



DINO AIR



Air Operated Double
Diaphragm Pumps



DINO TECHNOLOGY CO., LTD.
www.dino.com.tw



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Diaphragm Pumps

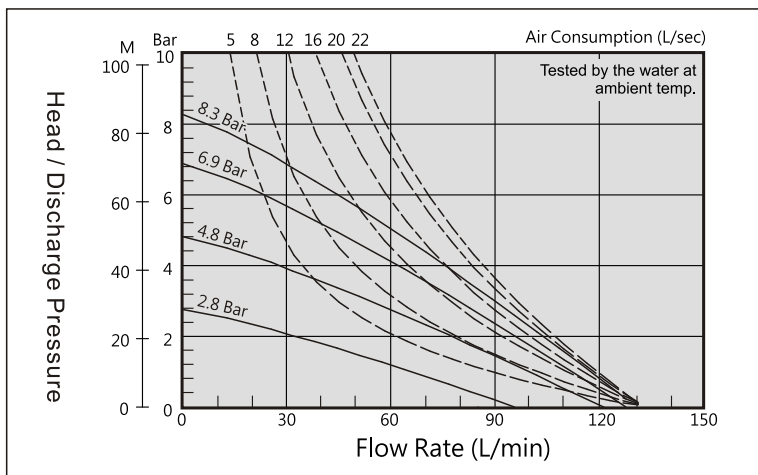
DA25 1" (Aluminum、SS)

Technical Data

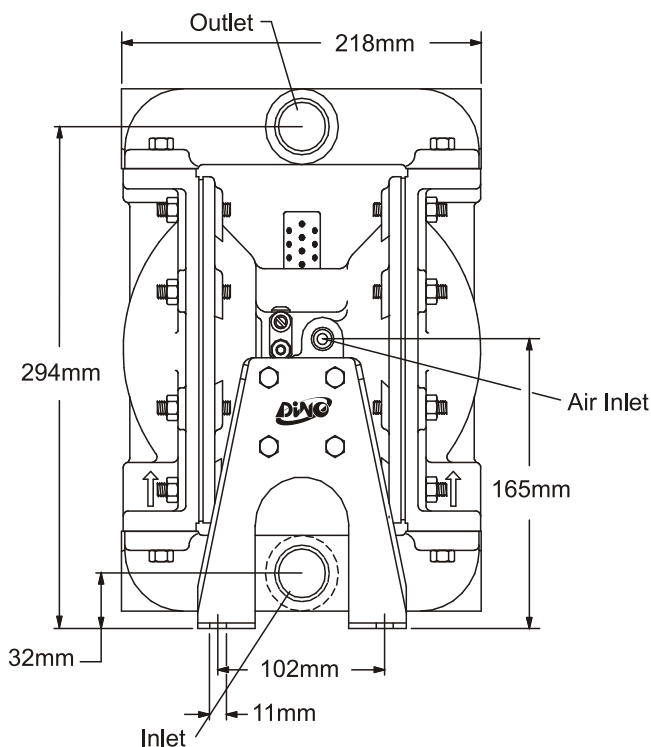
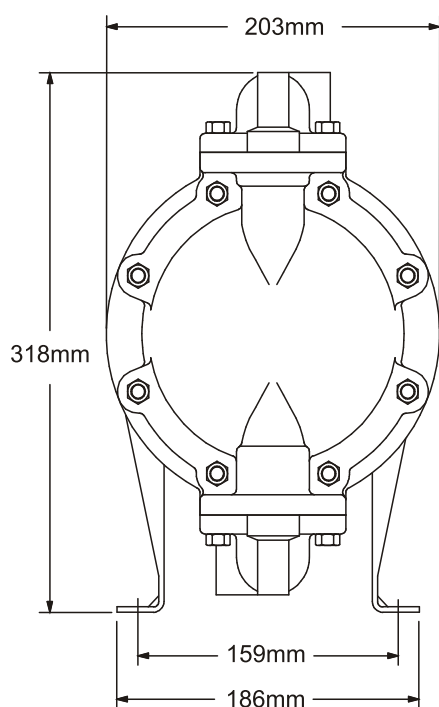
Max. Flow Rate : 131 (L/M)	Inlet / Outlet : 1" BSP
Max. Pressure : 8.3 bar	Air Inlet : 1/4" NPT
Per Cycle : 0.59 L	Air Outlet : 3/8" NPT
Max. Suction Lift (Dry) : 5 m	Max. Particle Size : 1/8" (3.2mm)
Carton Dimension : 24x24x37cm	Weight : 8.6 kgs (Aluminum) 16.3 kgs (SS)



Performance Curve



Outline Dimension





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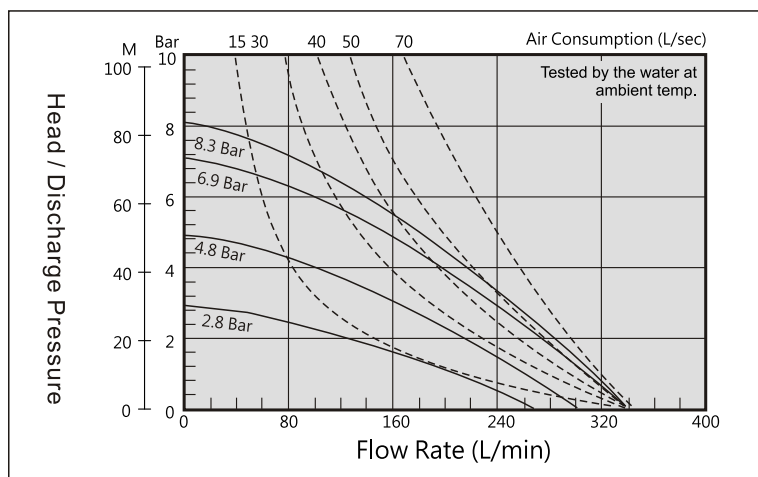
DA40 1 1/2" (Aluminum 、 SS)

Technical Data

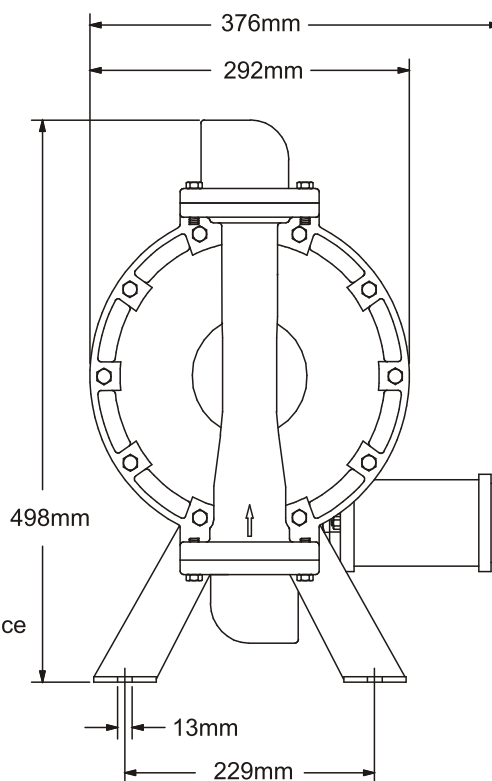
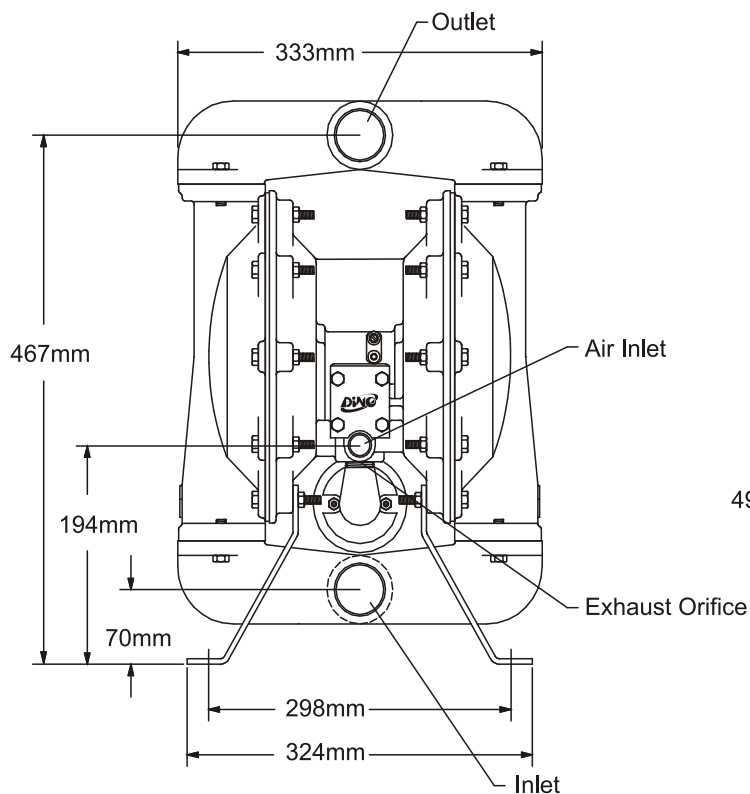
Max. Flow Rate : 337 (L/M)	Inlet / Outlet : 1 1/2" BSP
Max. Pressure : 8.3 bar	Air Inlet : 1/2" NPT
Per Cycle : 2.40 L	Air Outlet : 3/4" NPT
Max. Suction Lift (Dry) : 5 m	Max. Particle Size : 1/4" (6.4mm)
Carton Dimension : 36x33x58cm	Weight : 23.4 kgs (Aluminum) 38.3 kgs (SS)



Performance Curve



Outline Dimension





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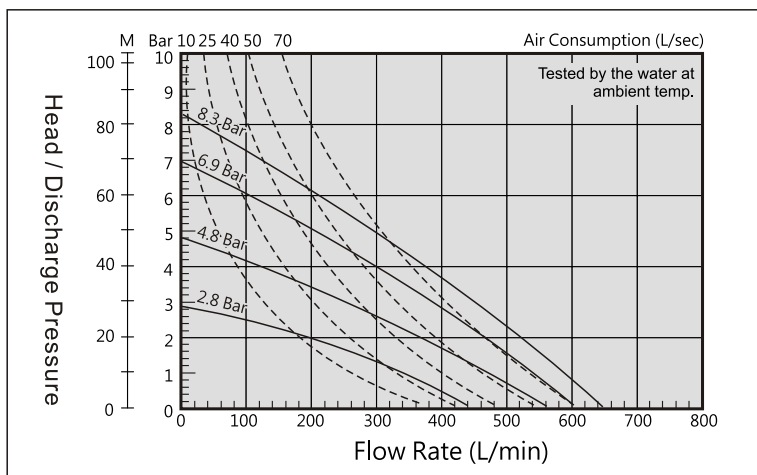
DA50 2" (Aluminum、SS)

Technical Data

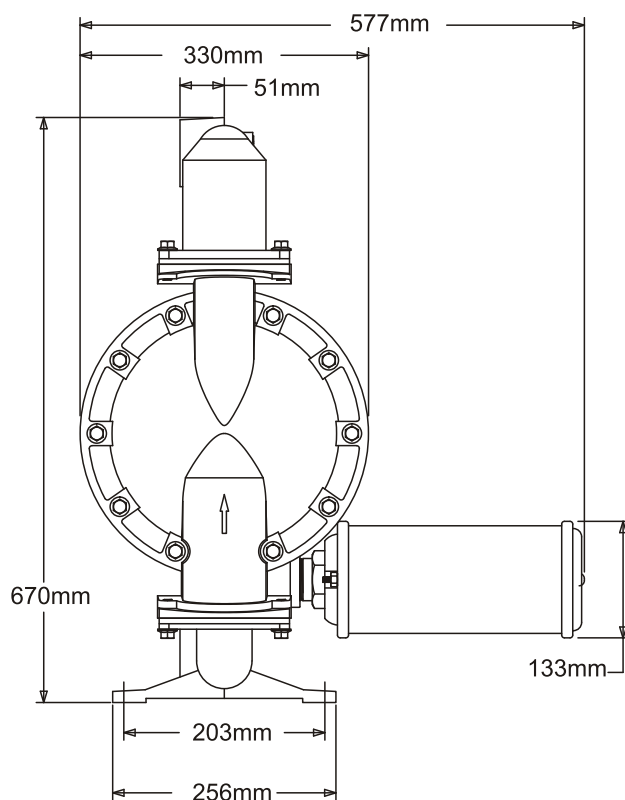
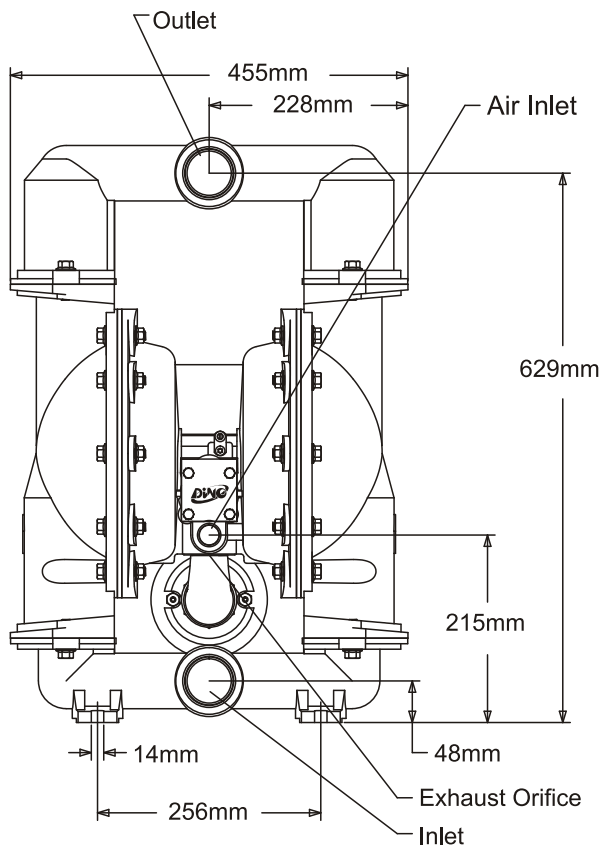
Max. Flow Rate : 642 (L/M)	Inlet / Outlet : 2" BSP
Max. Pressure : 8.3 bar	Air Inlet : 3/4" NPT
Per Cycle : 5.25 L	Air Outlet : 1 1/2" NPT
Max. Suction Lift (Dry) : 5 m	Max. Particle Size : 1/4" (6.4mm)
Carton Dimension : 72x44x89cm	Weight : 29.6 kgs (Aluminum) 58.9 kgs (SS)



Performance Curve



Outline Dimension





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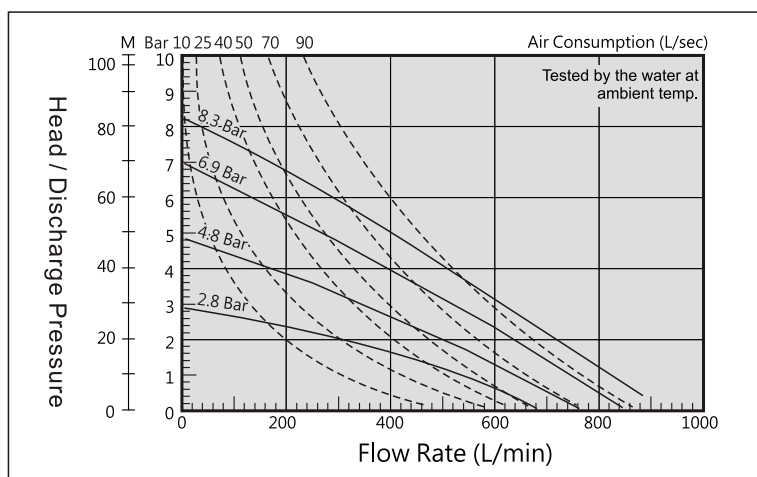
DA80 3" (Aluminum、SS)

Technical Data

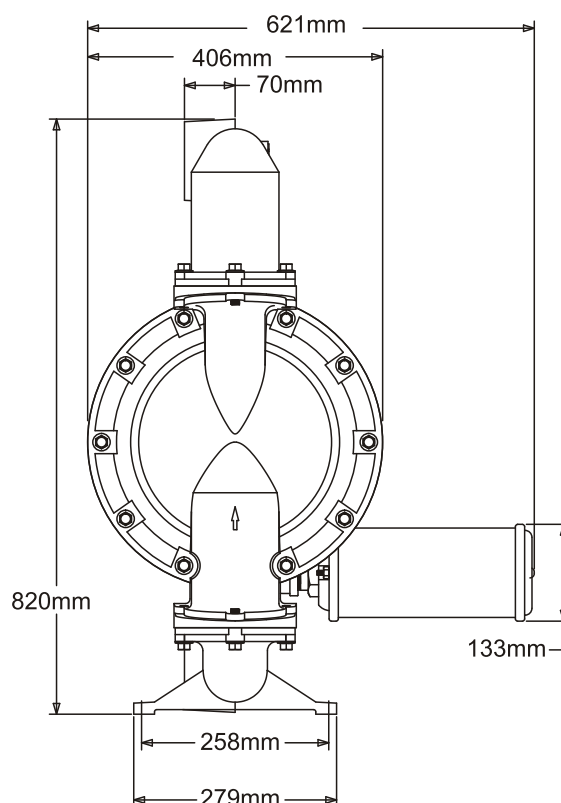
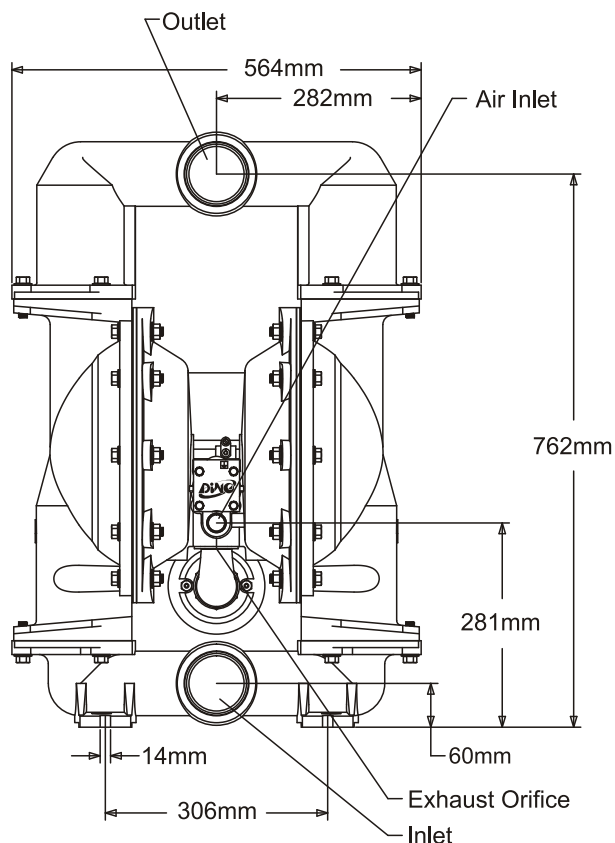
Max. Flow Rate : 885 (L/M)	Inlet / Outlet : 3" BSP
Max. Pressure : 8.3 bar	Air Inlet : 3/4" NPT
Per Cycle : 9.92 L	Air Outlet : 1 1/2" NPT
Max. Suction Lift (Dry) : 5 m	Max. Particle Size : 3/8" (9.5mm)
Carton Dimension : 72x44x89cm	Weight : 49.8 kgs (Aluminum) 100.8 kgs (SS)



Performance Curve



Outline Dimension

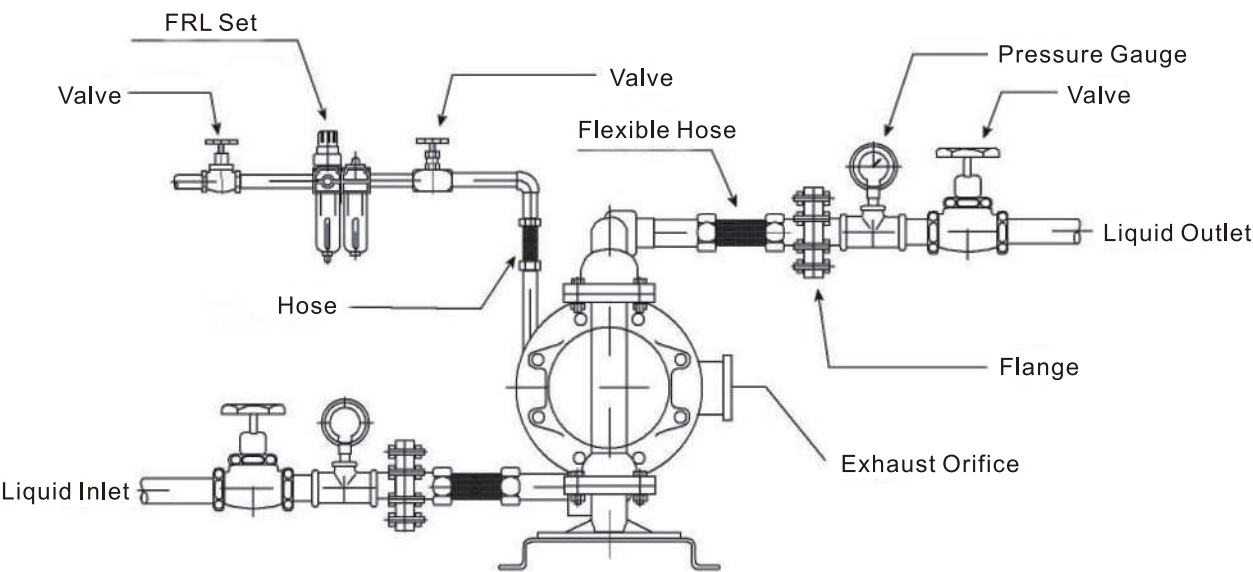




Feature

- With unbalanced valve design, the pump will never stall/shut down under high/low pressure operation.
- Lubricant-free air chamber.
- Special design of air chamber with excellent air tightness can reduce air consumption effectively.
- The valve rod has high wear resistant and long life span after hard anodized.
- Special design of diaphragm has the longest life span, highest sustainable temperature and least wear parts compared to all the other competitors.

Installation



Coding Description

DA	50	AL	AL	TF	TF
Bore Size	Fluid Section	Valve Seat	Valve Balls	Diaphragm	
25 : 1"	AL : Aluminum	AL : Aluminum	TF : Teflon	TF : Teflon	
40 : 1 1/2"	SS : SUS316	SS : SUS316	SP : Santoprene	SP : Santoprene	
50 : 2"		SP : Santoprene			
80 : 3"		PP : Polypropylene			