

BOXER 251



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



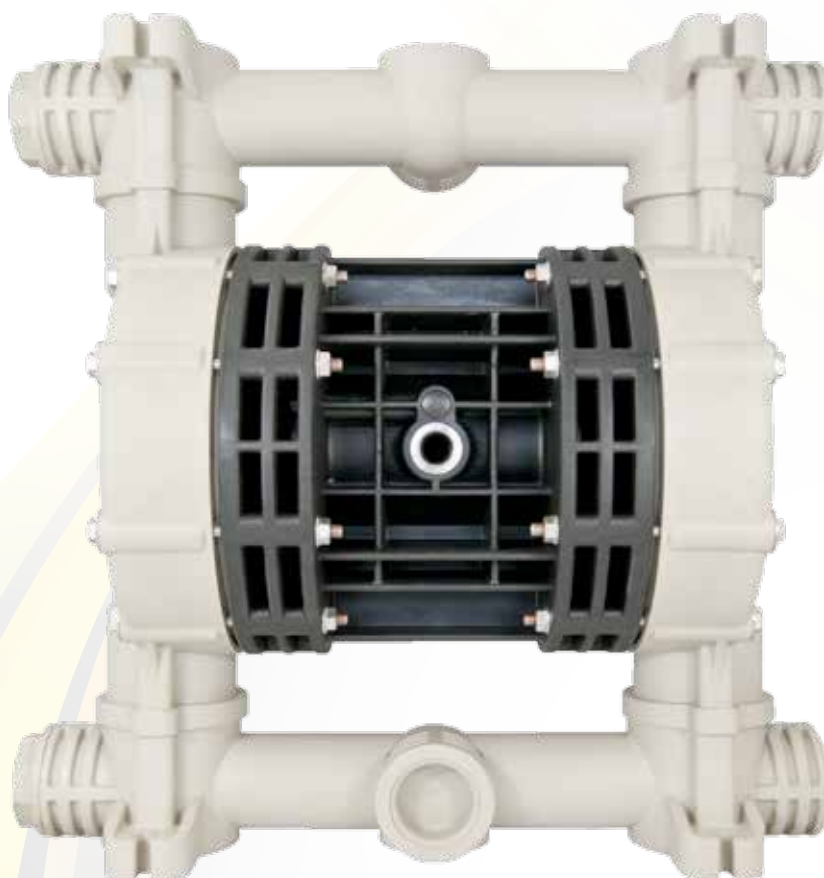
DIAPHRAGM PUMPS

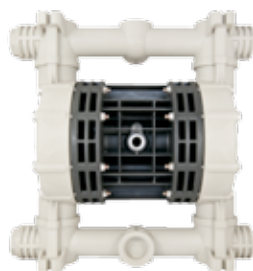
BOXER diaphragm pumps are characterized by exceptional performance, power and strength, making them ideal for pumping liquids with high apparent viscosity even if containing suspended solids. The **stall-prevention** pneumatic system assures a safe pump running and it does **not need lubricated air**.

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)**.

Intake/delivery connections G 1" 1/2 f o DN 40 (*) - flow rate 340 l/min

Construction materials: PP - PVDF - Alu - Aisi 316

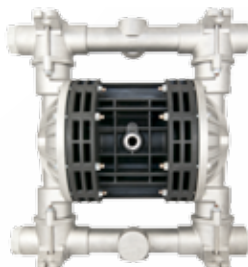




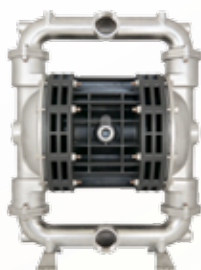
PP



PVDF

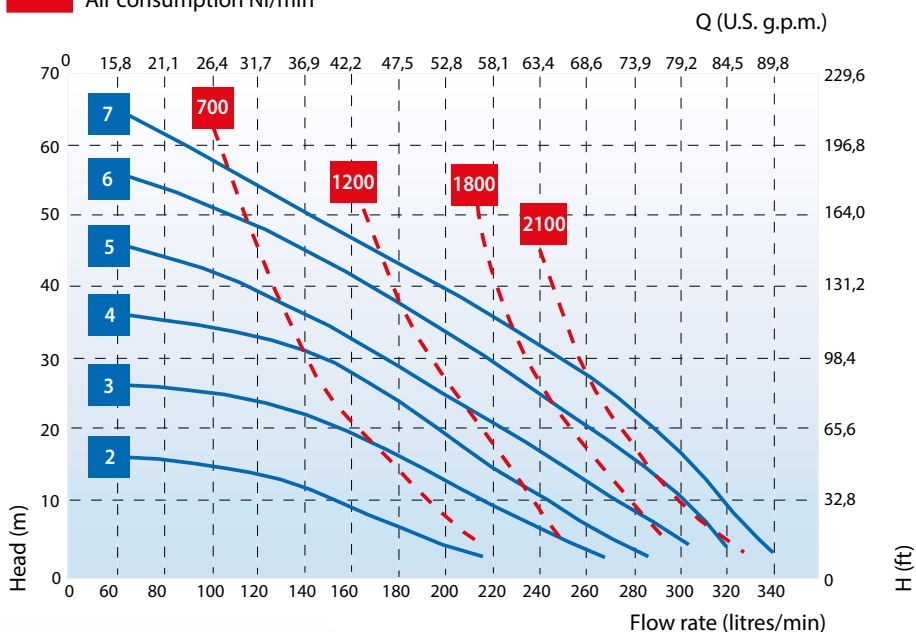


Alu



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" 1/2 f o DN 40 (*)	
Air connection		G 1/2" f	
Max. self-priming capacity**		6 m	
Flow rate max*		340 l/min	
Max. head*		70 m	
Max. air supply pressure		7 bar	
Max. diameter of passing solids		6 mm	
Construction materials and net weight	PP	16 Kg	65°C Max Temp.
	PVDF	20 Kg	95°C Max Temp.
	Alu	21 Kg	95°C Max Temp.
	Aisi 316	32 Kg	95°C Max Temp.

(*) NPT connections on request

