

DIAPHRAGM PUMP SERIES

BXR 2" Pump

• TECH SPECS



Head / Flow rate guaranteed in compliance with ISO 9906

Suction/delivery connections	G 2" f o DN 50
Air fitting	G 1/2" f
Max flow rate *	158.503 GPM
Max supply air pressure	8 bar
Max head *	80 m
Max negative suction head – dry-running **	5 m
Max negative suction head – pump primed	9,5 m
Diameter Max suspended solids	8 mm
Noise level **	80 dB
Volume per stroke	1825 cc

Available in the following materials:

PP PVDF PE

Construction materials (casing and manifolds) and net weight:

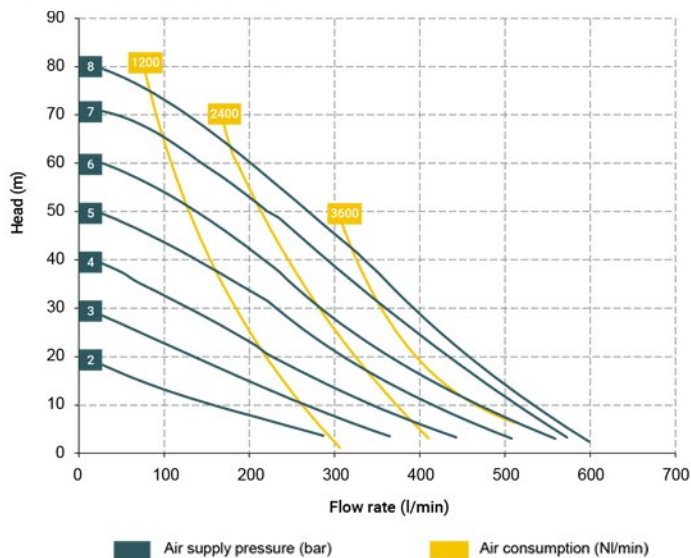
Version	Weight	Min	Max
PP (with glass additive)	38 kg	3° C	65° C
PP conductive (with carbon additive)	34,5 kg	3° C	65° C
PVDF	45 kg	3° C	95° C
PE	–	–	–

Maximum dimensions	Plastic
Height	650 mm
Width	590 mm
Depth	404 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 2" f or DN 50 [*]
Air fitting	G 1/2" f
Max flow rate*	600 l/min
Max supply air pressure	8 bar
Max head*	80 m
Max negative suction head - dry-running**	5 m
Max negative suction head - pump primed	9.5 m
Max diameter of suspended solids	8 mm
Noise level	80 dB
Volume per stroke	1825 cc

MAIN APPLICATION SECTORS



DIMENSION



PP

	Maximum Dimensions
Height	650 mm
Width	590 mm
Depth	404 mm
	Construction materials (casing and manifolds) and net weight
Polypropylene (with glass additive)	38 Kg Max 3°C min. 65°C max
Conductive polypropylene (with carbon additive)	34.5 Kg Max 3°C min. 65°C max



PVDF

	Maximum Dimensions
Height	650 mm
Width	590 mm
Depth	404 mm
	Construction materials (casing and manifolds) and net weight
PVDF	45 Kg Max 3°C min. 95°C max



ALU

	Maximum Dimensions
Height	621 mm
Width	566 mm
Depth	404 mm
	Construction materials (casing and manifolds) and net weight
ALU	37 Kg Max 3°C min. 95°C max



Electropolished AISI 316 steel

	Maximum Dimensions
Height	705 mm
Width	470 mm
Depth	404 mm
	Construction materials (casing and manifolds) and net weight
Electropolished AISI 316	54 Kg Max 3°C min. 95°C max