

Pi48-3



- ▶ Three-stage COAX® cartridge - MIDI - with high initial vacuum flow.
- ▶ Vacuum level to 90 -kPa at low feed pressure.
- ▶ High system reliability in case of fluctuating or low feed pressure.
- ▶ Suitable for fast evacuation of large volumes in sealed systems.
- ▶ Efficient generator of blow-air. Recommended for overpressures between 0.05 and 0.14 MPa.

TECHNICAL DATA

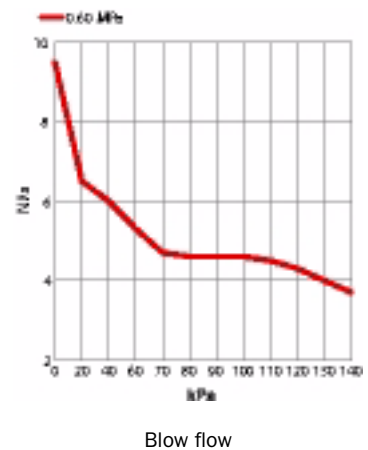
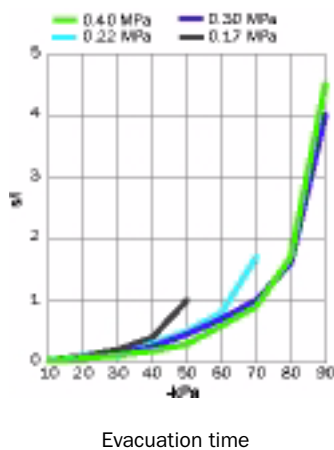
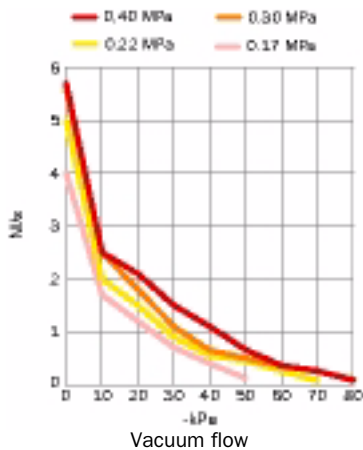
Description	Unit	Value
Feed pressure, max.	MPa	0.7
Temperature range	°C	-10-80
Weight	g	33-70
Material		AI, NBR, PA, SS

VACUUM FLOW

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	
0.17	1.37	4.0	1.7	1.2	0.70	0.40	0.12	—	—	—	—	55
0.22	1.62	5.0	2.0	1.5	0.90	0.55	0.45	0.26	0.07	—	—	73
0.30	2.0	5.6	2.5	1.8	1.1	0.65	0.50	0.35	0.25	0.10	—	90
0.40	2.54	5.7	2.5	2.1	1.5	1.1	0.66	0.36	0.26	0.08	—	86

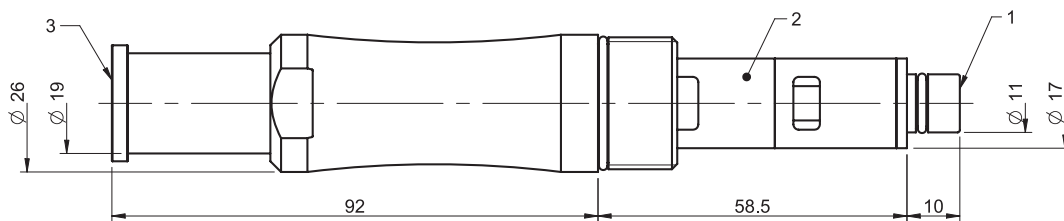
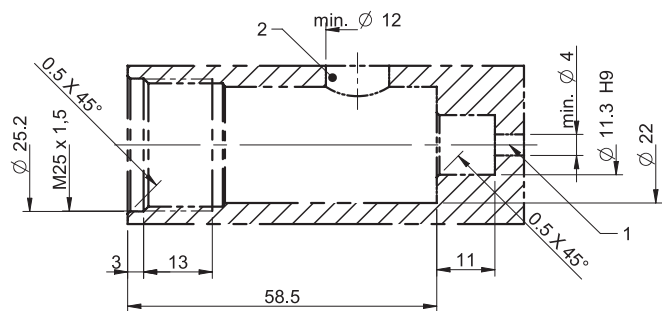
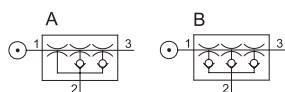
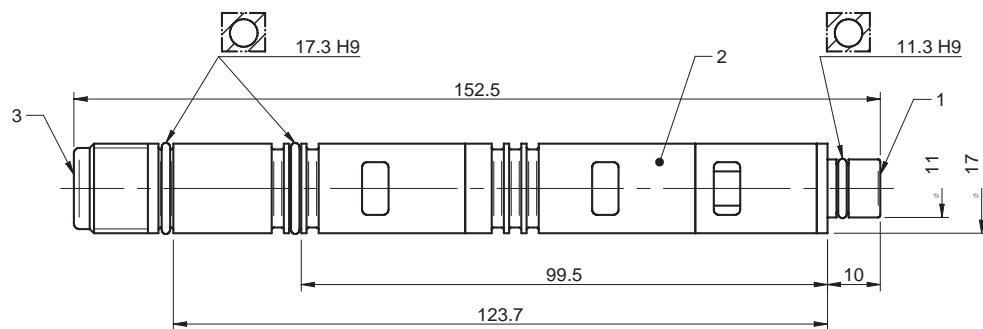
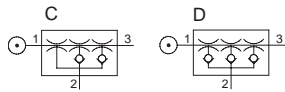
EVACUATION TIME

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	
0.17	1.37	0.030	0.10	0.20	0.40	1.0	—	—	—	—	55
0.22	1.62	0.025	0.080	0.17	0.30	0.50	0.80	1.7	—	—	73
0.30	2.0	0.020	0.060	0.12	0.25	0.45	0.70	1.0	1.6	4.0	90
0.40	2.54	0.020	0.055	0.11	0.18	0.29	0.59	0.90	1.7	4.5	86



ORDERING INFORMATION

Description	Art. No.
C COAX® cartridge MIDI Pi48-3	0106639
A COAX® cartridge MIDI Pi48-3, holding cap	0107129
D COAX® cartridge MIDI Pi48-3, extra non-return valve	0107714
B COAX® cartridge MIDI Pi48-3, holding cap, extra non-return valve	0107716



ORDERING INFORMATION, ACCESSORIES

Description	Art. No.
Silencer COAX® MIDI	0111976