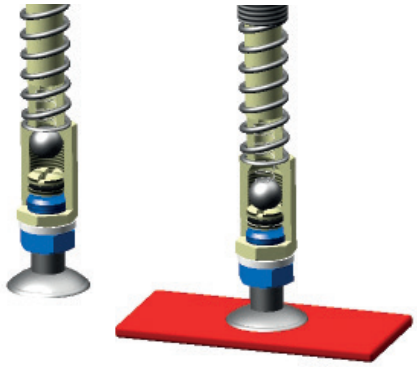
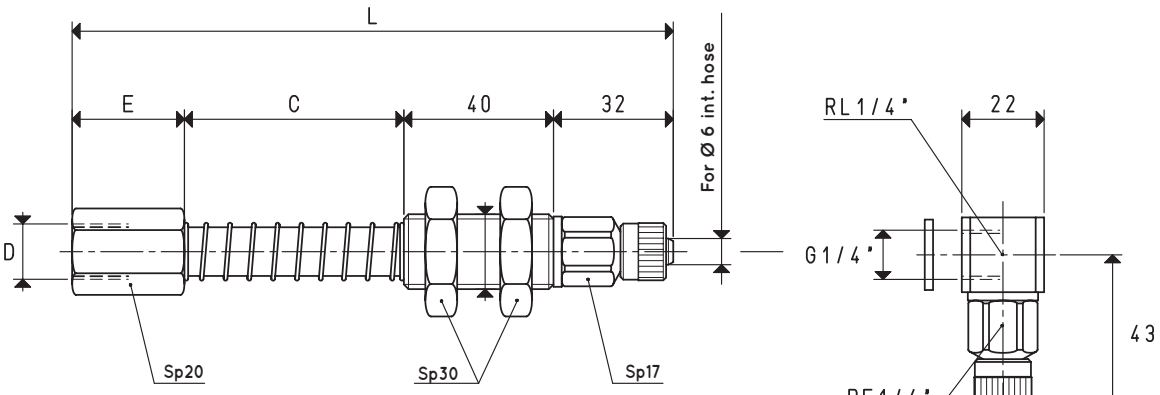
BASIC VACUUM CUP HOLDERS WITH BUILT-IN SHUT-OFF VALVE

Along with all the other features they share with the other basic vacuum cup holders, , these have a built-in shut-off valve. The function of the shut-off valve is to automatically close suction when the cup is not in contact with the surface of the load to be handled or in case of a faulty grip or of considerable transpiration, thus preventing the reduction of the level of vacuum on the remaining cups of the system that are regularly gripping a load. The advantage of this is that the placement or the exclusion of the non-gripping cups is no longer binding. Vacuum cups with a minimum diameter of 10 mm and maximum diameter of 50 mm can be assembled on these cup holders, provided they have a 1/8 "male threaded gas support.
They are composed of:
- A brass stem for fastening the cup;
- A nickel-plated steel threaded sleeve equipped with anti-friction bushes for quick assembly of the cup to the automation;
- A spring to cushion the impact of the cup and to, at the same time, maintain constant pressure with the load to be lifted;
- A quick coupling for connection with the suction hose;
- A shut-off valve.

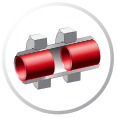
VACUUM ON OBJECT NOT GRIPPED VALVE CLOSED



VACUUM ON OBJECT GRIPPED VALVE OPEN



Equipped with anti-friction bushes



VERSION 02 99 . .

VERSION 02 99 . . L

VACUUM CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8

Item	Portata minima di innesco m^3/h	Grado di vuoto minimo mbar	C	Actual spring stroke mm	Forza di spinta della molla N	D Ø	E	F Ø	L	Weight g
02 99 28	4	-250	28	16	10.78	G1/4"	30	M20	130	256
02 99 65	4	-250	65	49	29.41	G1/4"	30	M20	167	301
02 99 95	4	-250	95	74	23.53	G1/4"	30	M20	197	333

Note: The vacuum cup holder's lifting force depends directly on the vacuum cup model applied to it.
The vacuum cups are not integral parts of the cup holders and, therefore, must be ordered separately.
To order vacuum cup holders with L fittings, add the letter L to the code.

Transformation ratio: N (newton) = Kg x 9.81 (force of gravity) inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6} = \frac{Kg}{0.4536}$