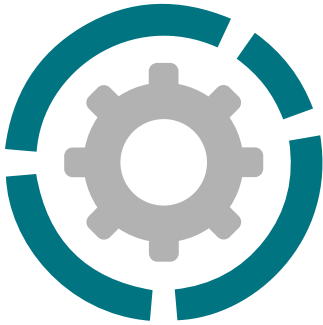


BOXER FPC 100

AIR-OPERATED DOUBLE DIAPHRAGM PUMPS



DEBEM
MADE IN ITALY



| | |
|---|---------------------------|
| Suction / delivery connections | G 1" flanged ANSI - DN 25 |
| Air fitting | G 3/8" f |
| Max flow rate | 130 l/min |
| Max 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 of suspended solids | 4 mm |
| Noise level | 75 dB |
| Volume per stroke | 250 cc |



- Product designed and constructed in Italy
- PATENTED stall-prevention pneumatic circuit
- Operates with non-lubricated air
- SELF-PRIMING
- Dry operation
- Adjustable operating speed
- Extremely versatile
- Suitable for pumping liquids with high viscosity and demanding applications
- Possibility of pumping fluids containing suspended solids
- LONG LIFE profile diaphragms for greater resistance and longer life
- Suitable for continuous use
- Pump made from a solid piece of PTFE
- Non-deformable structure in AISI 316 stainless steel

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AIR-OPERATED DOUBLE DIAPHRAGM PUMPS



Specifications and types



STANDARD: II 3G Ex h IIB T4 Gc, II 3D Ex h IIIB T135°C Dc (zone 2)
CONDUCT: II 2G Ex h IIB T4 Gb, II 2D Ex h IIIB T135°C Db (zone 1)



PTFE

FPC 100



Maximum Dimensions

| | |
|--------|--------|
| Height | 300 mm |
| Width | 230 mm |
| Depth | 360 mm |



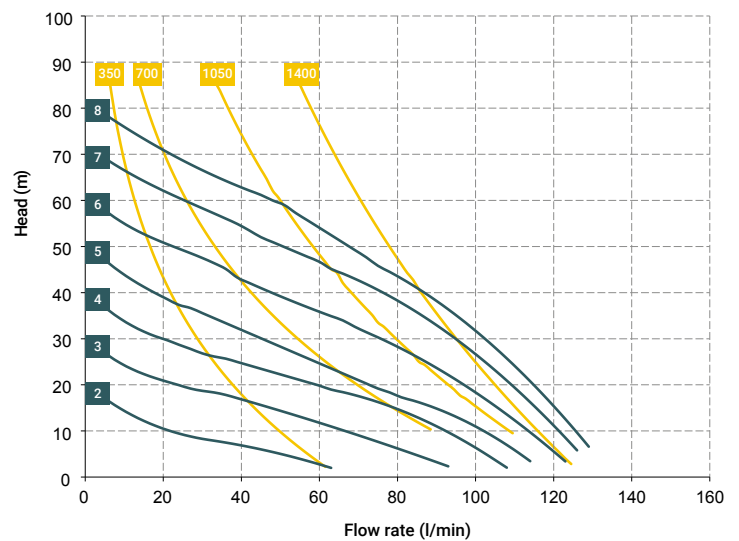
Construction materials (casing and manifolds) and net weight

| | |
|------|--------------|
| PTFE | 21.6 Kg |
| | Max 3°C min. |
| | 95°C max |

MAIN APPLICATION SECTORS



PHARMACEUTICAL
INDUSTRY



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

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

Package:
wooden crate - cm 39 x 31 x 56 - weight 10 Kg
(the weight refers to the package only, without the pump)

