel or 316 stainless steel with a hard chrome plating specification. All other wetted parts are either carbon steel or 316 stainless steel. Stators are available in many elastomer materials such as buna, natural rubber, epdm and viton.

The standard seal design is a set of gland packing with a Lantern Ring and flush connections; Mechanical seal options are readily available.The Liberty unit is a low-cost, maintenance free, dependable drop-in replacement low-flow progressive cavity pump.

The Liberty LL2 Progressive Cavity Pump parts are direct aftermarket replacements that work with the Moyno™ L2 Series, Tarby™ TL2 Series and Continental™ CL2 Series.*

Contact a Liberty Process representative today for more information about the LL2 Series.



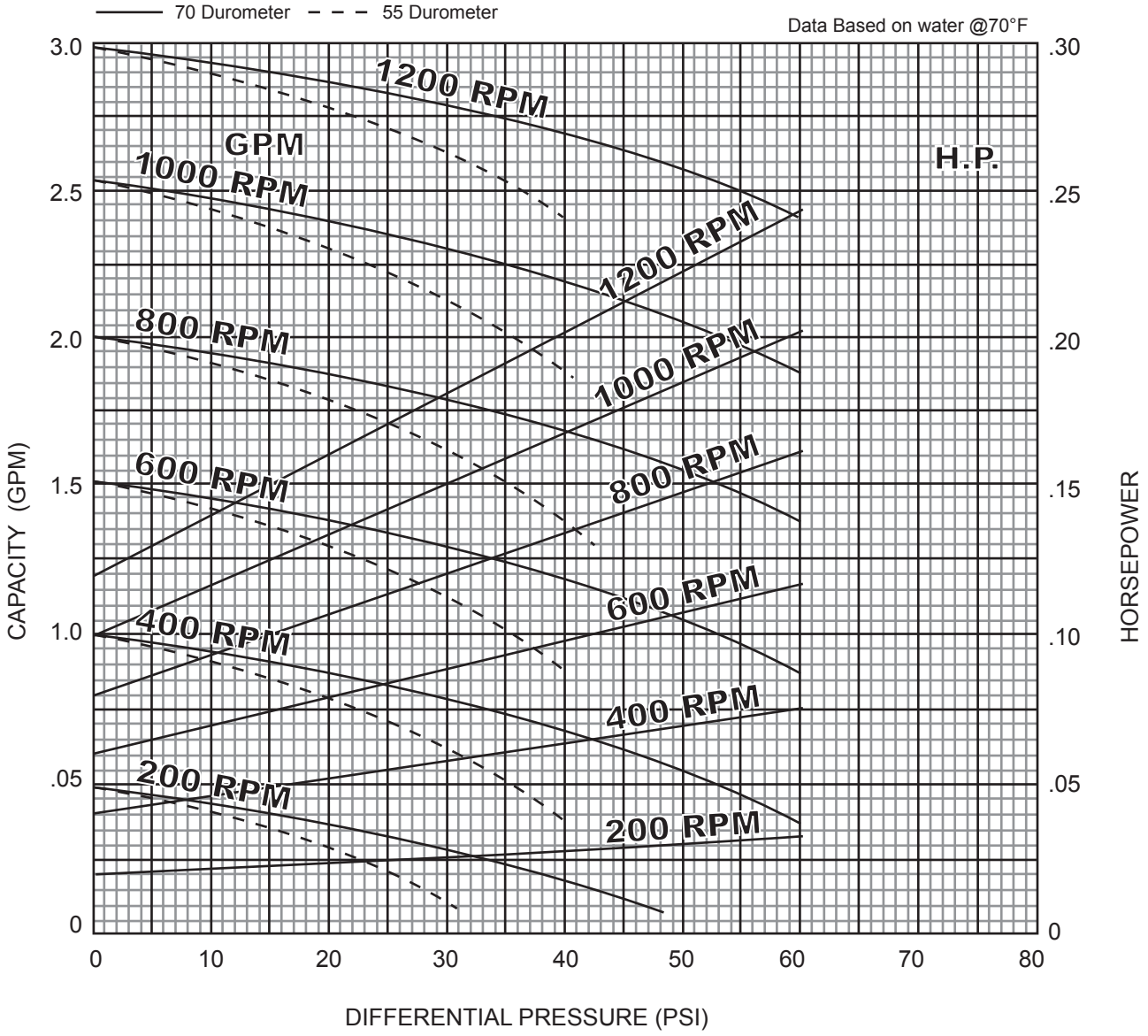
P: 847.640.7867 F: 847.640.7855
2525 Clearbrook Drive Arlington Heights, IL 60005

LIBERTY SERIES - ILL2

Progressive Cavity Pump

Performance Curves

RPM	200	400	600	800	1000	1200
NPSH REQ'D	.5	.9	1.3	1.7	2.1	2.5
MIN. HP	1/10	1/8	1/6	1/4	1/4	1/3



1 Stage Pump

BACK TO TOP

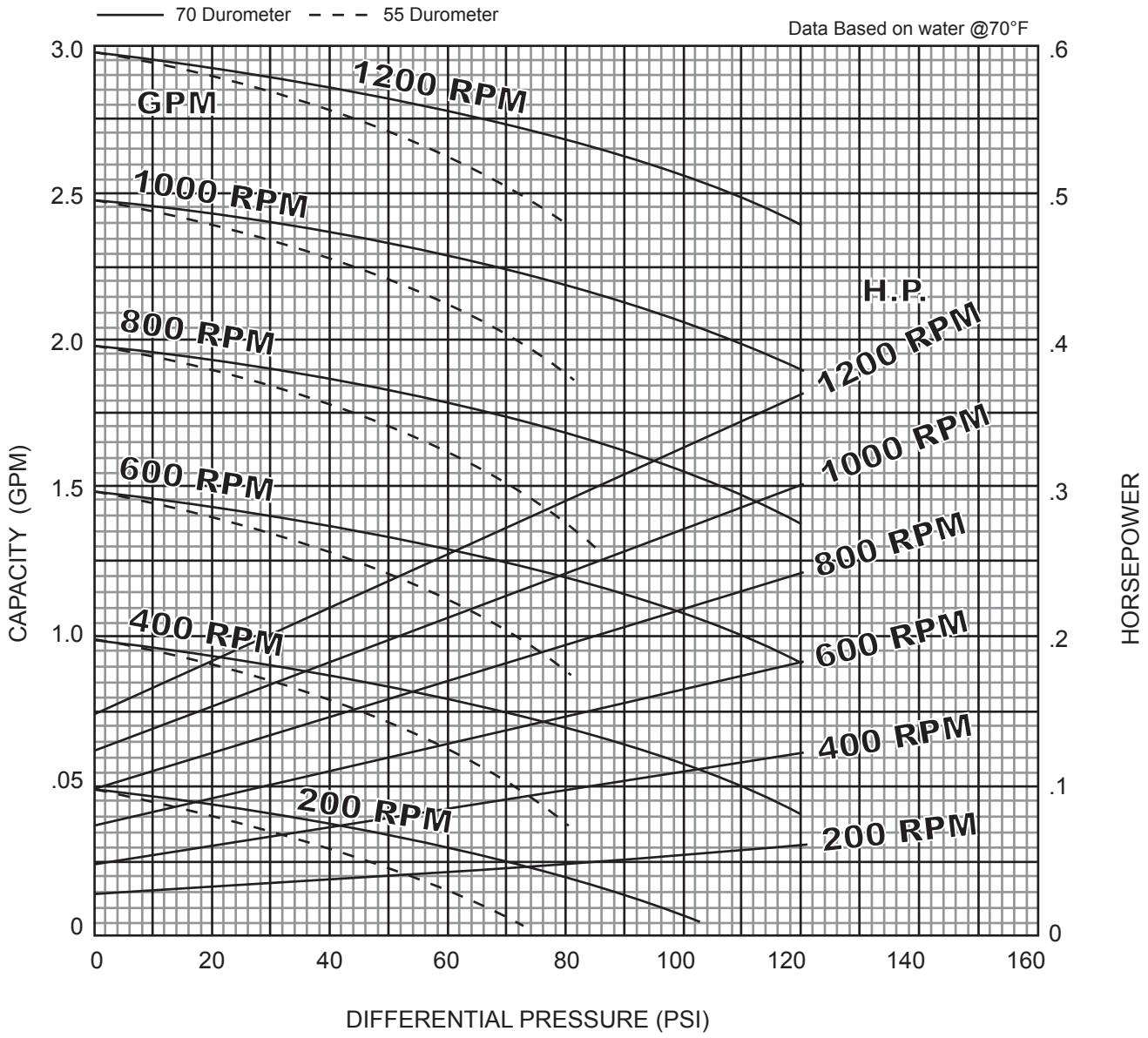
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www.libertyprocess.com

LIBERTY SERIES - 2LL2

Progressive Cavity Pump

Performance Curves

RPM	200	400	600	800	1000	1200
NPSH REQ'D	.4	.9	1.3	1.7	2.1	2.6
MIN. HP	1/8	1/6	1/4	1/3	1/3	1/2



2 Stage Pump

BACK TO TOP

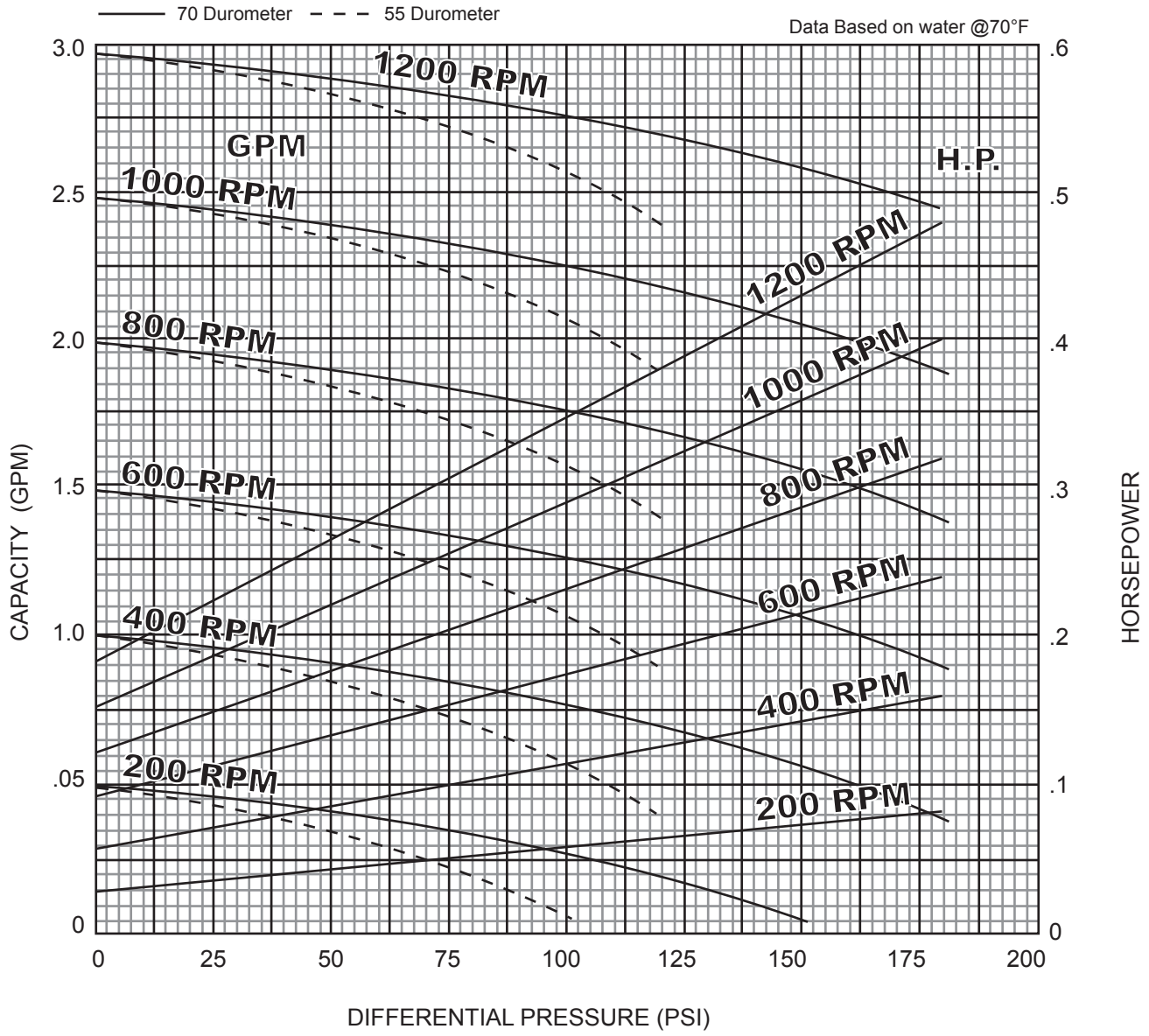
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LIBERTY SERIES - 3LL2

Progressive Cavity Pump

Performance Curves

RPM	200	400	600	800	1000	1200
NPSH REQ'D	.4	.9	1.3	1.7	2.1	2.6
MIN. HP	1/6	1/4	1/3	1/2	1/2	3/4



3 Stage Pump

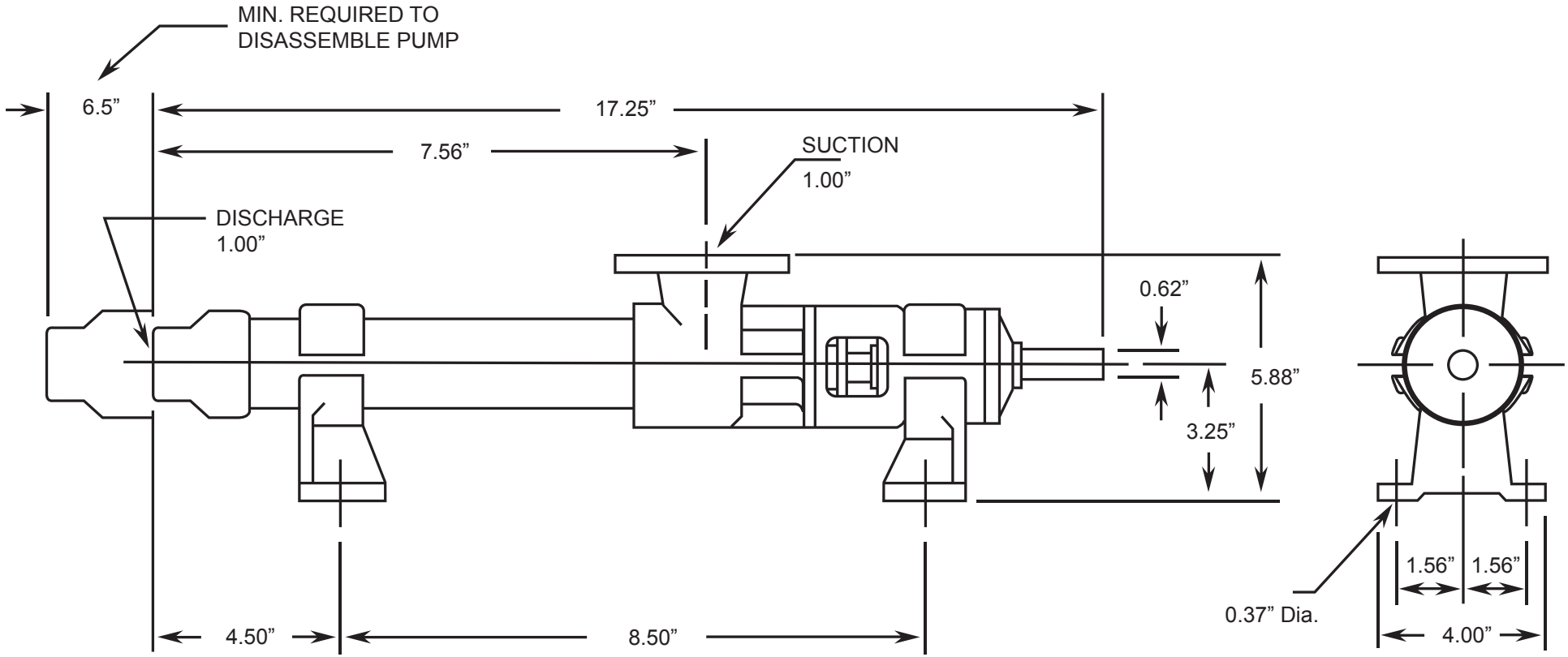
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LIBERTY SERIES - ILL2

Progressive Cavity Pump

Dimensional Drawings



Net weight
≈ lbs.
22

ALL DIMN: Inches

BACK TO TOP

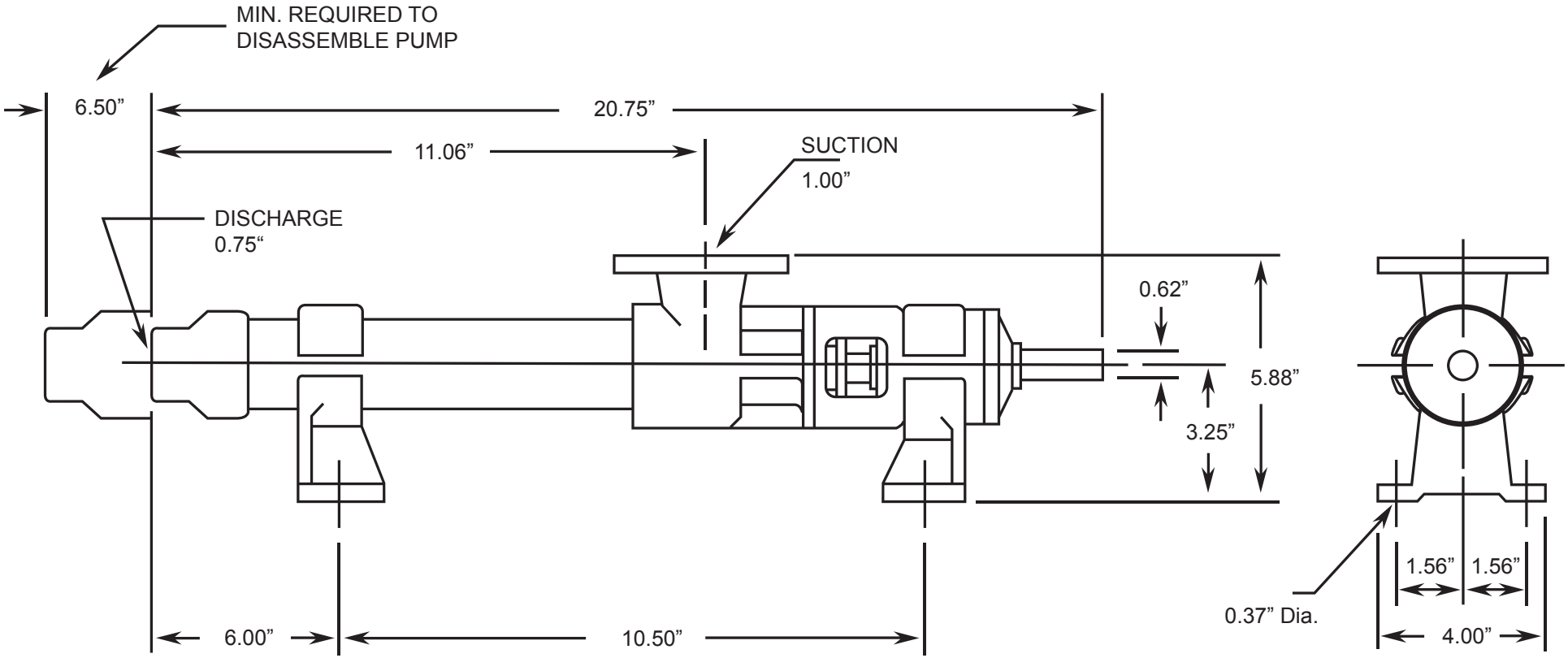
1 Stage Pump

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LIBERTY SERIES - 2LL2

Progressive Cavity Pump

Dimensional Drawings



Net weight
≈ lbs.
25

ALL DIMN: Inches

BACK TO TOP

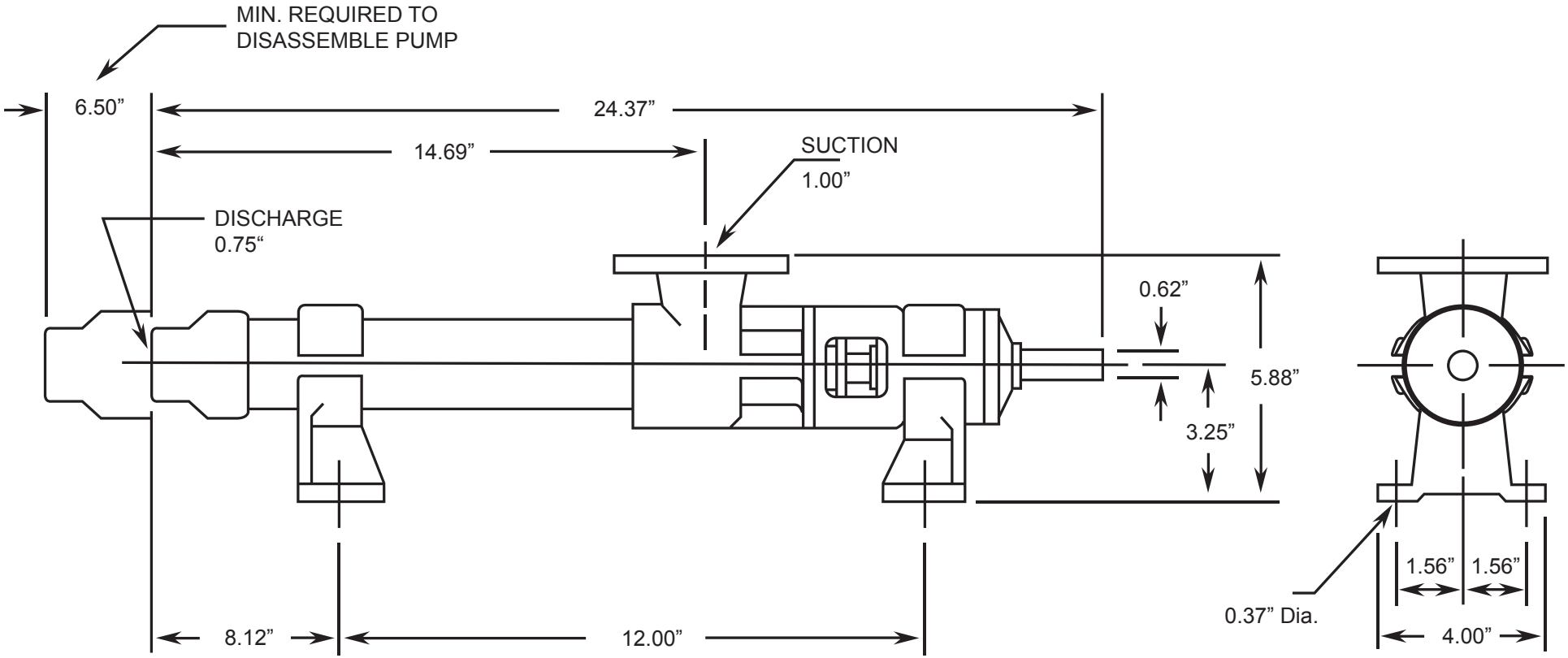
2 Stage Pump

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LIBERTY SERIES - 3LL2

Progressive Cavity Pump

Dimensional Drawings



Net weight
≈ lbs.
31

ALL DIMN: Inches

BACK TO TOP

3 Stage Pump

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