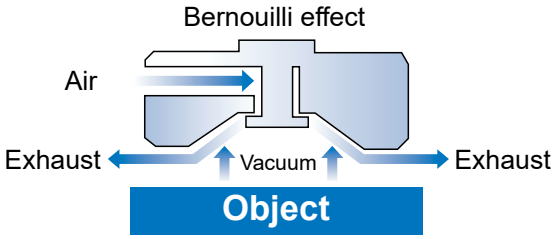
MHPSC series

NO CONTACT TRANSFER



Principle



The principle of these prehension is based on the exploitation of the Bernouilli effect. A positive pressure is applied through form adequate (Insert + curve). The exhaust of this air goes through of low pressure and gets a vacuum aspiring any kind of object.

Order example

MHPSC — 20 — CI

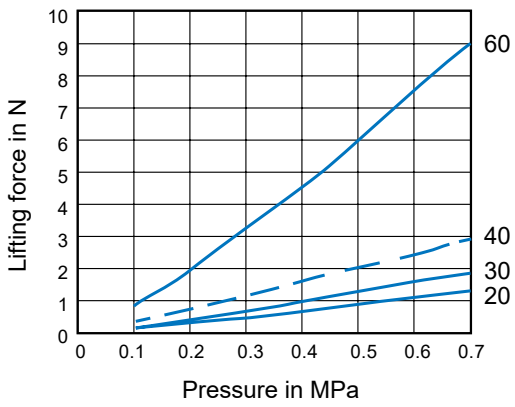
- MODEL
- SIZE
  - **20**
  - **30**
  - **40**
  - **60**
- TYPE
  - **CI**: With 3 rubber absorber
  - **U**: Smooth surface (Only for size 40)

Specification

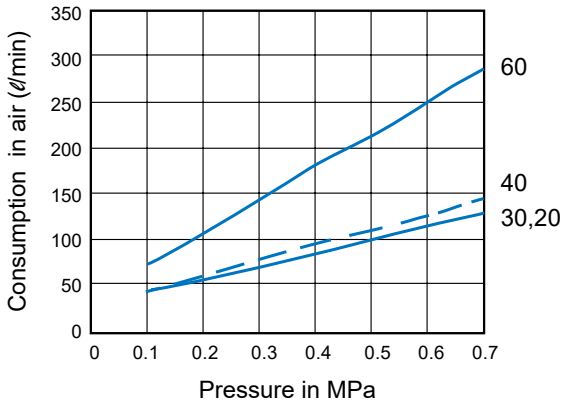
Model	MHPSC			
Size	20	30	40	60
Port size	M3	M5	M5	M5
Medium	Dry air filter 40μ			
Consumption in air (*) l/min	100	100	110	210
Lifting force (*) in N	0.9	1.3	2	6
Operating pressure range	0.2~0.7 MPa			
Ambient temperature	+5~+60°C			
Level of noise	25dB			
Material	Aluminum A5056 and stainless steel			
Weight	10 g	30 g	54 g	124 g

* Indicative value for sizes 20 and 30: Pressure of 0.5 MPa with an air supply by tube ø2,5×4 length: 1m. for sizes 40 and 60: Pressure of 0.5 MPa with an air supply by tubeø4×6 length: 1m.

Lifting force



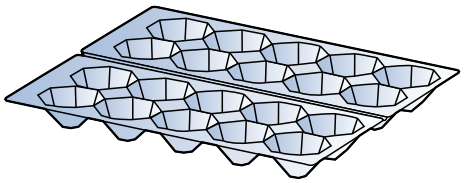
Consumption in air



MHPSC Application examples

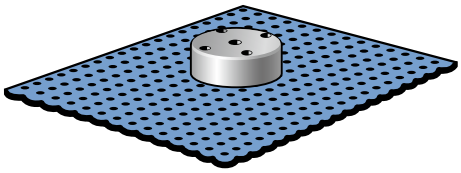
NO CONTACT TRANSFER

■ Eggs or fruits packaging

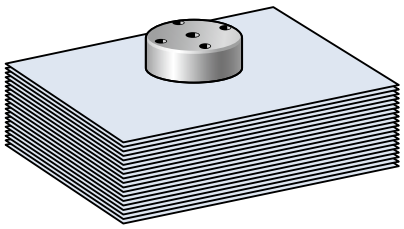


■ Pick up circuit board

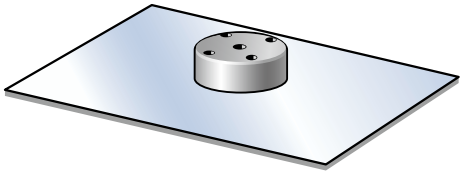




■ Paper sheet with small thickness.
(Transfer sheet by sheet)



■ Glass sheet leave
(no mark on the face)



■ Handling of object on concave or convex surface. Handling of biscuit, wafer, paste, pastry making, membrane, sponge, textile, mirror, etc...

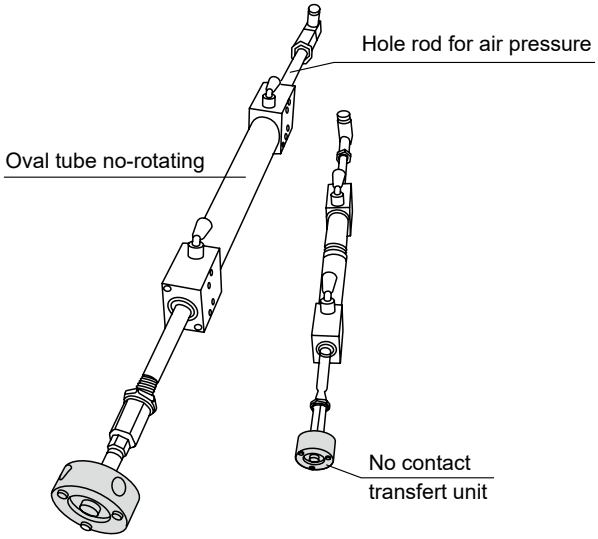
Type



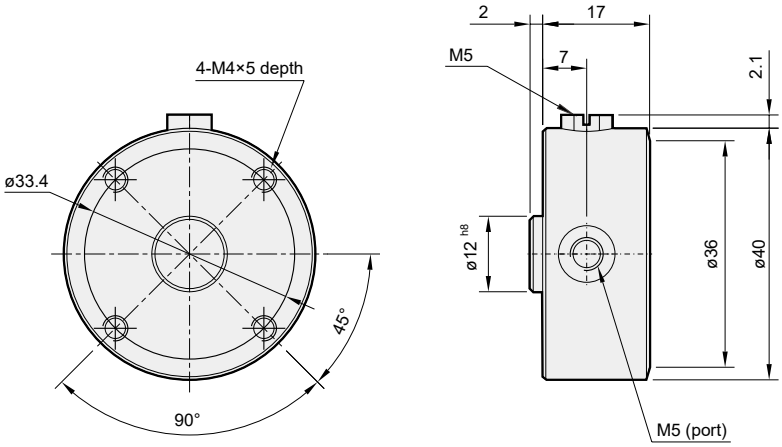
CI



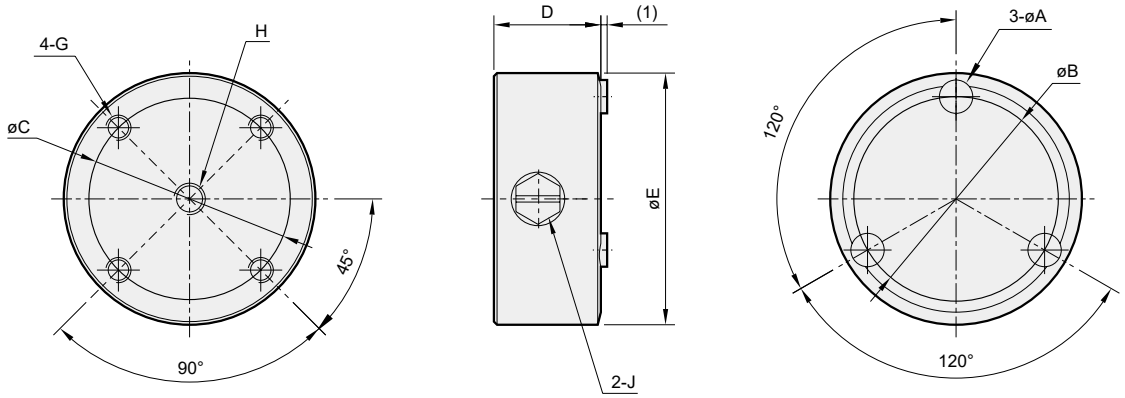
U



MHPSC-40U Smooth surface with treatment



MHPSC-**CI Prehensor with three points of contact



Code / Model	A	B	C	D	E	G	H	J
20	2.2	16.6	14	12	20	M4x5	M3	Plug M3
30	3.4	24.4	22	17	30	M4x10	M5	Plug M5
40	5.3	32.5	32	17	40	M4x10	M5	Plug M5
60	5.3	48.8	44	17	60	M4x10	M5	Plug M5