


MICROBOXER

 **STANDARD:** II 3/3 GD c IIB T135°C (zone 2)
CONDUCT: II 2/2 GD c IIB T135°C (zone 1)



BOXER diaphragm pumps are characterized by exceptional performance, power and strength, making them ideal for pumping liquids with high apparent viscosity even if containing suspended solids. The **stall-prevention** pneumatic system assures a safe pump running and it does **not need lubricated air**.

Self-priming dry capacity even with considerable suction head, **fine tuning of speed** without pressure loss and the **possibility of dry operation without suffering damage** mean that these pumps offer unrivalled versatility. In addition, the huge choice of construction materials allows selection of optimum chemical compatibility with the fluid and/or environment without neglecting the temperature range. They are specifically designed for **demanding applications with high humidity or in potentially explosive atmospheres (ATEX certification)**.

DIAPHRAGM PUMPS

Intake/delivery connections G 1/2" f (*) - flow rate 30 l/min

Construction materials: PP - PVDF - Alu - Aisi 316



DIAPHRAGM PUMPS



PP



PVDF

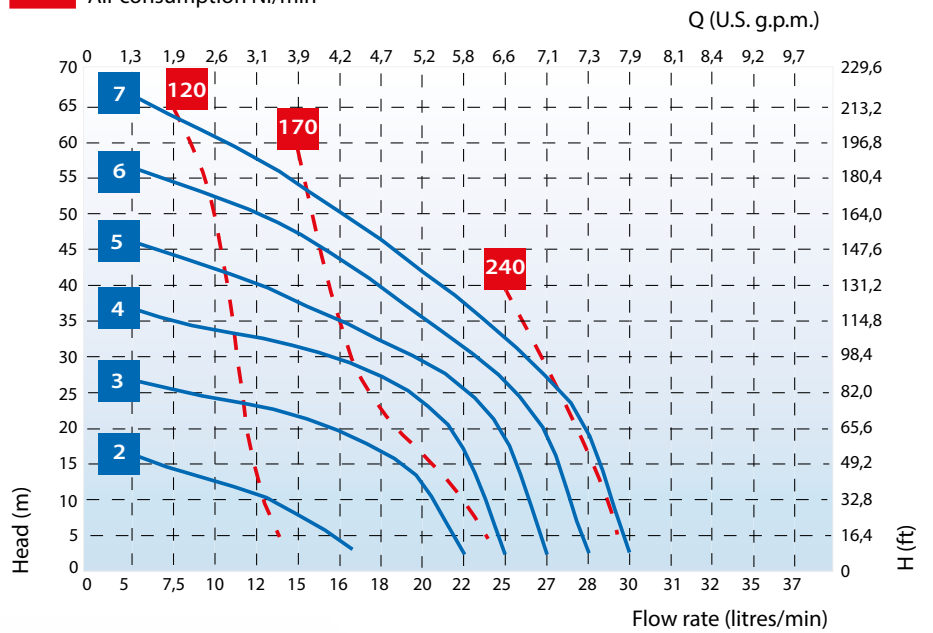


Alu



Aisi 316

■ Air supply pressure (bar)
■ Air consumption NI/min



*The curves and performance values refer to pumps with submerged suction and a free delivery outlet with water at 20°C, and vary according to the construction material. ** The value depends on the configuration of the pump.

Intake/delivery connections	G 1/2" f (*)	
Air connection	G 1/4" f	
Max. self-priming capacity**	6 m	
Flow rate max*	30 l/min	
Max. head*	70 m	
Max. air supply pressure	7 bar	
Max. diameter of passing solids	2 mm	
Construction materials and net weight	PP	1,6 Kg 65°C Max Temp.
	PVDF	1,9 Kg 95°C Max Temp.
	Alu	2 Kg 95°C Max Temp.
	Aisi 316	3,8 Kg 95°C Max Temp.

(*) NPT connections on request

