

AODD Diaphragm Pump DP112A-107/DP12P-107 SERIES



Specifications

Port Dimensions (107 GPM Max.)	
Intake & discharge connection:	
Polypropylene (PPG)	1-1/2" ANSI B16.5 #150
Aluminum (ADC-12)	1-1/2" ANSI B16.5 #150
Air inlet (incl. ball valve):	1/2" Female NPT
Air exhaust (incl. silencer):	1" Female NPT
Maximum Liquid Temperature*	
Diaphragm Material	Temperature
Buna N	180°F (82°C)
Viton®	248°F (120°C)
Santoprene® (TPO)**	212°F (100°C)
Air Supply Pressure (All Models)	20-100 PSI
Discharge Volume Per Cycle	Rubber diaphragm: 0.73 gallons.
Maximum Cycles Per Minute	Rubber diaphragms: 148
Maximum Size Solid	9/32" (7 mm)
Maximum Dry Suction Lift	Rubber fitted pump capability: 18'
Air Motor	Aluminum air motor is standard.
Valve Type	Ball

*The maximum liquid temperature for metal pumps is determined by the elastomer (diaphragm material). Polypropylene pumps have a maximum liquid temperature of 180°F (82°C) regardless of diaphragm material.

** Notes: Santoprene® fitted pumps include EPDM wetted o-rings.



Aluminum
Dimensions:
16.18"W x 27.91"H
Net Wt.: 68 lbs. (28.9 kg)
Shipping Wt.: 75 lbs



Polypropylene
Dimensions:
15.75"W x 29.61"H
Net Wt.: 70 lbs. (29.9 kg)
Shipping Wt.: 78 lbs

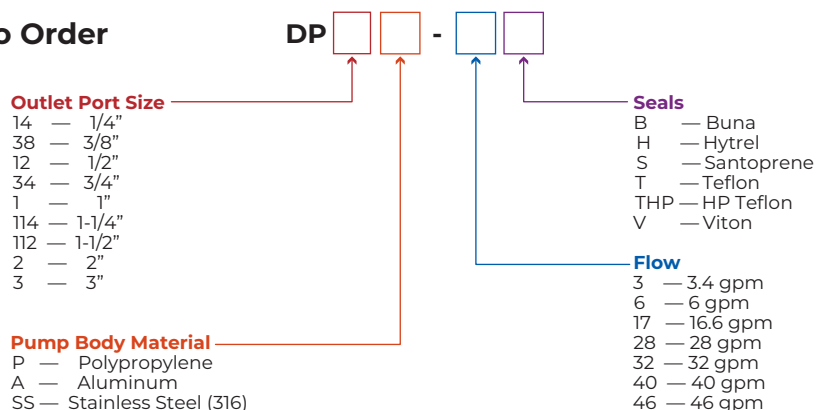
Series Models

DP112A-107B

DP112P-107S

DP112P-107V

How to Order



Reference:
+ Corrosion Resistance
Guide: 36800

BIJUR DELIMON INTERNATIONAL

(919) 465-4448 **LOCAL**
(800) 631-0168 **TOLL-FREE**
(919) 465-0516 **FAX**

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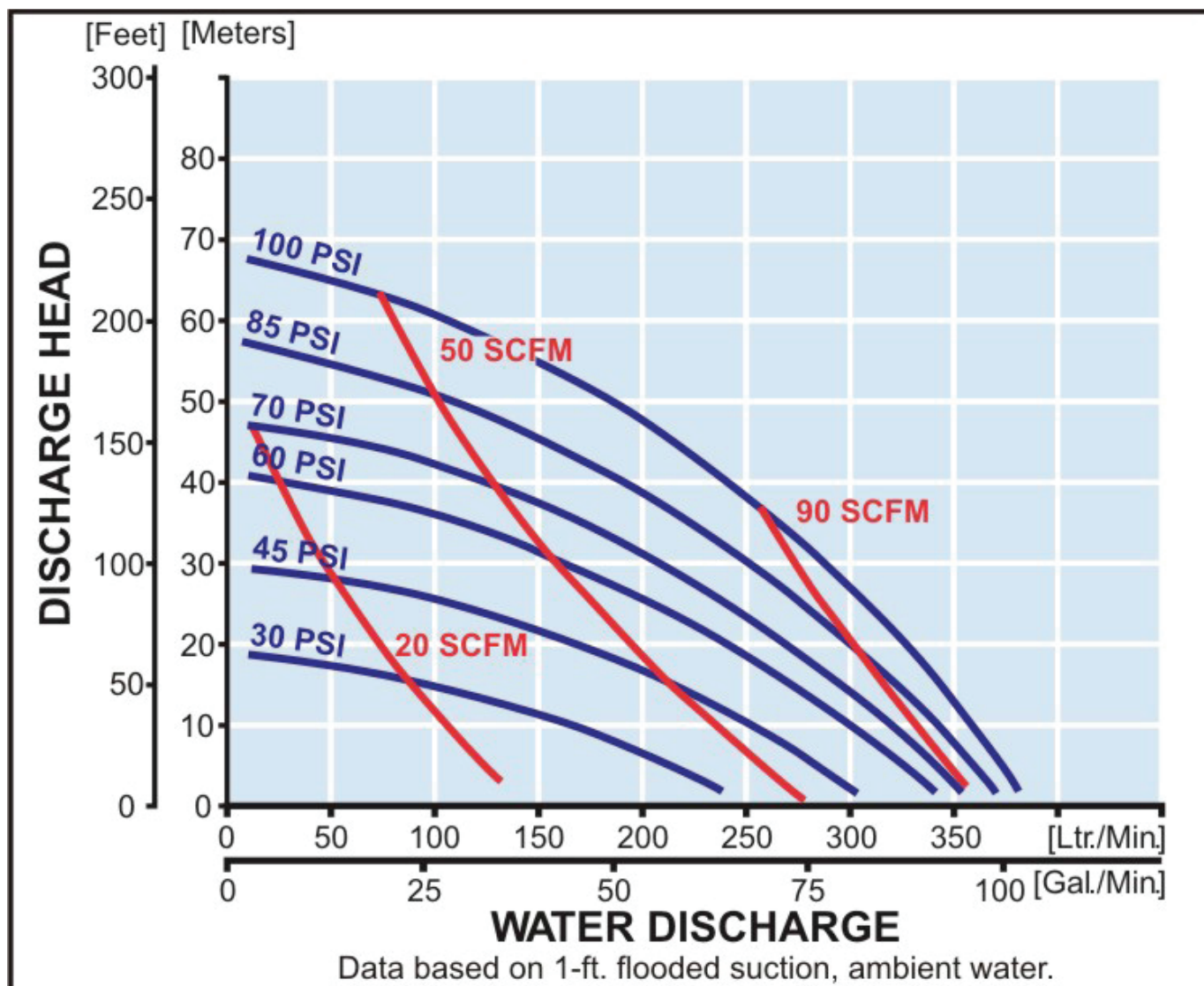
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Performance Curve

DP112A-107B, DP112P-107S, DP112P-107V

Rubber Diaphragm Performance Curve



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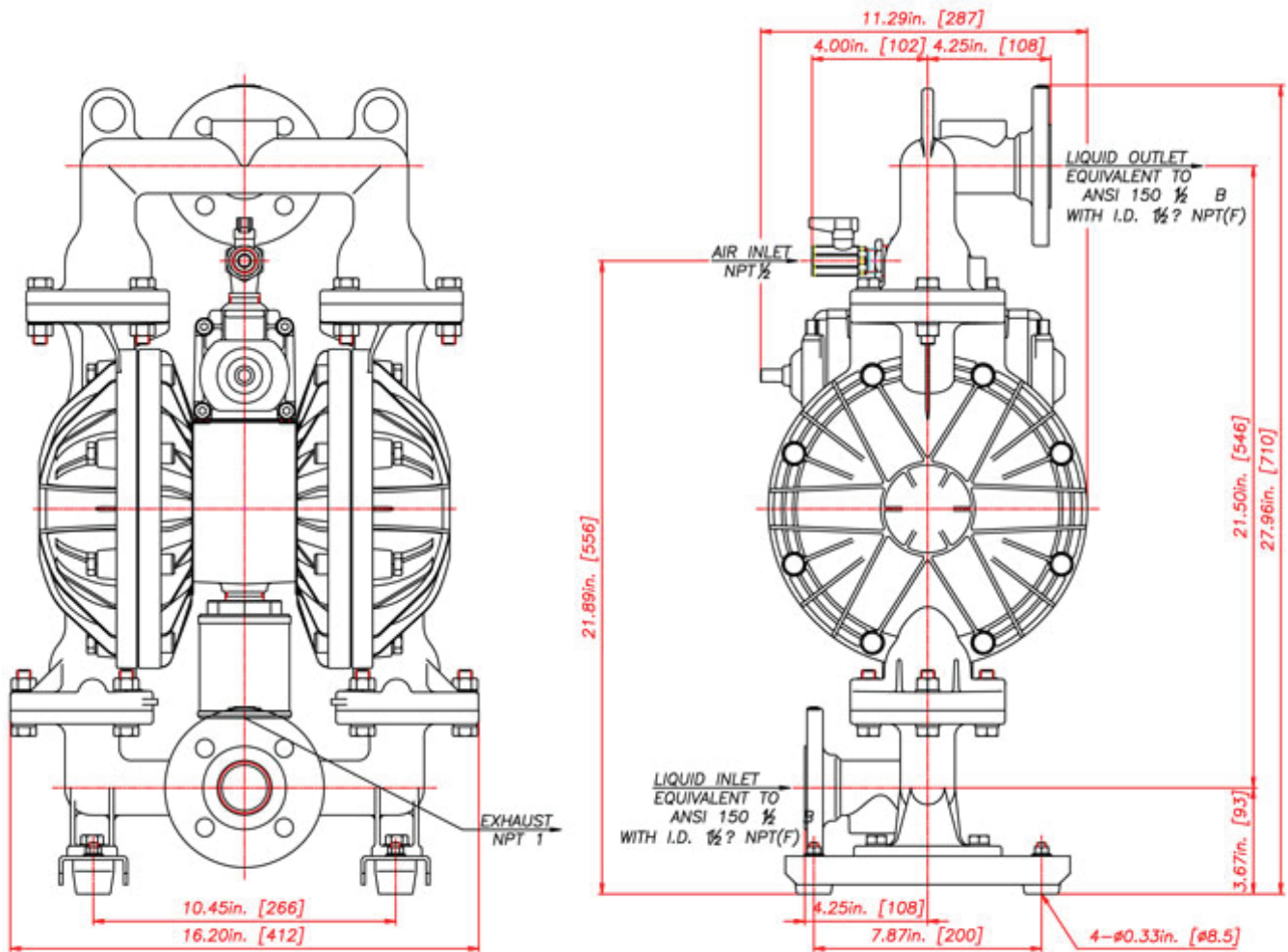
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Dimensional Drawing

DP3112A-107B



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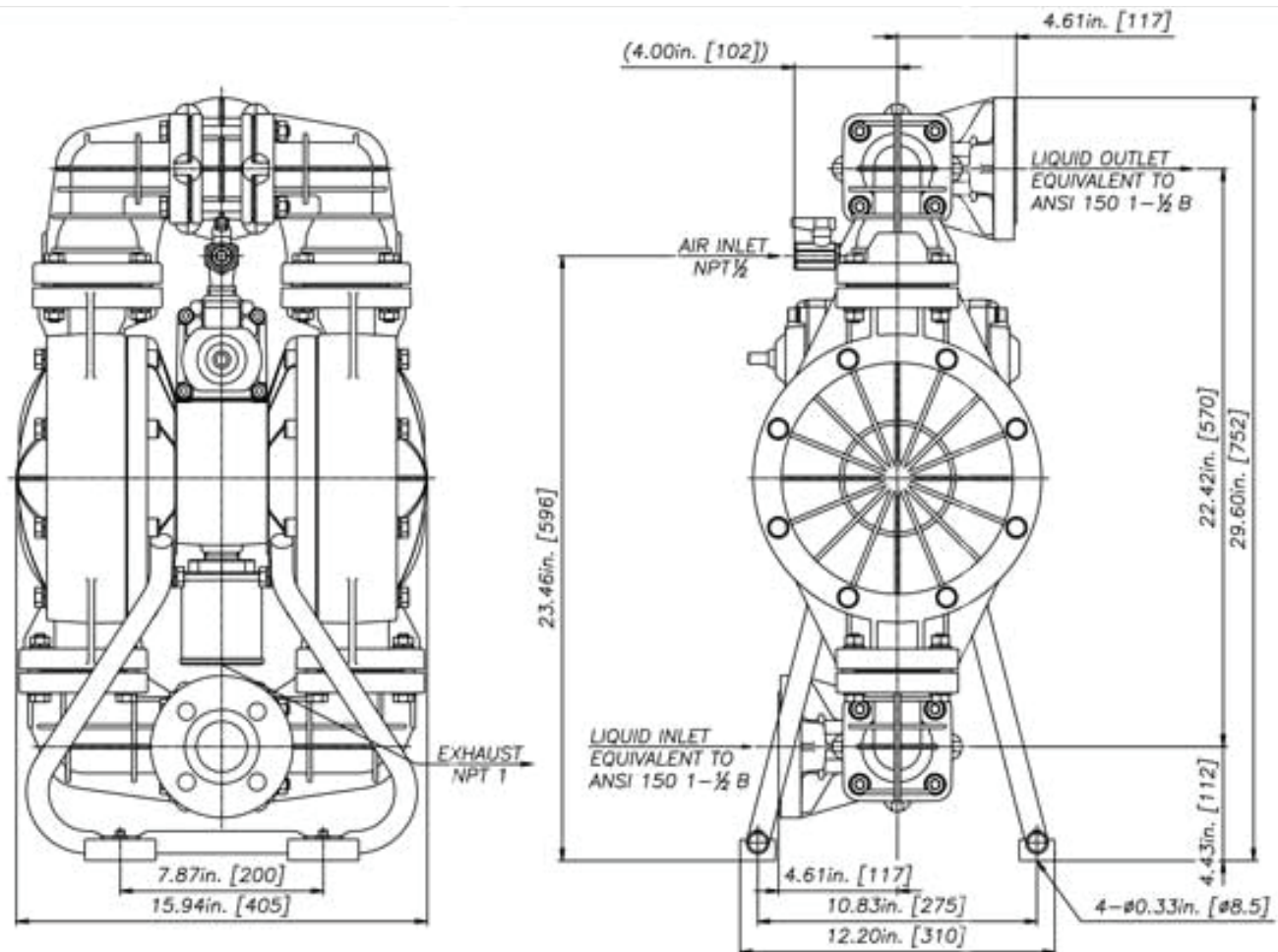
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Dimensional Drawing

DP112P-107S, DP112P-107V



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