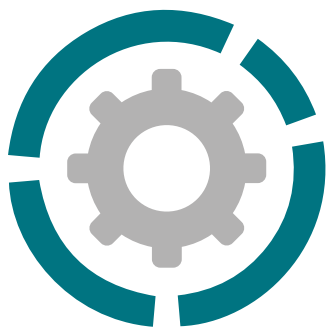


BOXER FPC 100

AIR-OPERATED DOUBLE DIAPHRAGM PUMPS



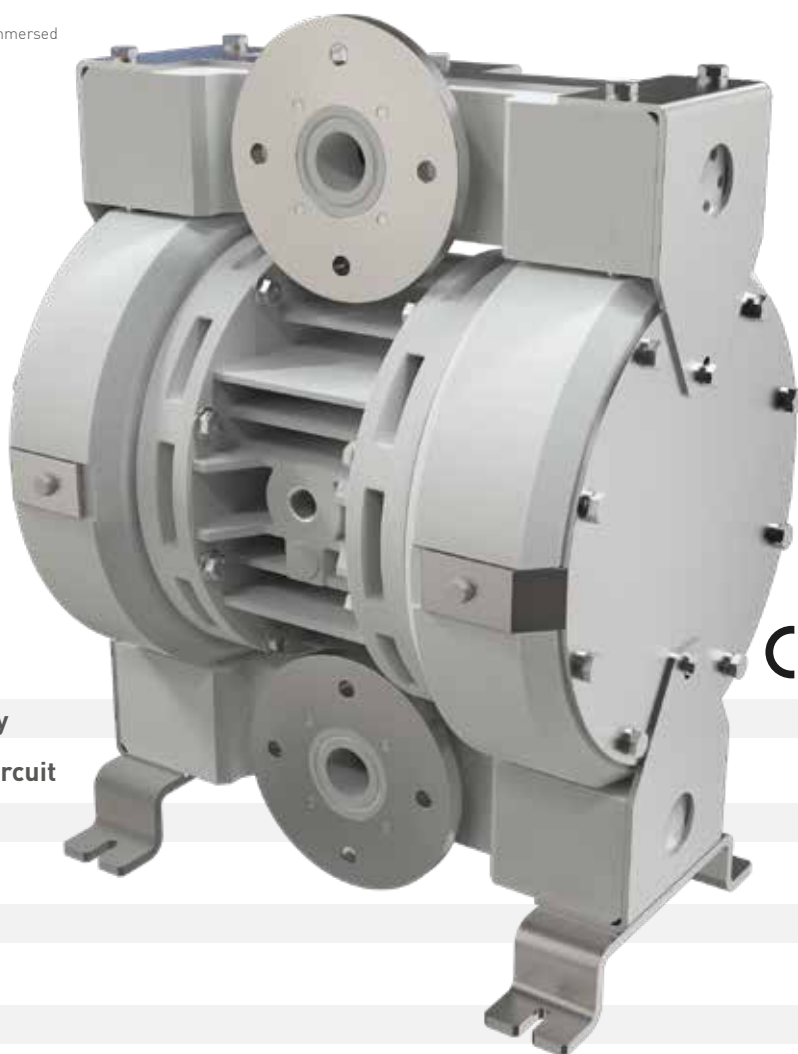
DEBEM
MADE IN ITALY



Suction / delivery connections	1" flanged ANSI - DN 25
Air fitting	3/8" f BSPP
Max flow rate *	130 l/min
Supply air pressure	8 bar
Max head	80 m
Max negative suction head - dry running	4 m
Max negative suction head - pump primed	9,5 m
Max diameter suspended solids	4 mm
Noise level	75 dB
Volume per stroke	250 cc



* The curves and performances refer to pumps with immersed suction and open delivery outlet with water at 20 °C



CE

- Product designed and constructed in Italy
- PATENTED stall-prevention pneumatic circuit
- Operates with NON-lubricated air
- SELF-PRIMING
- Supports dry running
- ATEX certification for ZONE 1 - ZONE 2
- Adjustable operating speed
- Versatile
- Suitable for pumping fluids with high viscosity and for demanding applications
- Usable with fluids containing suspended solids
- Suitable for continuous use
- Pump made from a solid piece of PTFE
- Non-deformable structure in AISI 316 stainless steel

BOXER FPC 100

AIR-OPERATED DOUBLE DIAPHRAGM PUMPS



Specifications and types



STANDARD: II 3G Ex h IIB T4 Gc - II 3D Ex h IIIB T135°C Dc X - I M2 Ex h I Mb X
 CONDUCT: II 2G Ex h IIB T4 Gb - II 2D Ex h IIIB T135°C Db X - Ex h IIB T4 Gb - Ex h IIIB T135°C Db



PTFE

FPC 100



Maximum Dimensions

Height	399,5 mm
Width	299,2 mm
Depth	241,3 mm



Construction materials (casing and manifolds) and net weight

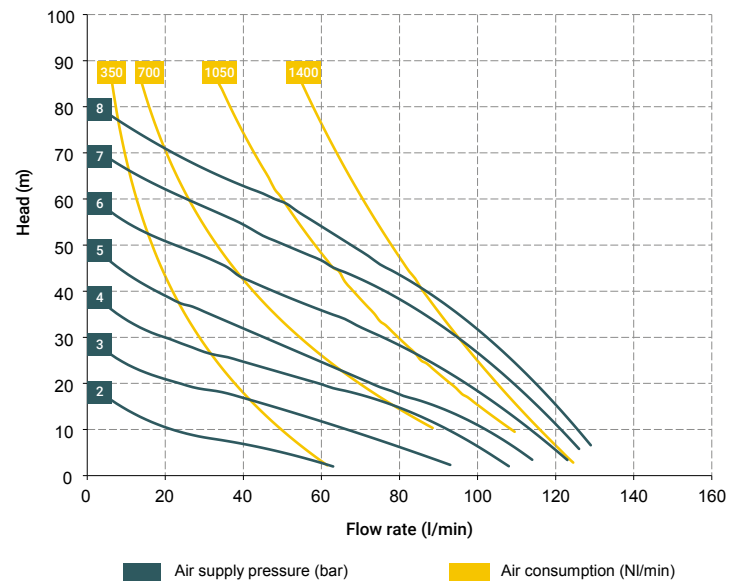
PTFE	21,6 Kg
	Temp. 3°C min.
	95°C max

Accessories:

- Equaflux EQFPC100 (For damper materials, please refer to the technical data sheet)
- Truck model 01
- Foot valve
- Air regulation kit W3000-10-G
- Stroke counter
- Batch controller

Packaging:

wooden case - 39 x 31 x 56 cm - weight 10 kg
 (the weight refers only to the packaging without the pump inside)



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

MAIN APPLICATION SECTORS



PHARMACEUTICAL
INDUSTRY

