

DIAPHRAGM PUMP SERIES BXR 3/8" Pump

• TECH SPECS



Head / Flow rate guaranteed in compliance with ISO 9906

Suction/delivery connections	G 3/8" f o DN 10 – Clamp o NPT available only on request
Air fitting	G 3/8" f
Max flow rate *	4 GPM
Max supply air pressure	8 bar
Max head *	80 m
Max negative suction head – dry-running **	3 m
Max negative suction head – pump primed	9,5 m
Diameter Max suspended solids	0,5 mm
Noise level **	65 dB
Volume per stroke	10,3 cc

Construction materials (casing and manifolds) available on request:

- POMc
- UHMWPE
- Duplex/S.Duplex

Available in the following materials:

PP PVDF ALU SS

Construction materials (casing and manifolds) and net weight:

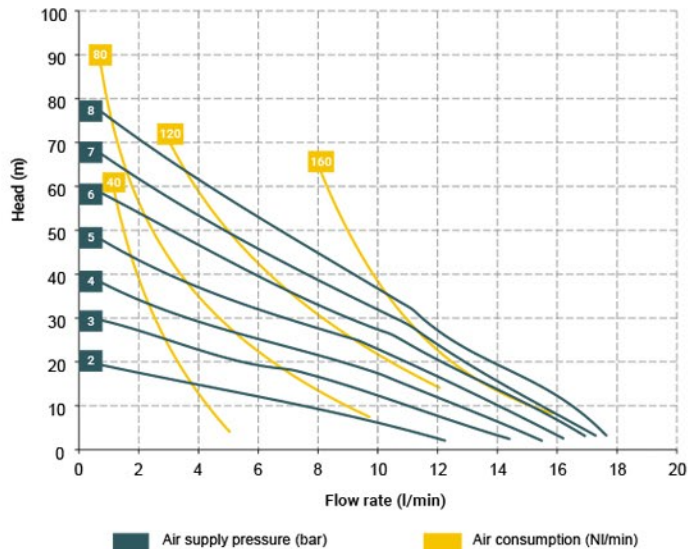
Version	Gewicht	Min	Max
PP (with glass additive)	1,1 kg	3° C	65° C
PP conductive (with carbon additive)	1,1 kg	3° C	65° C
PVDF (with carbon additive)	1,38 kg	3° C	95° C
ALU	1,9 kg	3° C	95° C
SS 316 L	2,4 kg	3° C	95° C

Maximum dimensions	Plastic	Stainless Steel	Alluminium
Height	151 mm	141 mm	141 mm
Width	148 mm	153 mm	153 mm
Depth	80 mm	80 mm	80 mm

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PERFORMANCE



[*] Available with NPT connections (on request)

*The curves and performance are referred 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.

Suction / delivery connections	G 3/8" f [*] - Clamp or NPT only on request
Air fitting	G 3/8" f
Max flow rate*	17 l/min
Max supply air pressure	8 bar
Max head*	80 m
Max negative suction head - dry-running**	3 m
Max negative suction head - pump primed	9.5 m
Max diameter of suspended solids	0.5 mm
Noise level	65 dB
Volume per stroke	10.3 cc

MAIN APPLICATION SECTORS



WATER AND SLUDGE
TREATMENT



PACKING, GLUE,
PAPER AND PAPER MILLS



CERAMIC, STONE, MARBLE,
GLASS AND MINING
INDUSTRY



GALVANIC AND ELECTRONIC
INDUSTRY



CHEMICAL
INDUSTRY



GRAPHIC
INDUSTRY

DIMENSION



PP



Maximum Dimensions

Height	151 mm
Width	148 mm
Depth	80 mm



Construction materials (casing and manifolds) and net weight

Polypropylene (with glass additive)	1.1 Kg Max 3°C min. 65°C max
Conductive polypropylene (with carbon additive)	1.1 Kg Max 3°C min. 65°C max



Construction materials (casing and manifolds) available on request

POMc
UHMWPE



ALU



Maximum Dimensions

Height	141 mm
Width	153 mm
Depth	80 mm



Construction materials (casing and manifolds) and net weight

ALU	1.9 Kg Max 3°C min. 95°C max
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PVDF (with carbon additive)



Maximum Dimensions

Height	151 mm
Width	148 mm
Depth	80 mm



Construction materials (casing and manifolds) and net weight

PVDF	1.38 Kg Max 3°C min. 95°C max
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Construction materials (casing and manifolds) available on request

POMc
UHMWPE



AISI 316 L steel



Maximum Dimensions

Height	141 mm
Width	153 mm
Depth	80 mm



Construction materials (casing and manifolds) and net weight

AISI 316 L	2.4 Kg Max 3°C min. 95°C max
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Construction materials (casing and manifolds) available on request

DUPLX/W.DUPLX