



Vacuum generation | Inline ejectors

Inline ejectors EIL

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Compressed air and vacuum connection via quick fittings, lateral exhaust



V = Vacuum connection **P** = Compressed air connection **Ex** = Exhaust outlet

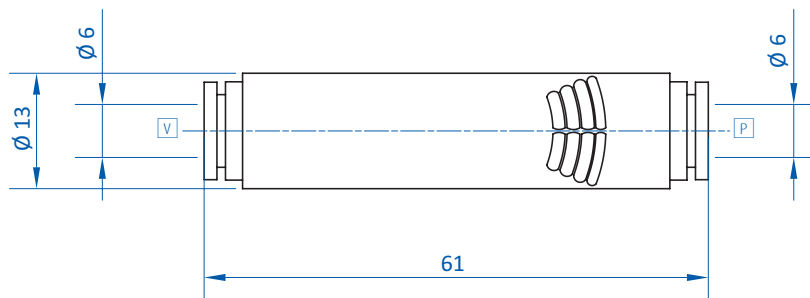
Product notes

- > Easy installation directly in the tubing line close to the vacuum cup
- > High suction power enables short gripping times
- > Index H: ejectors for non-air-permeable products (max. vacuum degree 85 %)
- > Index L: ejectors for air-permeable products, resp. in case of higher leakage (increased suction, max. vacuum degree 60 %)

Technical data

Item no.	EIL.05H.1	EIL.05L.1	EIL.07H.1	EIL.07L.1
Nozzle diameter [mm]	0.5	0.5	0.7	0.7
Optimal operating pressure [bar (psi)]	5 (72.5)	5 (72.5)	5 (72.5)	5 (72.5)
Suction power at 5 bar (72.5 psi) [NI/min]	8	14	13	28
Air consumption at 5 bar (72.5 psi) [NI/min]	14	14	28	28
Final vacuum at 5 bar (72.5 psi) [%]	85	60	85	60
Evacuation time 0 to 70 % [s/l]	13	--	7.5	--
Evacuation time 0 to 45 % [s/l]	--	4	--	2
Weight [g]	13	13	13	13
Suitable accessories	Plug-in filter: 71.071 Mounting bracket: EIL.05-HO	Plug-in filter: 71.071 Mounting bracket: EIL.05-HO	Plug-in filter: 71.071 Mounting bracket: EIL.07-HO	Plug-in filter: 71.071 Mounting bracket: EIL.07-HO

Dimensions

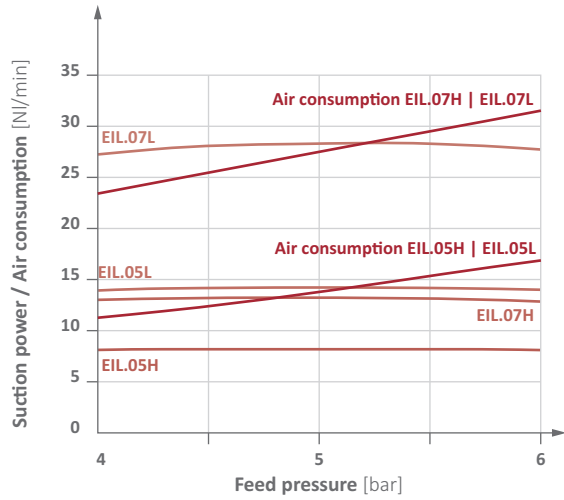


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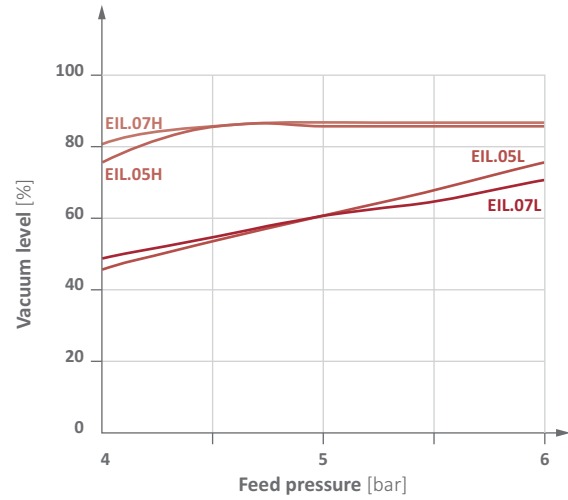


Diagrams

> Suction power and air consumption against feed pressure



> Vacuum level against feed pressure



Suction power [NI/min] at vacuum level

Item no.	0 %	10 %	20 %	30 %	40 %	50 %	60 %	70 %	80 %
EIL.05H.1	8	5.3	4.2	3.9	3.3	2.5	1.3	0.4	0.1
EIL.05L.1	14	11.9	9	6.8	4.3	2.2	0.1	--	--
EIL.07H.1	13	10.8	9.2	8.1	7	5.2	4.1	2.7	1.1
EIL.07L.1	28	26	22.1	17.6	10.8	5.4	1.9	--	--