

COAX® MIDI family



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.

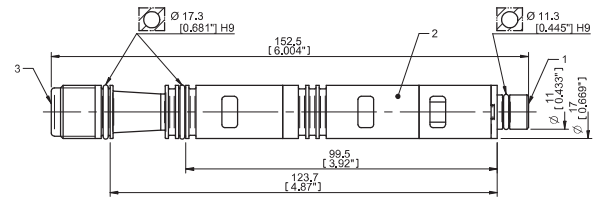
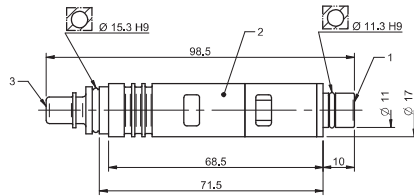
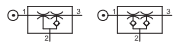
VACUUM FLOW

COAX® Cartridge	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	
MIDI Pi48-2	0.31	2	2.8	2.5	1.8	1.1	0.65	0.5	0.35	0.25	0.1	—	90
MIDI Pi48-3	0.31	2	5.6	2.5	1.8	1.1	0.65	0.5	0.35	0.25	0.1	—	90
MIDI Si32-2	0.6	1.75	3.3	3	2.6	1.7	0.9	0.6	0.5	0.35	—	—	75
MIDI Si32-3	0.6	1.75	6	3.5	2.6	1.7	0.9	0.6	0.5	0.35	—	—	75
MIDI 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
MIDI 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 TIMES

COAX® Cartridge	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	
MIDI Pi48-2	0.31	2	0.03	0.07	0.13	0.26	0.46	0.7	1	1.6	4	90
MIDI Pi48-3	0.31	2	0.02	0.06	0.12	0.25	0.45	0.7	1	1.6	4	90
MIDI Si32-2	0.6	1.75	0.03	0.07	0.1	0.18	0.33	0.53	0.8	—	—	75
MIDI Si32-3	0.6	1.75	0.02	0.05	0.1	0.18	0.33	0.53	0.8	—	—	75
MIDI 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
MIDI 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

DIMENSIONAL DRAWING



ORDERING INFORMATION

Description	Item No.
COAX® cartridge MIDI Pi48-2	0107125
COAX® cartridge MIDI Pi48-2, extra non-return valve	0107710
COAX® cartridge MIDI Pi48-2, holding cap	0107127
COAX® cartridge MIDI Pi48-2, holding cap, extra non-return valve	0107712
COAX® cartridge MIDI Pi48-3	0106639
COAX® cartridge MIDI Pi48-3, extra non-return valve	0107714
COAX® cartridge MIDI Pi48-3, extra non-return valve, sealings in Viton®	0124806
COAX® cartridge MIDI Pi48-3, holding cap	0107129
COAX® cartridge MIDI Pi48-3, holding cap, extra non-return valve	0107716
COAX® cartridge MIDI Pi48-3, sealings in Viton®	0117286
COAX® cartridge MIDI Si32-2	0107124
COAX® cartridge MIDI Si32-2, extra non-return valve	0107709
COAX® cartridge MIDI Si32-2, holding cap	0107126
COAX® cartridge MIDI Si32-2, holding cap, extra non-return valve	0107711
COAX® cartridge MIDI Si32-3	0107053

Description	Item No.
COAX® cartridge MIDI Si32-3, extra non-return valve	0107713
COAX® cartridge MIDI Si32-3, extra non-return valve, sealings in Viton®	0122176
COAX® cartridge MIDI Si32-3, holding cap	0107128
COAX® cartridge MIDI Si32-3, holding cap, extra non-return valve	0107715
COAX® cartridge MIDI Si32-3, sealings in Viton®	0114989
COAX® cartridge MIDI Xi40-2	0118747
COAX® cartridge MIDI Xi40-2, extra non-return valve	0118748
COAX® cartridge MIDI Xi40-2, holding cap	0118757
COAX® cartridge MIDI Xi40-2, holding cap, extra non-return valve	0118758
COAX® cartridge MIDI Xi40-3	0118724
COAX® cartridge MIDI Xi40-3, extra non-return valve	0118725
COAX® cartridge MIDI Xi40-3, extra non-return valve, sealings in Viton®	0124796
COAX® cartridge MIDI Xi40-3, holding cap	0118759
COAX® cartridge MIDI Xi40-3, holding cap, extra non-return valve	0118760
COAX® cartridge MIDI Xi40-3, sealings in Viton®	0124794