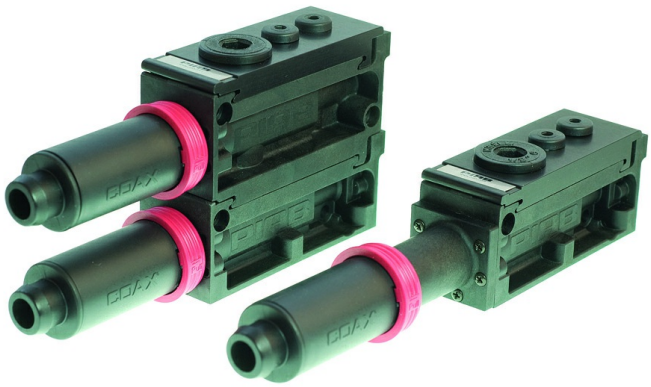
P5010,



- New patented COAX® push-in technology allows insertion and removal of the cartridge without tools.
- Available with a two or three-stage COAX® cartridge MIDI. 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.
- Integrated flow-through silencer that is unaffected by dust and dirt.
- Substantially lower air-consumption as compared to conventional ejectors of similar sizes.
- Slim, compact, configurable and modular design.
- Low weight.

General

Material	CuZn, PA, PE, SS, Al, Nitrile (NBR)
Noise level	68 – 70 dBA
Temperature	-10 – 80 °C
Weight	230 – 600 g

Performance

Feed pressure, max.	0.7 MPa

Vacuum flow

COAX® Cartridge	Feed pressure	Air consumption	Vacuum flow (Nl/s) at different vacuum levels (-kPa)										Max vacuum
	MPa	Nl/s	0	10	20	30	40	50	60	70	80	90	-kPa
Pi48-2	0.31	2	2.8	2.5	1.8	1.1	0.65	0.5	0.35	0.25	0.1	—	90
Pi48-3	0.31	2.05	5.6	2.5	1.8	1.1	0.65	0.5	0.35	0.25	0.1	—	90
Si32-2	0.6	1.75	3.3	3	2.6	1.7	0.9	0.6	0.5	0.35	—	—	75
Si32-3	0.6	1.75	6	3.5	2.6	1.7	0.9	0.6	0.5	0.35	—	—	75
Xi40-2	0.45	1.83	2.8	2.3	1.6	1	0.73	0.58	0.43	0.32	0.18	0.03	95
Xi40-3	0.45	1.83	5.9	3	2	1.3	0.73	0.58	0.43	0.32	0.18	0.03	95

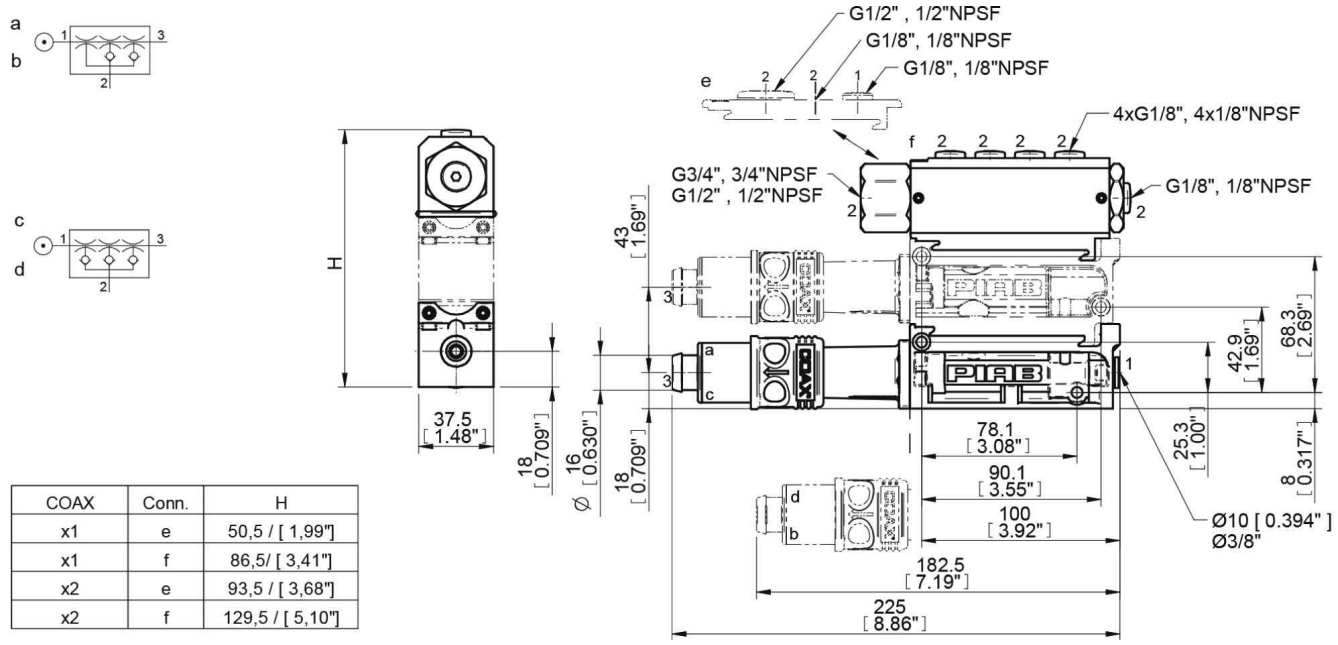
Evacuation time

COAX® Cartridge	Feed pressure	Air consumption	Evacuation time (s/l) to reach different vacuum levels (-kPa)									Max vacuum
	MPa	Nl/s	10	20	30	40	50	60	70	80	90	-kPa
Pi48-2	0.31	2	0.03	0.07	0.13	0.26	0.46	0.7	1	1.6	4	90
Pi48-3	0.31	2.05	0.02	0.06	0.12	0.25	0.45	0.7	1	1.6	4	90
Si32-2	0.6	1.75	0.03	0.07	0.1	0.18	0.33	0.53	0.8	—	—	75
Si32-3	0.6	1.75	0.02	0.05	0.1	0.18	0.33	0.53	0.8	—	—	75
Xi40-2	0.45	1.83	0.04	0.09	0.17	0.28	0.44	0.63	0.9	1.3	2.3	95
Xi40-3	0.45	1.83	0.022	0.062	0.12	0.22	0.37	0.57	0.84	1.2	2.2	95

Blow flow

COAX® Cartridge	Feed pressure	Air consumption	Blow flow (Nl/s) at different pressure levels (kPa)												Max pressure
	MPa	Nl/s	0	20	40	60	70	80	90	100	110	120	130	140	kPa
Pi48-2 (Blow-off)	0.6	3.5	6.15	6.15	5.95	5.03	4.49	4.49	4.49	4.49	4.49	4.26	4	3.63	140
Si32-2	0.6	1.75	5.05	4.25	3.3	2.65	2.35	1.8	—	—	—	—	—	—	70
Si32-3	0.6	1.75	7.8	4.6	3.3	2.7	2.3	1.8	—	—	—	—	—	—	70
Pi48-3	0.6	3.55	9.5	6.5	6	5.3	4.7	4.6	4.6	4.5	4.5	4.3	4	3.7	140
Xi40-2	0.6	2.33	5.1	4.6	3.4	3.3	3.1	2.8	2.4	—	—	—	—	—	90
Xi40-3	0.6	2.33	8.4	5.1	3.92	3.39	3.23	2.95	2.58	—	—	—	—	—	90

Dimensional drawings



COAX	Conn.	H
x1	e	50,5 / [1,99"]
x1	f	86,5/ [3,41"]
x2	e	93,5 / [3,68"]
x2	f	129,5 / [5,10"]

Values specified in the data sheet are tested at:

Room temperature	(20°C [68°F] ± 3°C [5.5°F])
Standard atmosphere	(101.3 [29.9 inHg] ± 1.0 kPa [0.3 inHg])
Relative humidity	0-100%
Compressed air quality	DIN ISO 8573-1 class 4