



Item no: P3010\_

## P3010

Compact/stackable vacuum pumps are air-driven multistage ejector families, based on COAX® technology, that come with integrated controls and special functions, such as on/off valve, blow-off valve, vacuum switch, energy saving function etc.. They are configurable platforms, making it easy to specify th... exact control functions needed for the system.

- Patented COAX® technology.
- Available with three-stage COAX® cartridge MINI. Choose an Si cartridge for extra vacuum flow, a Pi cartridge for high performance at low feed pressure or an Xi cartridge when high flow and deep vacuum is needed.
- Includes a flow-through silencer and a built-in vacuum filter for harsh environments.
- Suitable for fast and reliable evacuation in sealed systems.
- Slim, compact, configurable and modular design.
- Low weight.

### General

Material	PA, PP, SS, AL, NBR
Noise level	66 - 68 dBA
Temperature	-10 - 50 °C
Weight	110 - 330 g


### Performance

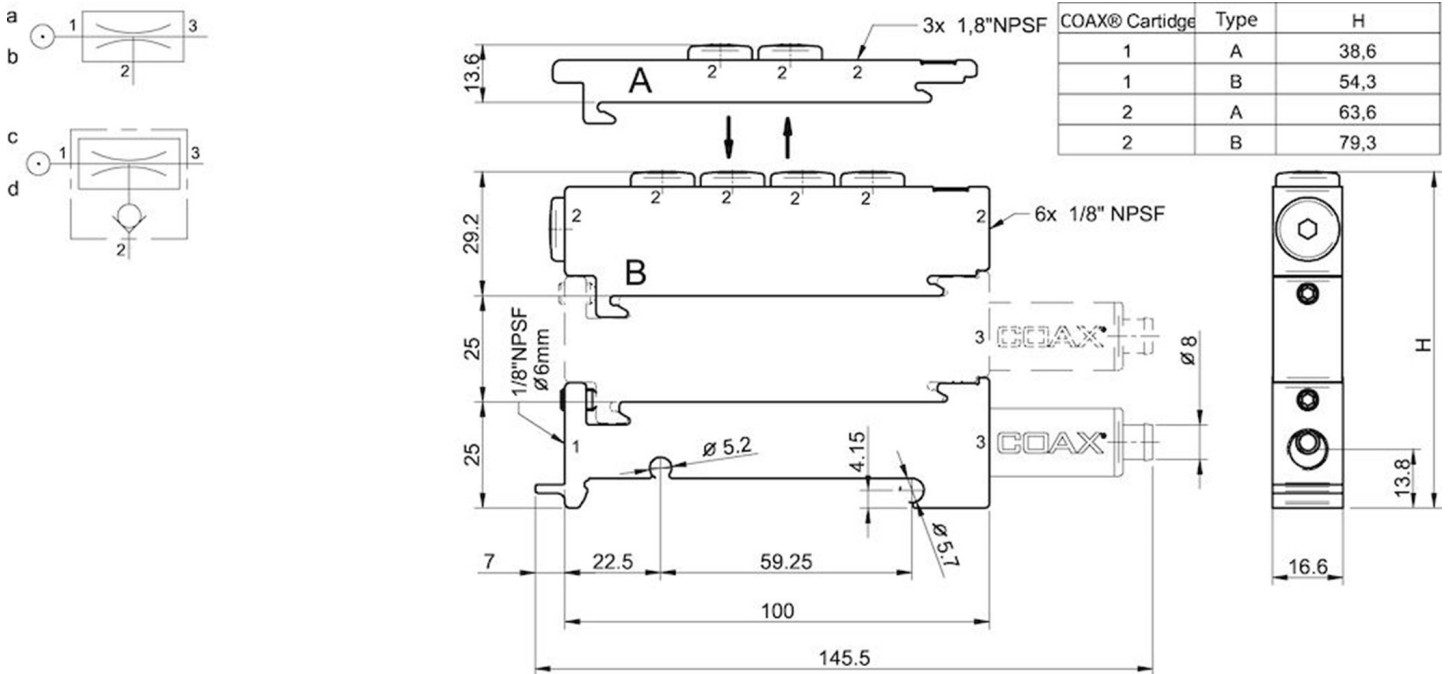
Feed pressure, max.	0.7 MPa
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Feed pressure MPa	Air consumption NI/s	Vacuum flow (NI/s) at different vacuum levels (-kPa)										Max vacuum -kPa
		0	10	20	30	40	50	60	70	80	90	
MINI Pi12-3 0,32 - 0.32	0.44	1.4	0.6	0.44	0.27	0.19	0.14	0.1	0.06	0.03	0	90
P3010 Si08-3 0,6 - 0.6	0.44	1.34	0.73	0.55	0.35	0.23	0.17	0.13	0.08	0	0	75
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	0.011	94
MINI Pi12-3 0,6 - 0.6	0.79	1.6	1	0.5	0.41	0.36	0.28	0.17	0.05	0.01	0	0
P3010 Xi10-3 0,6 Blow-off - 0.6	0.54	0	0	0	0	0	0	0	0	0	0	0

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		
MINI Pi12-3 0,32 - 0.32	0.44	0.08	0.23	0.49	1	1.7	2.6	3.9	6.3	0	90	
P3010 Si08-3 0,6 - 0.6	0.44	0.1	0.25	0.48	0.8	1.3	2.3	4.6	0	0	75	
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 Pi12-3 0,6 - 0.6	0.79	0	0	0	0	0	0	0	0	0	0	
P3010 Xi10-3 0,6 Blow-off - 0.6	0.54	0	0	0	0	0	0	0	0	0	0	

Feed pressure MPa	Air consumption NI/s	Blow flow (NI/s) at different pressure levels (-kPa)										Max vacuum -kPa
		10	20	30	40	50	60	70	80	90		
P3010 Si08-3 0,6 - 0.6	0.44	1.78	0	1.16	0	1.03	0	0.86	0.8	0.75	0.66	75
MINI Pi12-3 0,6 - 0.6	0.79	1.87	0	1.4	0	1.33	0	1.12	1.03	1.03	1.03	0
P3010 Xi10-3 0,6 Blow-off - 0.6	0.54	1.8	0	1.3	0	1.1	0	0.98	0.85	0.84	0.79	0

Dimensional drawings 



Spare parts

0104201 | Sealing kit P3010, NBR