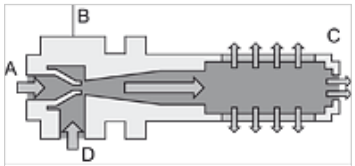
K-GRUNDEJEKTION SBP

Basic ejectors

Properties

Properties	Vacuum generator without control valves or system monitoring functions, with a high maximum vacuum value (85%) No moving parts, which means no wear and no maintenance Maximum suction capacity with minimum compressed air consumption Minimum size, low weight For decentralised vacuum generation in highly dynamic processes
Application	For universal use in lightweight gripper systems to handle air-tight workpieces as well as for automatic separation systems, e.g. in the plastics, electronics and packaging industries. Also ideal for the construction of ejector blocks for decentralised control of suction pads.
Housing	Plastic (impact-resistant)
Connection	Push-in coupling
Operating pressure	4.5 bar
degree of evacuation	85 %
Silencer	Plastic



Note

Further information on request

Description

Purely pneumatic vacuum ejector that operates on the Venturi principle. Compressed air enters the ejector at A and flows through the nozzle B. This results in a vacuum immediately behind the nozzle outlet, and air is drawn in through the vacuum inlet D. This air and the driving air leave the ejector via the silencer C.

Item

Identification	Nozzlesize	Pneumatic connection	Vacuum inlet	air consumption suction (L/min)	max. suction capacity (L/min)	Dimension
K- 07 45 01 13	0,5	4 mm	4 mm	14,0	8,0	71mm x 10mm x 28mm
K- 07 45 01 14	0,7	4 mm	4 mm	22,0	16,0	71mm x 10mm x 28mm
K- 07 45 01 15	1,0	6 mm	8 mm	48,0	37,7	97mm x 15mm x 40mm
K- 07 45 01 16	1,5	6 mm	8 mm	105,0	71,0	97mm x 15mm x 40mm
K- 07 45 01 17	2,0	8 mm	10 mm	197,0	127,0	168mm x 20mm x 46mm
K- 07 45 01 18	2,5	8 mm	10 mm	311,0	215,0	168mm x 20mm x 46mm

Accessories

K-GRUNDPLATTEN 1	Base plate
K-ERSATZSCHALLDAEMPFER 3	Replacement silencers
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