



Item no: 0240783

## Vacuum conveyor piFLOW@am 100-SX-0.5L Ø23 BF AL

Piab conveyors specifically developed for additive manufacturing applications are designed with a stainless-steel body (ASTM 316L) and a butterfly valve. These conveyors have a standard TC-coupling for easy integration and designed to take up minimal amount of space. Typical applications are metal powder transfer to or from a hopper or a sieve, feeding a 3D printer or recirculating material from the overflow bin.

- A premium steel grade vacuum conveyor, designed to meet the requirements of high-demanding applications in additive manufacturing and pharma industries.
- Our COAX® Technology, the most energy efficient way to produce vacuum, is used in the pump.
- Material in contact with the conveyed product is in compliance with FDA
- Conveyor is CE approved
- Steel quality ASTM 316L (stainless steel, acid resistant), mechanically polished.
- Designed according to USDA guidelines.
- Automatic filter cleaning.
- Hygienic design making maintenance and cleaning simple.
- Smooth installation and easy to use.
- High throughput with a small footprint.
- 0.5 liters per conveying cycle

## General

Material	PA, PTFE, SS, AL, ASTM316L, EPDM, NBR
Noise level	69 - 73 dBA
Temperature	0 - 60 °C
Weight	13 kg

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## Performance

Air consumption (Max)	8,7 NI/s
Feed pressure (Max)	0.7 MPa
Feed pressure (Range)	0.4 - 0.6 MPa
Vacuum	41 - 56 -kPa
Air consumption, range	6,6-8,7 NI/s

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