Ejectors

Inline ejector FIG

FEZER
Simply move more.

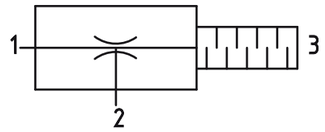
Description
Inline ejector for installation in suspension bolt assembly with compressed air supply. The ejector consists of a stable aluminum body with brass nozzle. Available in 3 different powers.

Application
- for direct installation in suspension bolt
- use in handling systems with different occupancy grades
- evacuation of small volumes
- any mounting position

FIG-05 ... FIG-09

Article number

Type	Article number
FIG-05	1.44.1.0001
FIG-07	1.44.1.0002
FIG-09	1.44.1.0003



Schaltbild FIG

1 Compressed air connection
2 Vacuum connection
3 Exhaust

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Technical data

Type	Vacuum* (mbar)	Suction volume* (l/s)	Suction volume* (m³/h)	Air consumption* (l/min)	Air consumption* (m³/h)	Pressure** (bar) max.	Pressure** (bar) opt.	Noise level* dB (A)	Temperature (°C)	Weight (kg)
FIG-05	-870	0,12	0,03	12	0,20	2 ... 8	5	62	0 ... +60	0,015
FIG-07	-900	0,23	0,06	21	0,35	2 ... 8	5	64	0 ... +60	0,015
FIG-09	-900	0,35	0,1	36	0,60	2 ... 8	5	67	0 ... +60	0,015

* at optimum operational pressure,
** dry, filtered, oil-free compressed air

Evacuation and ventilation time (s) for 1l volume

Type	Vacuum level (mbar) -100	-200	-300	-400	-500	-600	-700	-800	Ventilation time at max. vacuum level
FIG-05	0,7	1,5	2,5	3,8	5,6	7,8	12,5	26,8	1,8
FIG-07	0,5	0,9	1,5	2,2	3,3	4,8	7,9	15,8	1,2
FIG-09	0,3	0,5	0,9	1,3	1,9	2,8	4,5	8,8	0,9

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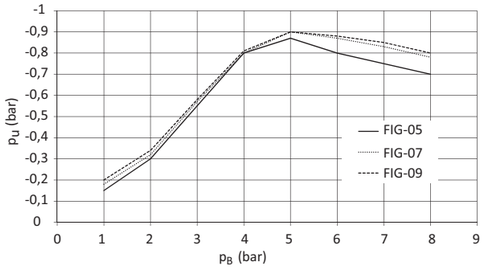
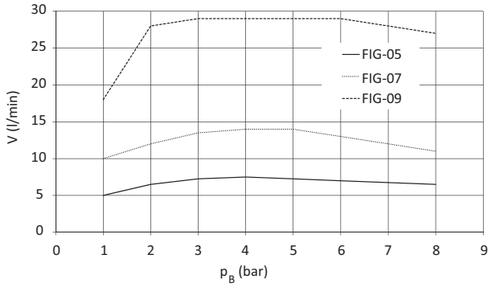
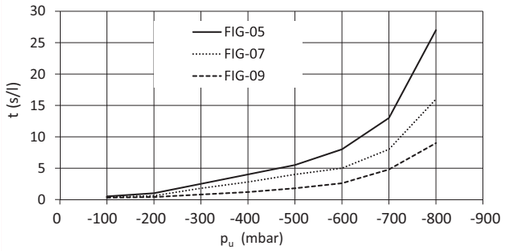


Vacuum level FIG at different operational pressures



Suction volume FIG at different operational pressures



Evacuation time FIG at different operational pressures

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Inline ejector FIG

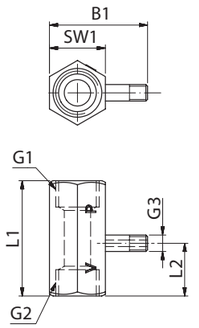

FIG-05 ... FIG-09

Dimensions

Type	L1	L2	B1	G1	G2	G3	SW
FIG-05	35	16	21,3	G1/4	G1/4	M5	17
FIG-07	35	16	21,3	G1/4	G1/4	M5	17
FIG-09	35	16	21,3	G1/4	G1/4	M5	17