

Suction pads for plastic films and paper



Vacuum lifting cylinder HS

Vacuum suction pads
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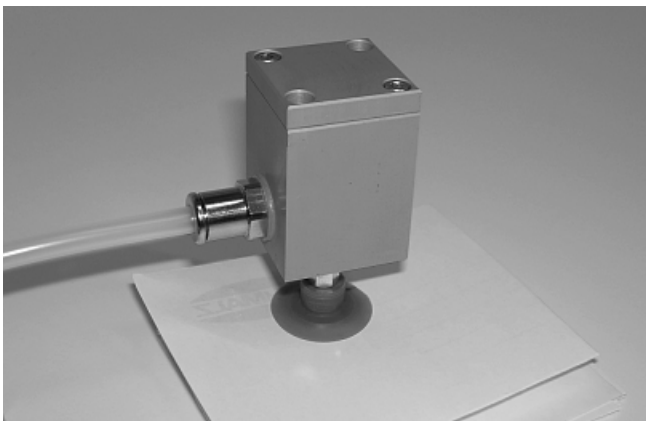
Lifting suction pad HS

Our highlights...

- Vacuum-actuated, automatic lifting

Your advantages...

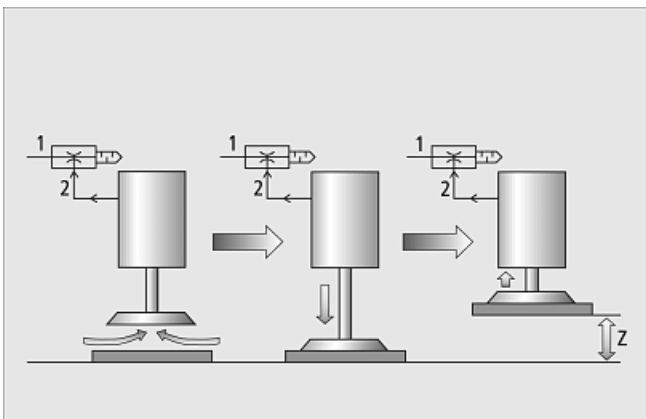
- > Reliable separation of thin, porous workpieces



Application example HS 15-22 M5-IG

Applications

- Separation and handling of paper, veneer and similar thin and porous workpieces when mounted vertically



Functional principle HS

Construction

- Lifting suction pad consisting of a piston rod and anodized aluminum housing
- In the idle position, the piston rod is retracted
- When vacuum is applied, the piston rod is extended
- As soon as the suction pad touches the workpiece, the piston rod is retracted, lifting the workpiece before the "suck-through" effect is generated
- Delivery without suction pad



Suitability for branch-specific applications

Suction pads for plastic films and paper

Vacuum lifting cylinder HS



Designation code Vacuum lifting cylinder HS

Short designation	Stroke in mm	Plunger length in mm	Connection thread
Example: HS	15	22	M5-IG
HS	15	22	M5-IG (IG = female)
	30	32	G1/8-IG

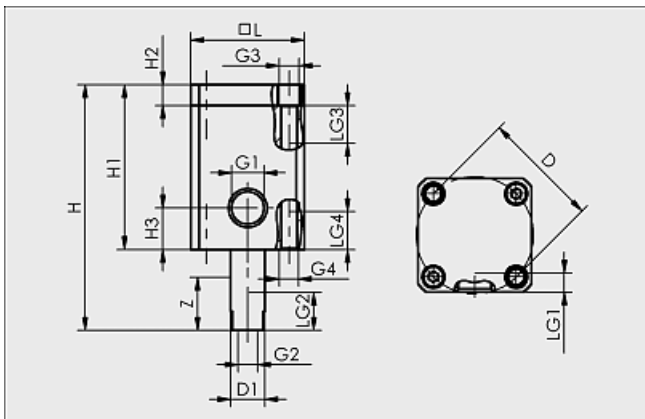
Ordering data Vacuum lifting cylinder HS

Type	Article No.
HS 15-22 M5-IG	10.01.07.00014
HS 30-32 G1/8-IG	10.01.07.00001

Technical data Vacuum lifting cylinder HS

Type	Lifting force (pu = 0.8 bar) [N]	Air consumption [l/min]	Air consumption [m³/h]	Cycle time [s]	Weight [kg]
HS 15-22 M5-IG	3,5	33,3	2	0,8	0,130
HS 30-32 G1/8-IG	9,0	66,7	4	0,8	0,360

Design data Vacuum lifting cylinder HS



HS 15-22 to 30-32

Type	Dimensions in mm															
	D	D1	G1	G2	G3	G4	H	H1	H2	H3	L	LG1	LG2	LG3	LG4	Z (Stroke)
HS 15-22 M5-IG	31	9	G1/8"-F	M5-F	M5-F	M5-F	65,5	43,5	5,5	11	30	5	10	10	10	14
HS 30-32 G1/8-IG	50	14	G1/8"-F	G1/8"-F	M8-F	M8-F	99,0	67,0	10,0	10	50	8	10	12	12	28