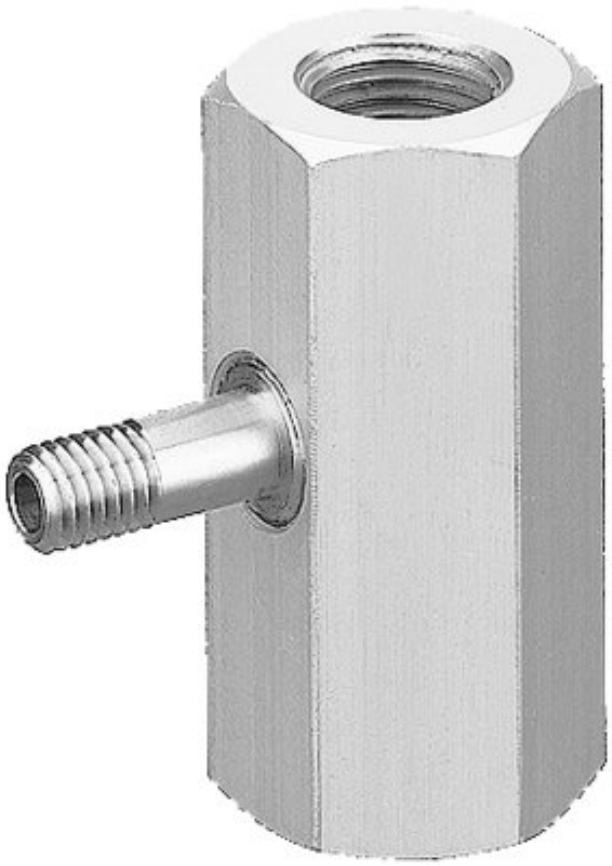
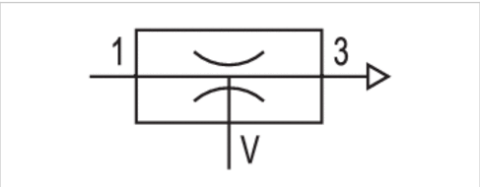
Series EIX



AVENTICS™ Series EIX

EMERSON.

Ejector Inline, Series EIX



Activation	pneumatically
Working pressure min./max.	2 ... 6 bar
Ambient temperature min./max.	0 ... 50 °C
Medium temperature min./max.	0 ... 60 °C
Medium	Compressed air
Max. particle size	5 µm
Oil content of compressed air	0 ... 1 mg/m³
Weight	See table below

Technical data

Part No.	Type	Nozzle Ø	Max. vacuum level at p.opt	Max. suction capacity
0821305186	EIX-PI-05-NN	0.5 mm	83 %	5 l/min
0821305009	EIX-PI-07-NN	0.7 mm	81 %	11 l/min
0821305187	EIX-PI-09-NN	0.9 mm	89 %	21 l/min

Part No.	Air consumption at p.opt.	Weight
0821305186	12 l/min	0.028 kg
0821305009	21 l/min	0.028 kg
0821305187	38 l/min	0.022 kg

p.opt. = optimum working pressure

Technical information

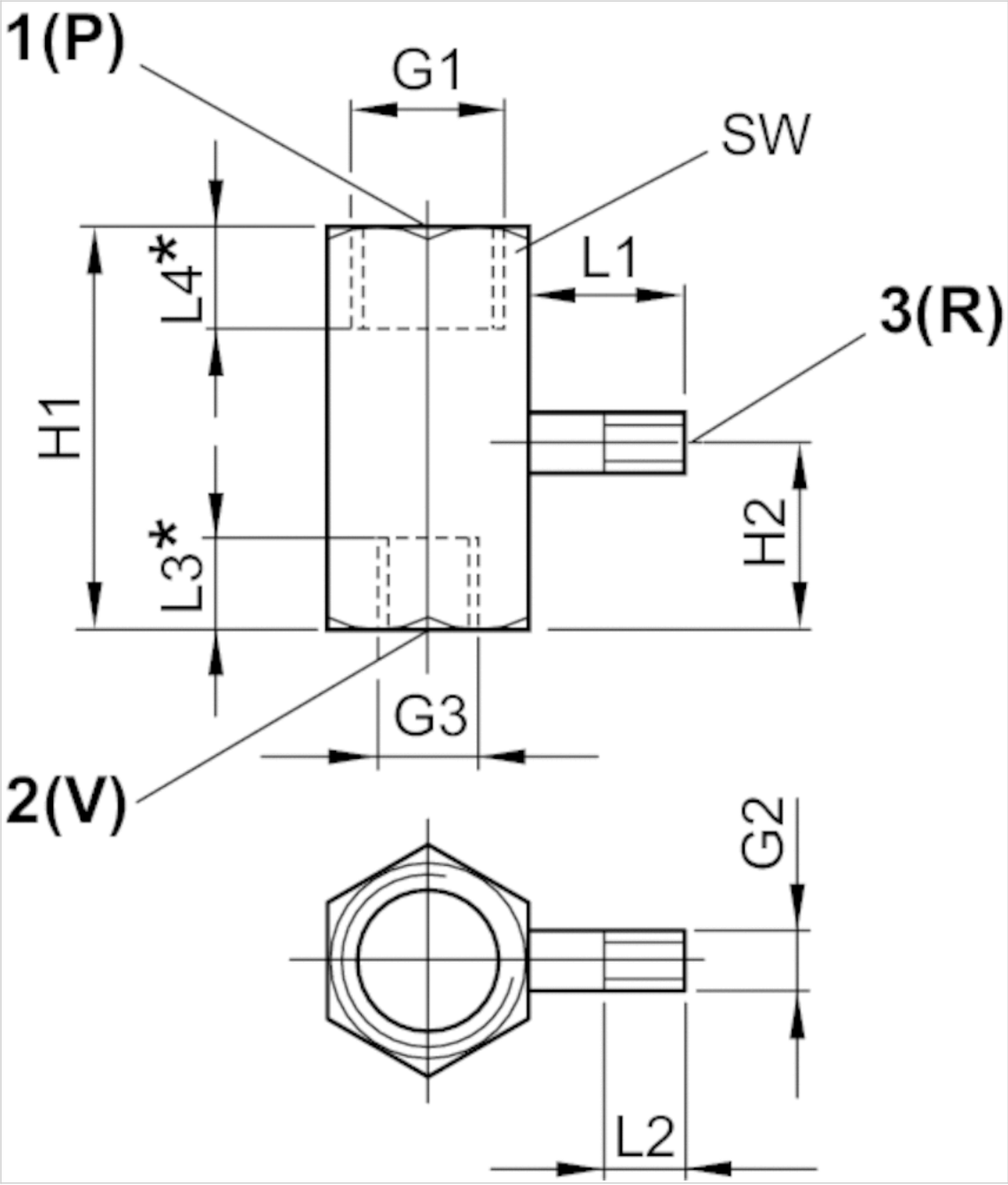
Note: All data refers to an ambient pressure of 1.013 bar and an ambient temperature of 20 °C .
The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C .
The oil content of compressed air must remain constant during the life cycle.

Technical information

Material	
Housing	Aluminum, anodized
Nozzle	Brass

Dimensions

Dimensions

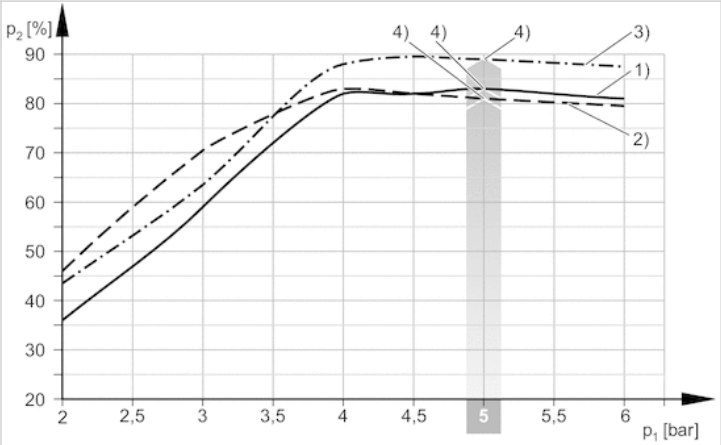


Dimensions

Part No.	L1	L2	L3	L4	H1	H2	G1	G2	G3	SW
0821305186	12.8	5	7.5	10	35	16	G 1/4	M5	G 1/8	17
0821305009	12.8	5	7.5	10	35	16	G 1/4	M5	G 1/8	17
0821305187	12.8	5	7.5	10	35	16	G 1/4	M5	G 1/8	17

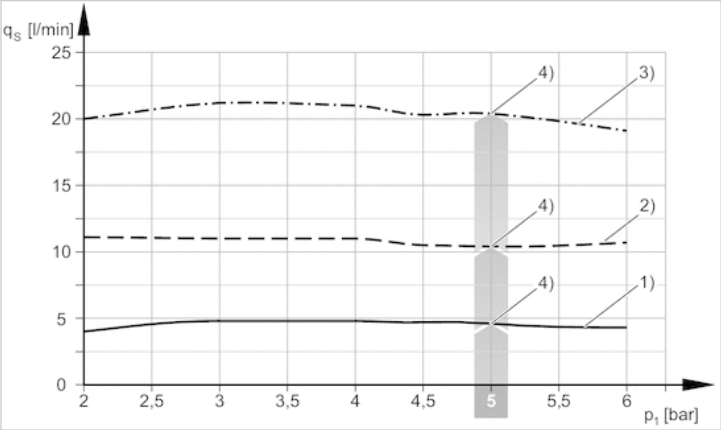
Diagrams

Vacuum p2 depending on working pressure p1



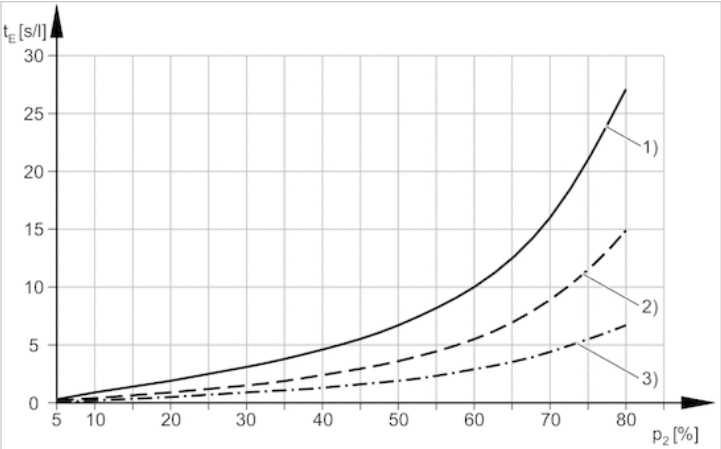
1) Ø nozzle 0.5 mm
2) Ø nozzle 0.7 mm
3) Ø nozzle 0.9 mm
4) optimum working pressure

Suction capacity qs depending on working pressure p1



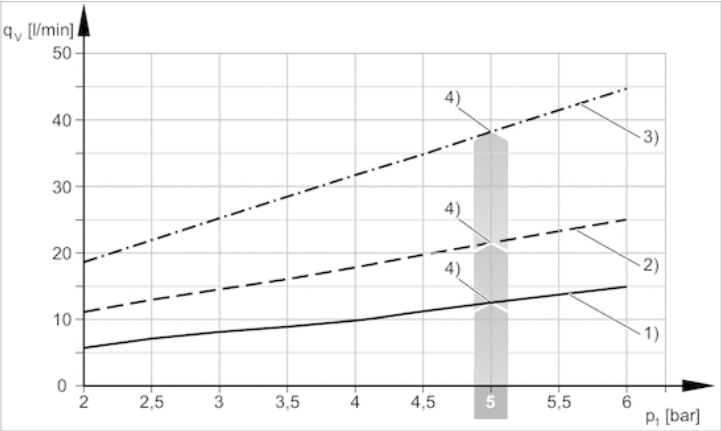
1) Ø nozzle 0.5 mm
2) Ø nozzle 0.7 mm
3) Ø nozzle 0.9 mm
4) optimum working pressure

Evacuation time tE depending on vacuum p2 for 1 l volume (with optimal operating pressure p1opt)



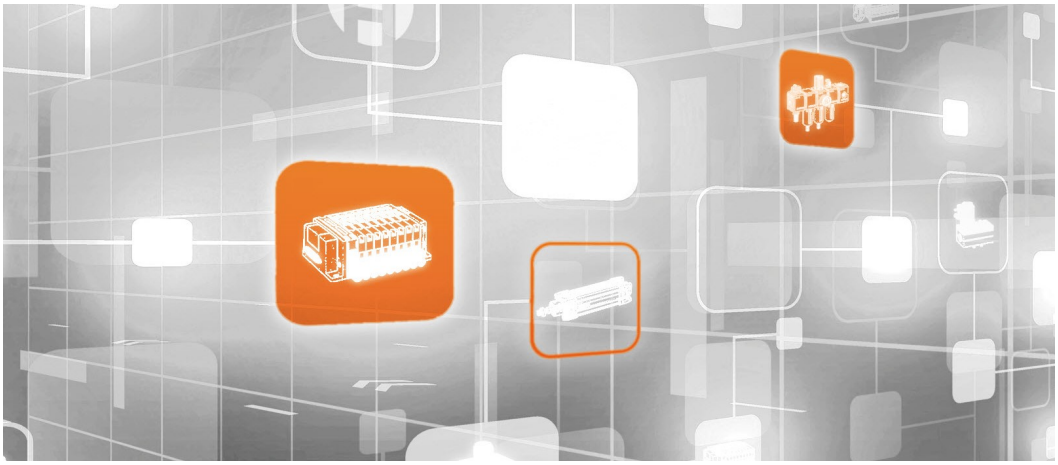
1) Ø nozzle 0.5 mm
2) Ø nozzle 0.7 mm
3) Ø nozzle 0.9 mm

Air consumption qv depending on working pressure p1



1) Ø nozzle 0.5 mm
2) Ø nozzle 0.7 mm
3) Ø nozzle 0.9 mm
4) optimum working pressure

Efficient pneumatic solutions, our program: cylinders and drives, valves and valve systems, air supply management



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