COAX® CARTRIDGE MICRO

Si02-2

- Two-stage COAX® cartridge - MICRO - probably the world's smallest multistage vacuum ejector.
- Large vacuum flow in relation to energy consumption.
- Good for handling porous materials or if surface leakage is present.
- The low weight makes it suitable to integrate close to the suction point in high speed pick-and-place applications of small objects.

TECHNICAL DATA

Description	Unit	Value
Feed pressure, max.	MPa	0.7
Temperature range	°C	-10-80
Weight	g	1.5-2.3
Material		Al, NBR, PA, SS

VACUUM FLOW

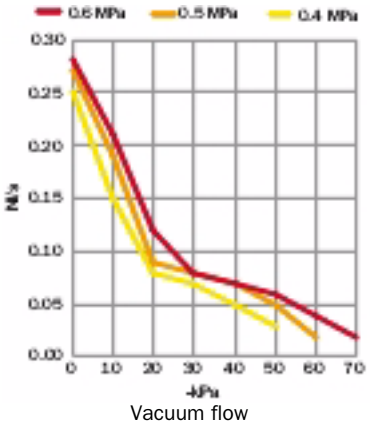
Feed pressure	Air consumption	Vacuum flow (Nl/s) at different vacuum levels (-kPa)								Max vacuum
MPa	Nl/s	0	10	20	30	40	50	60	70	-kPa
0.4	0.09	0.25	0.15	0.08	0.07	0.05	0.03	—	—	60
0.5	0.10	0.27	0.19	0.09	0.08	0.07	0.05	0.02	—	70
0.6	0.12	0.28	0.21	0.12	0.08	0.07	0.06	0.04	0.02	75

EVACUATION TIME

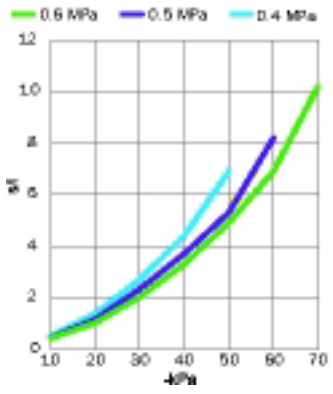
Feed pressure	Air consumption	Evacuation time (s/l) to reach different vacuum levels (-kPa)							Max vacuum
MPa	Nl/s	10	20	30	40	50	60	70	-kPa
0.4	0.09	0.50	1.37	2.70	4.40	6.90	—	—	60
0.5	0.10	0.43	1.15	2.33	3.70	5.30	8.20	—	70
0.6	0.12	0.41	1.01	2.01	3.30	4.90	6.90	10.2	75

BLOW FLOW

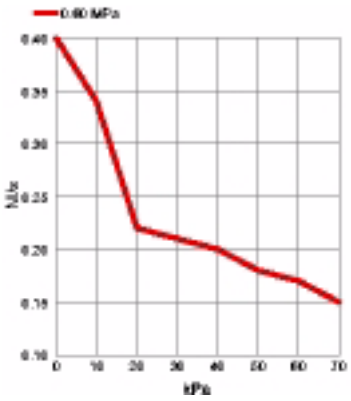
Feed pressure	Air consumption	Blow flow (Nl/s) at different pressure levels (kPa)								Max pressure
MPa	Nl/s	0	10	20	30	40	50	60	70	kPa
0.6	0.12	0.40	0.34	0.22	0.21	0.20	0.18	0.17	0.15	70



Vacuum flow



Evacuation time

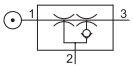


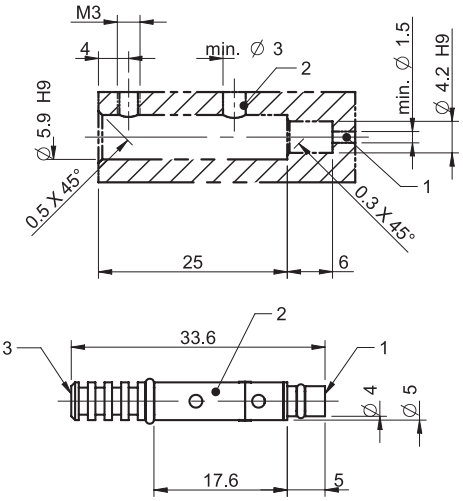
Blow flow

Specifications subject to change without notice.

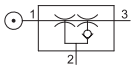
ORDERING INFORMATION

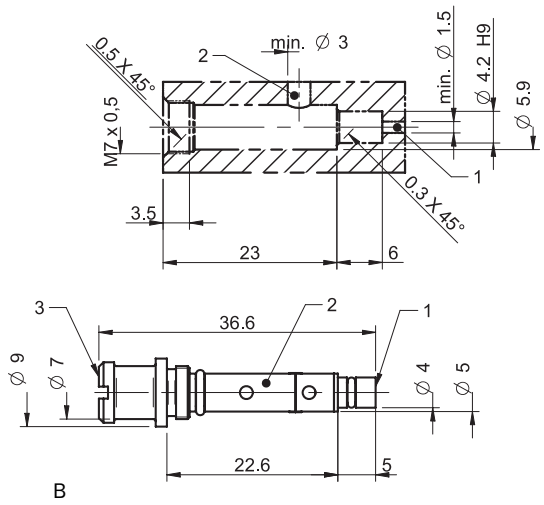
	Description	Art. No.
A	COAX® cartridge MICRO Si02-2	0113591
B	COAX® cartridge MICRO Si02-2, holding cap	0113593





A





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