

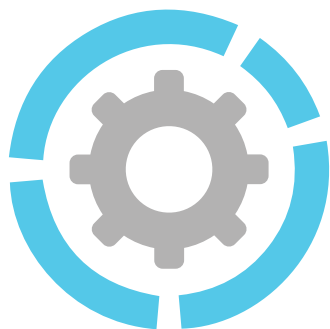
SANIBOXER-02

AIR-OPERATED DOUBLE DIAPHRAGM PUMPS



DEBEM
HYGIENIC SOLUTIONS

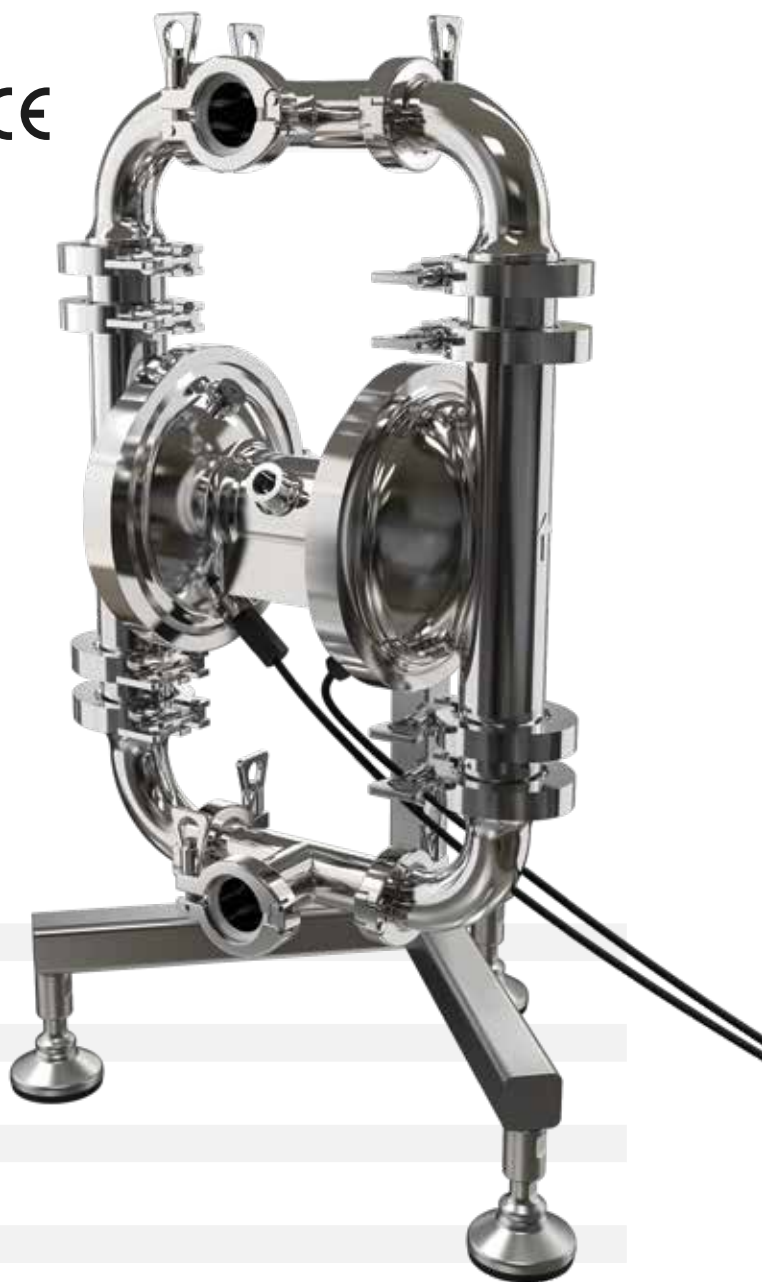
 **HpE PROCESS**



Suction/delivery connections	BS 4825 1" 1/2 Clamp
Air fitting	3/8" f BSPP
Max flow rate*	160 l/min
Max air supply pressure	8 bar
Max head*	80 m
Max suction from negative head - dry running*	2,5 m
Max suction from negative head - with pump on	9,5 m
Max diameter of suspended solids	7 mm

* The value depends on the pump configuration.

CE



■ Product designed and built in Italy

■ PATENTED anti-stall pneumatic circuit

■ Operates with NON-lubricated air

■ SELF-PRIMING

■ It supports dry running

■ Possibility of adjusting the operating speed

■ Versatility of use

■ Suitable for handling fluids with high viscosity and for heavy applications

■ Possibility of handling fluids with suspended solids

■ Suitable for continuous service

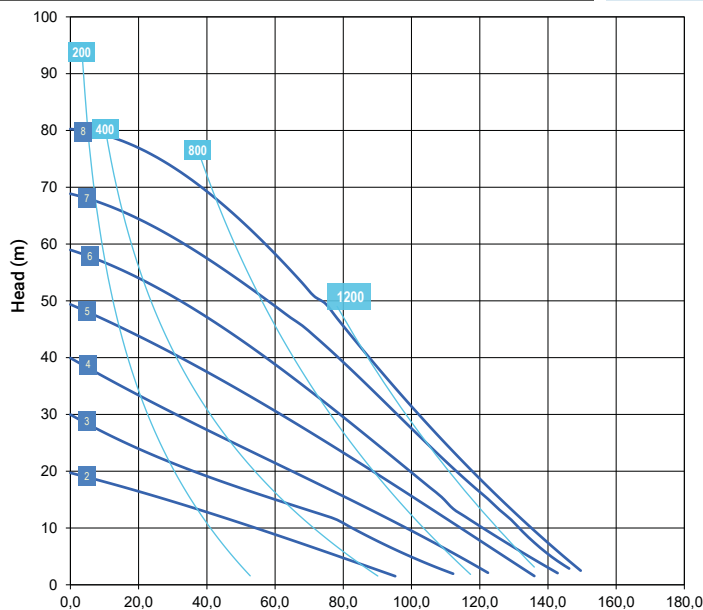
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Specifications and types

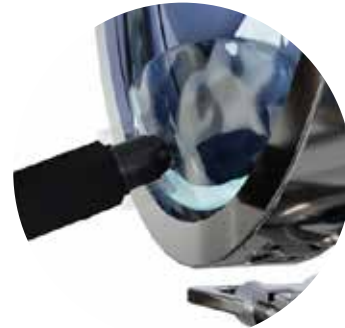


* The curves and performances refer to pumps with submerged suction and free delivery outlet, with water at 20°C and vary according to the composition materials.

Flow rate (l/min)

Air supply pressure (bar)

Air consumption (NI/min)



Optical sensors to detect diaphragm rupture

In case of rupture, the sensors warn the operator and automatically stop pump operation via a solenoid valve.



AISI 316 L

SANIBOXER-02



Maximum Dimensions

Height	714 mm
Width	436 mm
Depth	370 mm



Construction materials (casing and manifolds) and net weight

AISI 316 L*	22 Kg
	Temp. 3°C min. 95°C max

*Mechanically polished - surface finish <0.8 µm

