

DIAPHRAGM PUMPS

FEATURES & BENEFITS

Special Air system: lube-free, non-stall, non-freeze.

Efficient air distribution design: low air consumption.

Handled liquids with solids particles: ideal for abrasive and viscous media.

All plastic air system: strong and corrosion-resistant in harsh environments.

Efficient performance: high flow rates through optimal casings designs.

Can customize to specific applications:

Multiple porting options available along with interface options.

All Bolted Construction: it provides maximum leak resistance and safety.

Variable flow and head pressures, easy to adjust, without sophisticated controls. Wide Range of sizes and materials suited to variety of conditions and chemicals fluids. Safely "dead head" function, against closed discharge, without pump damage.

Self-priming dry up to 6 meters: works in suction lift applications.

100% wet tested after final assembly: deadheading, priming, and sealing.

1. Suction Cycle

Compressed air fills right inner chamber, causing the opposing diaphragm to create suction, lifting the lower valve ball, pulling in fluid at inlet. Simultaneously, the right chamber is in "Discharge" cycle.

2. Discharge Cycle

Compressed air fills left inner chamber, causing upper valve ball to open and discharge fluid. Simultaneously, the right chamber is in "Suction" cycle.



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ACCESSORIES

Art. 025-1266-001

Wall fixing bracket
For diaphragm pumps Mod. 20/35/55

**Art. 025-1266-002**

Wall fixing bracket
For diaphragm pumps Mod. 110/170/250

**Art. 025-1266-003**

Wall fixing bracket
For diaphragm pumps Mod. 400/550/700

**Art. A28-3000-001**

Stainless steel trolley base dimension 330x236
For diaphragm pumps Mod. 110/170/250

Art. A28-3000-002

Stainless steel trolley base dimension 600x270
For diaphragm pumps Mod. 400/550/700

