

# **DOUBLE DIAPHRAGM AIR DRIVEN PUMPS**



## *Advantages and technical data*

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- Non-lubricated air supply
- Speed fine tuning while maintaining pressure high
- Explosion-proof characteristics
- Overhead versions available
- Adjustable delivery and head
- Splittable manifolds
- Delivery-suction connections positioned in three different ways
- Can run dry without damage
- No electrical connections
- Easily replaceable components
- Simple and easy maintenance.

## CONSTRUCTION AND TECHNICAL FEATURES

Model	BX50	BX80	BX100	BX150	BX250	BX500	
<i>Suction/delivery ports</i>	G 1/2	G 1	G 1	G 1 1/4	G 1 1/2	G 2	
<i>Air connection</i>	G 1/2	G 1/2	G 1/2	G 1/2	G 1/2	G 3/8	
<i>Max. dry suction lift*</i>	4 m	5 m	4 m	4 m	4 m	4 m	
<i>Max. delivery</i>	50 l/min	80 l/min	125 l/min	160 l/min	270 l/min	500 l/min	
<i>Max. head</i>	70 m	70 m	70 m	70 m	70 m	70 m	
<i>Max. air suppli pressure</i>	7 bar	7 bar	7 bar	7 bar	7 bar	7 bar	
<i>Pass solids max. dia.</i>	1 mm	2 mm	2 mm	2 mm	3 mm	3 mm	
<i>Net weight</i>	<b>PP</b>	4 kg	5,5 kg	7,5 kg	15 kg	20 kg	40 kg
	<b>PVDF</b>	4 kg	6 kg	8,5 kg	17 kg	24 kg	---
	<b>ECTFE</b>	---	---	---	---	---	---
	<b>Al</b>	5 kg	---	---	19 kg	---	---
	<b>AISI 316</b>	5 kg	12 kg	---	---	---	---
<i>Max. Noise</i>	78 dB (A)	80 dB (A)	80 dB (A)	80 dB (A)	80 dB (A)	80 dB (A)	
<i>Materials of constructions</i>	PP PVDF Al Aisi 316	PP PVDF Aisi 316	PP PVDF	PP PVDF Al	PP/PVDF	PP	

## CONSTRUCTION AND TECHNICAL FEATURES

Model	BX5	BX15	BX25	
<i>Suction/delivery ports</i>	G 1/4	G 3/8	G 3/8	
<i>Air connection</i>	G 1/8	3/8	3/8	
<i>Max. dry suction lift*</i>	1 m	2 m	2 m	
<i>Max. delivery</i>	5 l/min	17 l/min	17 l/min	
<i>Max. head</i>	70 m	70 m	70 m	
<i>Max. air suppli pressure</i>	7 bar	7 bar	7 bar	
<i>Pass solids max. dia.</i>	---	0,5 mm	0,5 mm	
<i>Net weight</i>	<b>PP</b>	0,5 kg	1 kg	1 kg
	<b>PVDF</b>	---	---	---
	<b>ECTFE</b>	---	1,5 kg	1,5 kg
	<b>Al</b>	---	---	---
	<b>AISI 316</b>	---	---	---
<i>Max. Noise</i>	80 dB (A)	70 dB (A)	70 dB (A)	
<i>Materials of constructions</i>	PP	PP ECTFE	PP ECTFE	