

# BOXER 251



## DIAPHRAGM PUMPS

**BOXER 251** 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** or **DN 40** - flow rate **340 l/min**

construction materials: **PP - PVDF - Alu - Aisi 316**



# BOXER 251

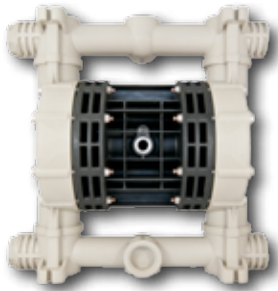


STANDARD: II 3/3 GD c IIB T135°C (zone 2)  
CONDUCT: II 2/2 GD c IIB T135°C (zone 1)



## DIAPHRAGM PUMPS

TECHNICAL DATA

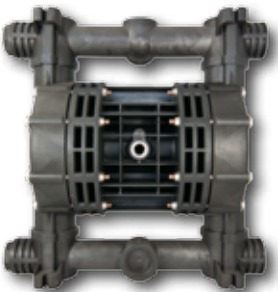


PP

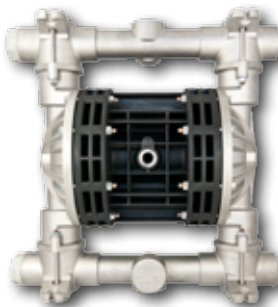
Intake/delivery connections	G 1" 1/2 f or DN 40
Air connection	G 1/2" f
Max. self-priming capacity	6 m
Max. flow rate*	340 l/min
Max. head*	70 m
Max. air supply pressure	7 bar
Max. diameter of passing solids	6 mm

Net Weight	PP	16 Kg	(zone 2) 60°C Max temp.
	PVDF	20 Kg	(zone 2) 95°C Max temp.
	Alu	21 Kg	(zone 2) 95°C Max temp.
	Aisi 316	32 Kg	(zone 2) 95°C Max temp.

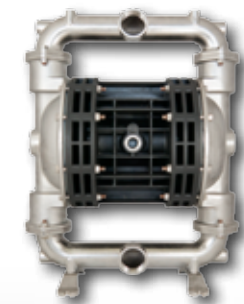
\*The curves and performance values refer to pumps with submerged suction and a free delivery outlet with water at 20°C, and vary according to the construction material.



PVDF

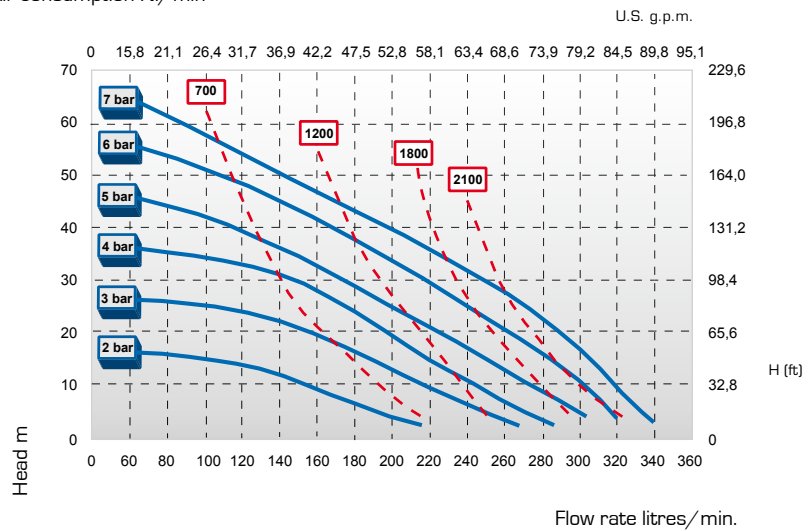


ALU

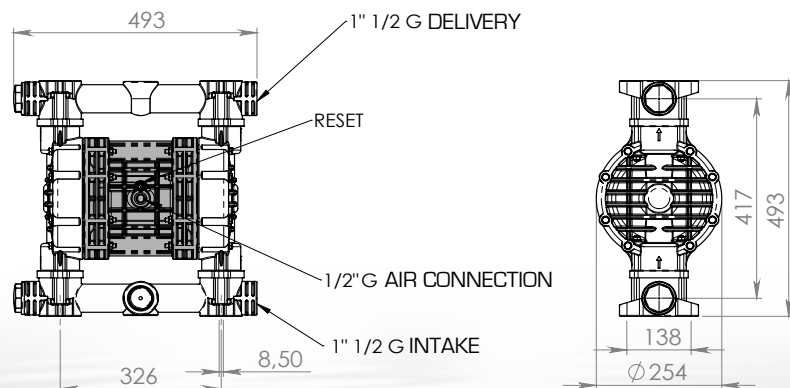


AISI 316

■ Air supply pressure  
■ Air consumption NI/min



PERFORMANCE



The dimensions shown are in mm

DIMENSIONS

All the values shown are approximate and not binding