piab Evolving automation



Item no: 01.13.591

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.
- Used in P2010 and VGS™2010.

General

Material	TPE, PA, SS, AL, NBR
Temperature	14 - 176 °F
Weight	0.053 - 0.081 oz

Feed pressure, max.	101.5 psi

Feed pressure	Air consumption	Vacuum flow (scfm) at different vacuum levels (-inHg)									Max vacuum
psi	scfm	0	2	5	8	11	14	17	20	23	26	-inHg
58	0.19	0.53	0.32	0.17	0.15	0.11	0.064	0	0	0	0	17.72
72.5	0.21	0.57	0.4	0.19	0.17	0.15	0.11	0.042	0	0	0	20.67
87	0.25	0.59	0.44	0.25	0.17	0.15	0.13	0.085	0.042	0	0	22.15

Feed pressure	Air consumption	Evacuation time (s/cf) to reach different vacuum levels (-inHg)									Max vacuum
psi	scfm	2	5	8	11	14	17	20	23	26	-inHg
58	2.55	14.16	38.79	76.46	124.59	195.39	0	0	0	0	17.72
72.5	2.83	12.18	32.56	65.98	104.77	150.079	232.2	0	0	0	20.67
87	3.4	11.61	28.6	56.92	93.45	138.75	195.39	288.83	0	0	22.15

Feed pressure	Air consumption	Blow flow (scfm) at different pressure levels (-inHg)									Max vacuum
psi	scfm	2	5	8	11	14	17	20	23	26	-inHg
87	3.4	0.19	0.16	0.1	0.099	0.094	0.085	0.08	0.071	0	0	22.15

Dimensional drawings



