

DIAPHRAGM PUMP SERIES BXR 1.5" Pump

• TECH SPECS



Head / Flow rate guaranteed in compliance with ISO 9906

Suction/delivery connections	G 1 1/2" f o DN 40
Air fitting	G 1/2" f
Max flow rate *	89.8185 GPM
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
Diameter Max suspended solids	6 mm
Noise level **	80 dB
Volume per stroke	552 cc

Available in the following materials:

PP PVDF ALU

Construction materials (casing and manifolds) and net weight:

Version	Weight	Min	Max
PP (with glass additive)	17,5 kg	3° C	65° C
PP conductive (with carbon additive)	20 kg	3° C	65° C
PVDF (with carbon additive)	20 kg	3° C	95° C
ALU	19 kg	3° C	95° C

Maximum dimensions	Plastic	Aluminium
Height	492 mm	491 mm
Width	493 mm	490 mm
Depth	254 mm	254 mm

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Head / Flow rate guaranteed in compliance with ISO 9906

Suction/delivery connections	G 1 1/2" f o DN 40
Air fitting	G 1/2" f
Max flow rate *	89.8185 GPM
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
Diameter Max suspended solids	6 mm
Noise level **	80 dB
Volume per stroke	552 cc

Available in the following materials:

SS

Construction materials (casing and manifolds) and net weight:

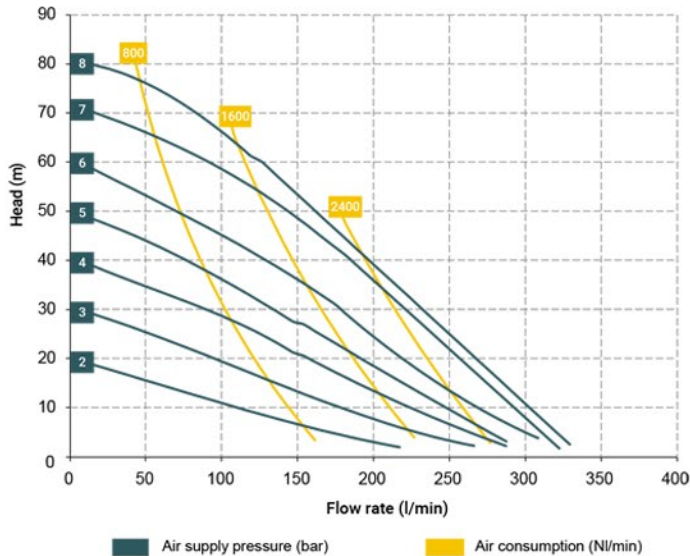
Version	Weight	Min	Max
SS 316 L	26,2 kg	3° C	95° C

Maximum dimensions	Stainless Steel
Height	538 mm
Width	417 mm
Depth	254 mm

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PERFORMANCE

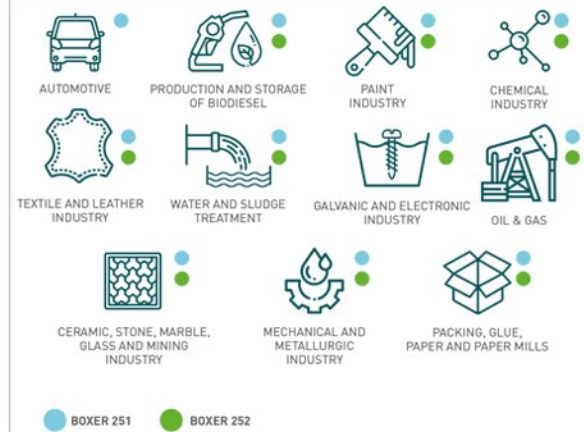


[*] Available with NPT connections (on request)

*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 1 1/2" f or DN 40 (*)
Air fitting	G 1/2" f
Max flow rate*	340 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	6 mm
Noise level	80 dB
Volume per stroke	552 cc

MAIN APPLICATION SECTORS



DIMENSION



PP



Maximum Dimensions

Height	492 mm
Width	493 mm
Depth	254 mm



Construction materials (casing and manifolds) and net weight

Polypropylene (with glass additive)	17.5 Kg Max 3°C min. 65°C max
Conductive polypropylene (with carbon additive)	20 Kg Max 3°C min. 65°C max



ALU



Maximum Dimensions

Height	491 mm
Width	490 mm
Depth	254 mm



Construction materials (casing and manifolds) and net weight

ALU	19 Kg Max 3°C min. 95°C max
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PVDF



Maximum Dimensions

Height	492 mm
Width	493 mm
Depth	254 mm



Construction materials (casing and manifolds) and net weight

PVDF	20 Kg Max 3°C min. 95°C max
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Electropolished AISI 316 steel



Maximum Dimensions

Height	538 mm
Width	417 mm
Depth	254 mm



Construction materials (casing and manifolds) and net weight

Electropolished AISI 316	26.2 Kg Max 3°C min. 95°C max
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