



Item no: 0120286

COAX® cartridge MINI Xi10-3

COAX® is an advanced solution for creating vacuum with compressed air. Based on Piab's multistage technology, COAX® cartridges are smaller, more efficient and more reliable than conventional ejectors, that allows for the design of a flexible, modular and efficient vacuum system. The two-stage COAX®... cartridge MICRO is probably the world's smallest multistage vacuum ejector. Its low weight makes it suitable to integrate close to the suction point in high speed pick-and-place applications of small objects. The two-stage COAX® cartridge MINI has small mounting dimensions and the three-stage COAX® cartridge MINI has high initial vacuum flow. The two-stage COAX® cartridge MIDI has small mounting dimensions and the three-stage COAX® cartridge MIDI has high initial vacuum flow. The MIDI cartridges are efficient generators of blow-air and are also suitable for fast evacuation of large volumes.

- Three-stage COAX® cartridge – MINI.
- High vacuum flow at deep vacuum levels to 94 -kPa.
- Quick response time when deep vacuum is needed.
- Suitable for handling sealed objects with high pick-up speed.
- Large vacuum flow in relation to energy consumption

General


Material	PA, SS, AL, NBR
Temperature	-10 - 80 °C
Weight	4.7 - 12.5 g

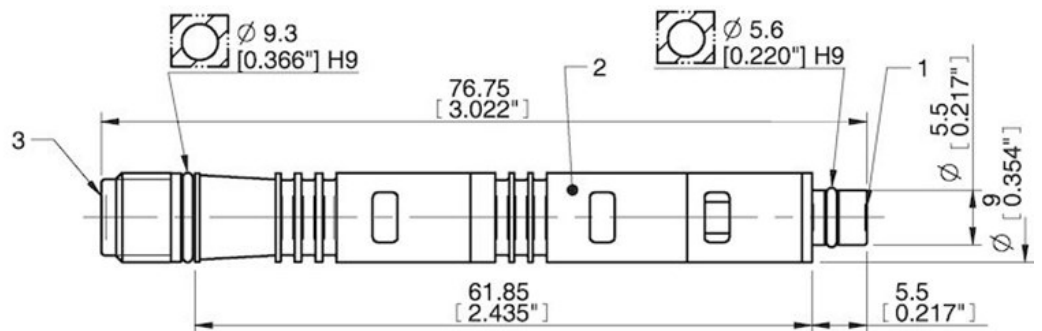
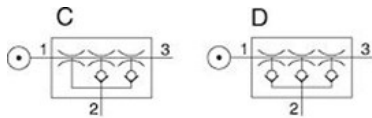
Performance

Feed pressure, max.	0.7 MPa
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Feed pressure MPa	Air consumption NI/s	Vacuum flow (NI/s) at different vacuum levels (-kPa)										Max vacuum -kPa
		0	10	20	30	40	50	60	70	80	80	
MINI Xi10-3 0,45 - 0.45	0.42	1.39	0.64	0.46	0.28	0.19	0.15	0.11	0.07	0.043	92	
MINI Xi10-3 0,5 - 0.5	0.46	1.43	0.7	0.5	0.33	0.19	0.15	0.11	0.07	0.045	94	
MINI Xi10-3 0,6 - 0.6	0.54	1.45	0.79	0.53	0.42	0.3	0.16	0.11	0.08	0.041	93	

Feed pressure MPa	Air consumption NI/s	Evacuation time (s/l) to reach different vacuum levels (-kPa)										Max vacuum -kPa
		10	20	30	40	50	60	70	80	90	90	
MINI Xi10-3 0,45 - 0.45	0.42	0.1	0.28	0.55	1	1.5	2.2	3.4	5.2	9.5	92	
MINI Xi10-3 0,5 - 0.5	0.46	0.09	0.26	0.5	0.9	1.5	2.2	3.4	5.2	8.8	94	
MINI Xi10-3 0,6 - 0.6	0.54	0.09	0.24	0.45	0.7	1.2	1.9	3	4.7	8.6	93	

Dimensional drawings 



Accessories

0111977 | Silencer COAX® MINI