

AODD Diaphragm Pump

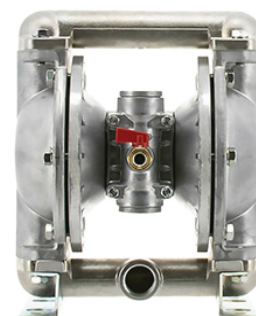
DP1A-40 SERIES



Specifications

Port Dimensions (40.1 GPM Max.)	
Intake & discharge connection:	
Aluminum	1" Female NPT
Air inlet (incl. ball valve):	3/8" Female NPT
Air exhaust (incl. silencer):	3/4" Female NPT
Maximum Liquid Temperature*	
Diaphragm Material	Temperature
Buna N	180°F (82°C)
Hytrel® (TPE)	248°F (120°C)
PTFE Teflon	212°F (100°C)
Air Supply Pressure (All Models)	
20–100 PSI	
Discharge Volume Per Cycle	Rubber diaphragm: 0.158 gallons
	PTFE Teflon diaphragm: 0.118 gallons
Maximum Cycles Per Minute	Rubber diaphragm: 253
	PTFE Teflon diaphragm: 297
Maximum Size Solid	1/8" (3 mm)
Air Motor	Aluminum air motor is standard
Valve Type	Ball

*The maximum liquid temperature for metal pumps is determined by the elastomer (diaphragm material).



Aluminum (NPT)

Dimensions:
10.04"W x 12.44"H
Net Wt.: 20.3 lbs. (9.2 kg)
Shipping Wt.: 25 lbs

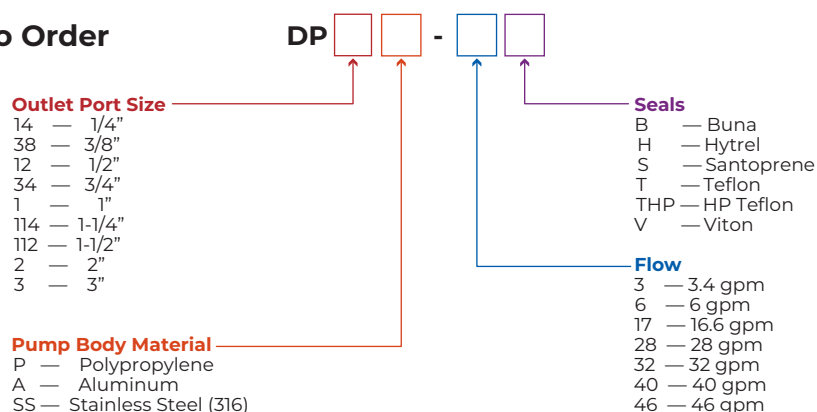
Series Models

DP1A-40H

DP1A-40B

DP1A-40T

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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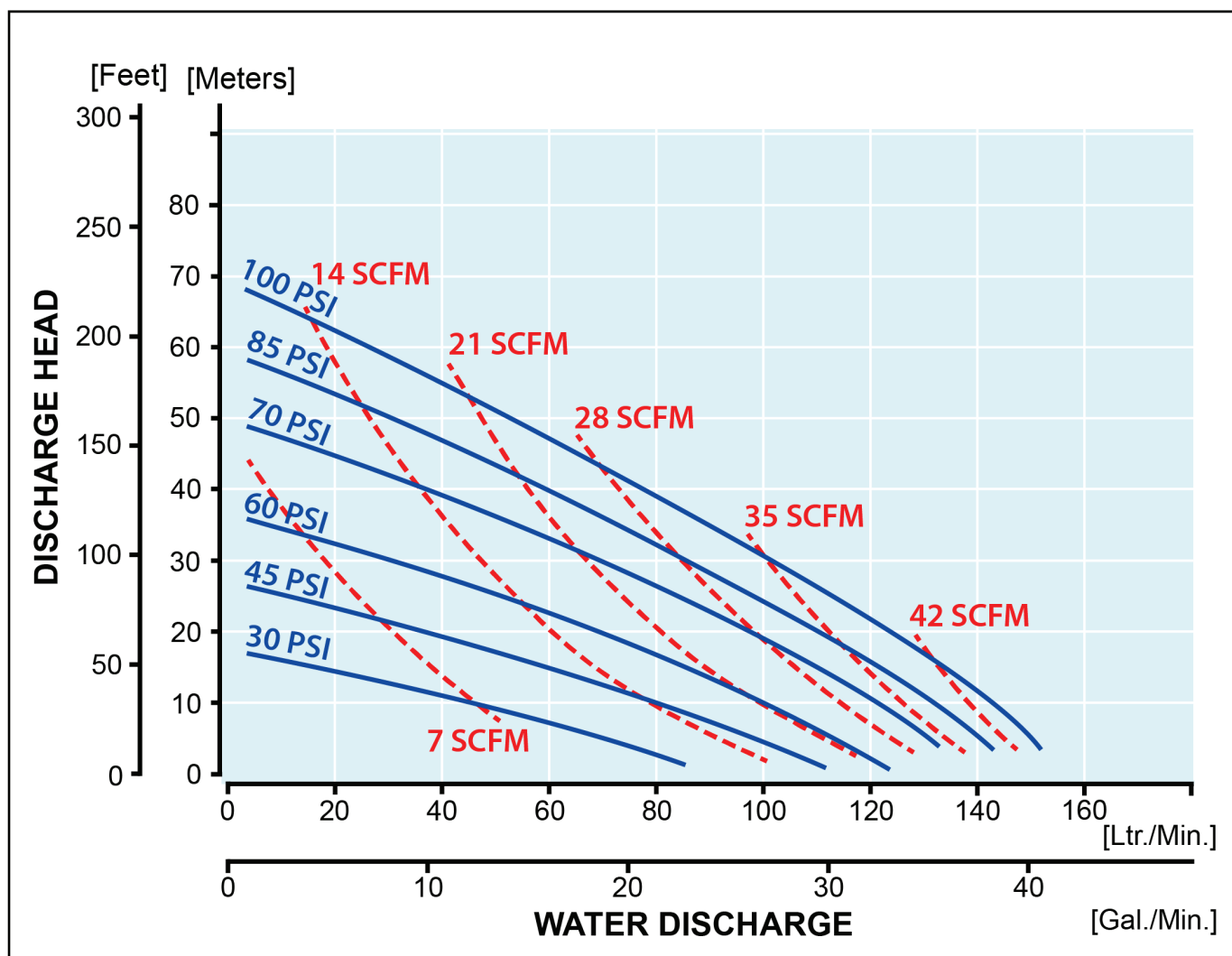
AODD Diaphragm Pump DP1A-40 SERIES



Performance Curve

DP1A-40H, DP1A-40B

Rubber Diaphragm Performance Curve



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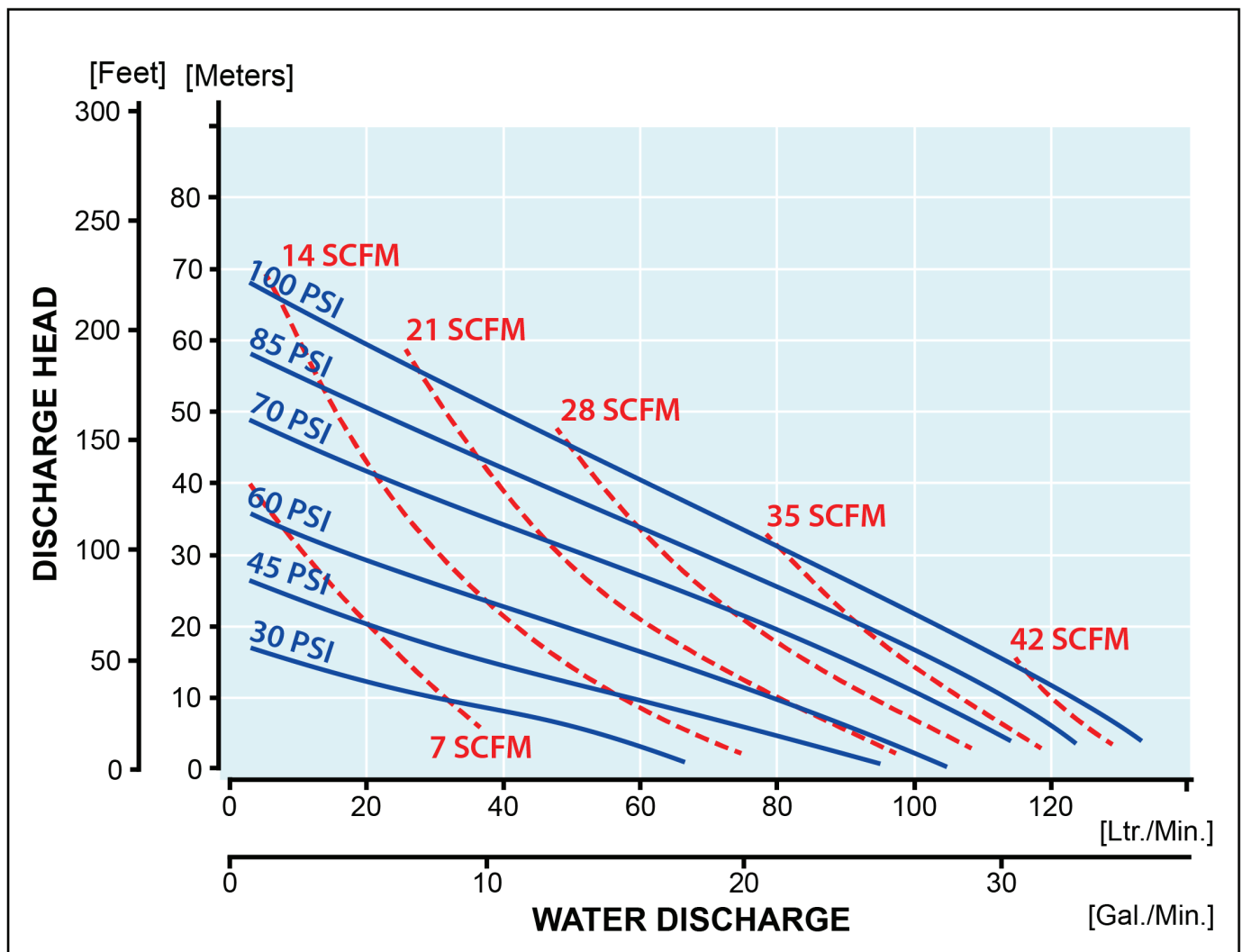
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Performance Curve

DP1A-40T

PTFE Diaphragm Performance Curve



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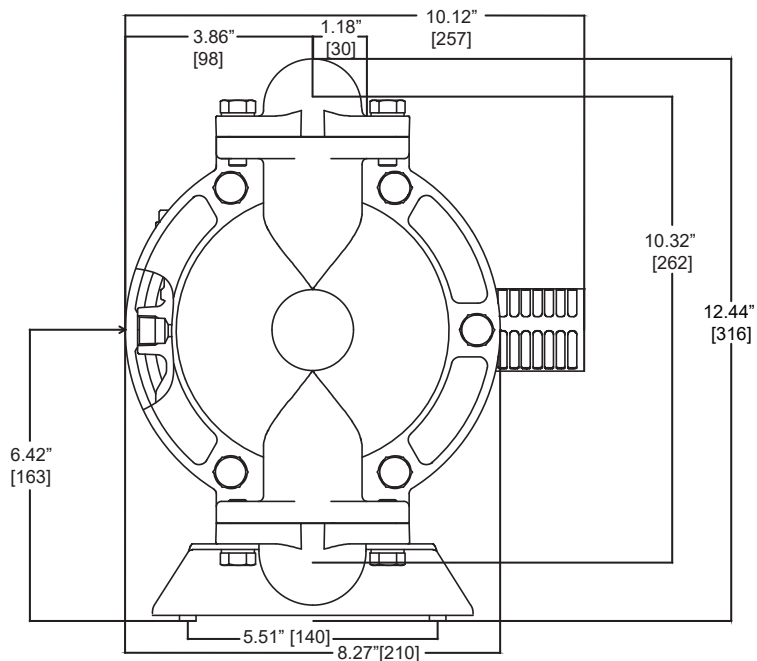
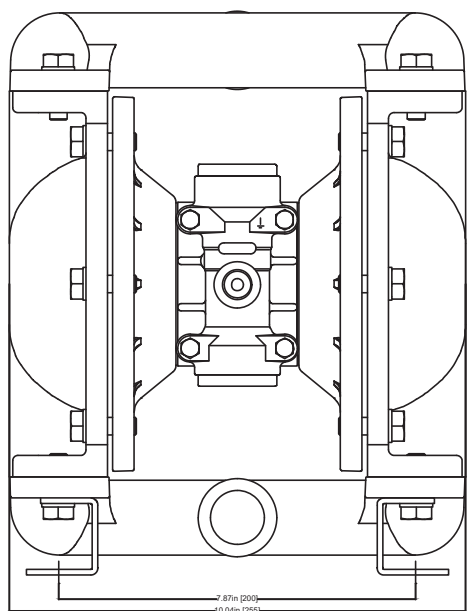
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Dimensional Drawing

DP1A-40H, DP1A-40B, DP1A-40T



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