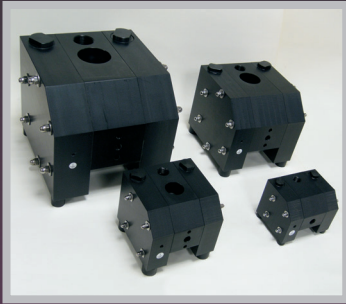


CX Series

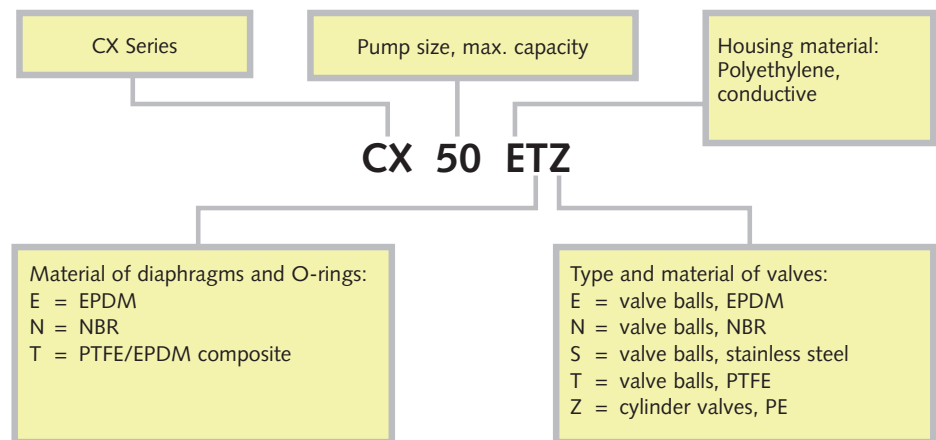
The Allrounder

## ALMATEC CX SERIES



- pneumatic diaphragm pumps of the low to middle performance range
- four pump sizes with max. capacities between 10 and 130 l/min
- made of conductive PE (ATEX conformity)
- air control system PERSWING P<sup>®</sup> without dead spot
- diaphragms made of EPDM, NBR or PTFE/EPDM composite
- ball or cylinder check valves
- variable position of the center block
- self priming and proof against dry running
- emptying of containers down to the very last drop

## CODE SYSTEM



## SPECIAL FEATURES



ALMATEC pneumatic diaphragm pumps of the CX series are available in four different sizes: CX 10 (max. capacity 0,6 m<sup>3</sup>/h), CX 20 (1,2 m<sup>3</sup>/h), CX 50 (3 m<sup>3</sup>/h), and CX 130 (8 m<sup>3</sup>/h).

They are widely used as universal pumps of the low to middle performance range, e.g. as drum pumps. CX pumps are self priming and proof against dry running. They ensure that containers can be emptied down to the very last drop, even without supervision.

The housings are made of conductive PE, machined from solid blocks, which has a good overall chemical resistance. CX pumps can be operated within explosion-proof areas and can handle flammable liquids because they are driven by compressed air and do not need any electric motors or electrical connections.

The design of the CX pump allows best possible flexibility for different applications: all pumps can be changed from ball to cylinder valves and vice versa. Ball valves are ideal for liquids containing particles, cylinder valves for a good suction lift. The diaphragms are made from only one part and they are designed for a long life. The ALMATEC air control system PERSWING P<sup>®</sup> has no dead spot and do not need maintenance or lubrication.

**VARIABLE POSITION OF THE CENTER BLOCK**

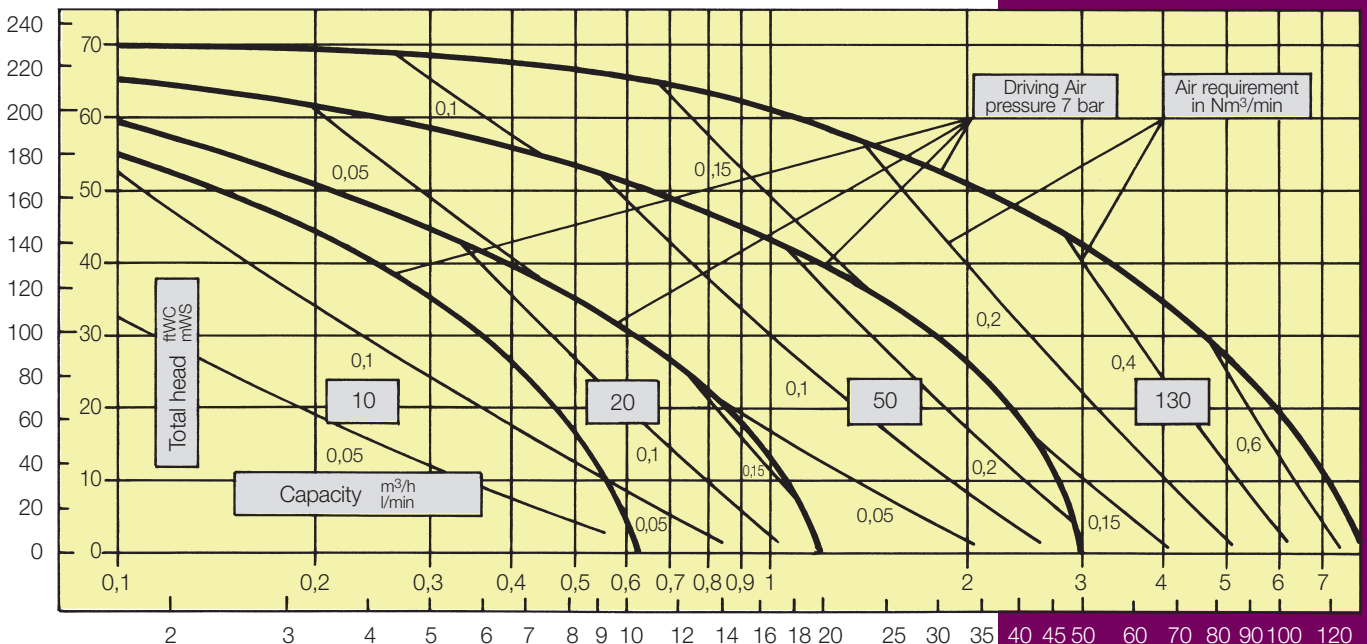
- Picture 1: One separated side housing allows a view onto the mounted PTFE/EPDM-compound diaphragm.
- Picture 2 + 3: The position of the suction and discharge ports can be changed by rotating the center block. This makes an adjustment to existing systems very easy.
- Picture 4: Independent from the position of the center block, there is a recess with a drainage in the upper part of the pump.



**TECHNICAL DATA**

	CX 10	CX 20	CX 50	CX 130
Dimensions: length/width/height (mm)	86/137/96	124/155/128	175/206/173	240/269/225
Nominal port size (NPT)	3/8"	1/2"	3/4"	1 1/4"
Air connection	R 1/4	R 1/4	R 1/4	R 1/4
Weight (kg)	1.2	2	4.5	10
Max. driving air pressure (bar)	7	7	7	7
Max. particle size of solids (mm) for pumps with ball valves	1.5	2	3	4
Suction head, dry (mWC):				
cylinder valves	1.5	2	3	4
EPDM ball valves	0.5	0.5	1	2
PTFE ball valves	0.5	0.5	1.5	2.5
stainless steel ball valves	1	1	1.5	3
Suction head, wet (mWC)	8	8	9	9
Max. viscosity (cP)	3,000	6,000	10,000	15,000
Max. operating temperature (°C)	70	70	70	70

**PERFORMANCE RANGE**





## The Specialists for Air Operated Diaphragm Pumps

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