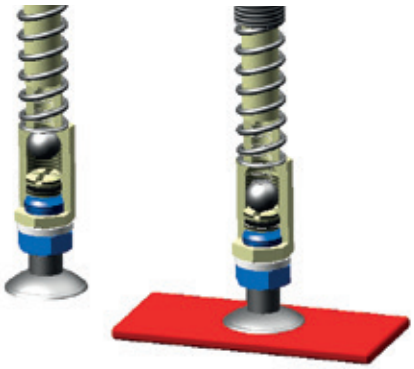
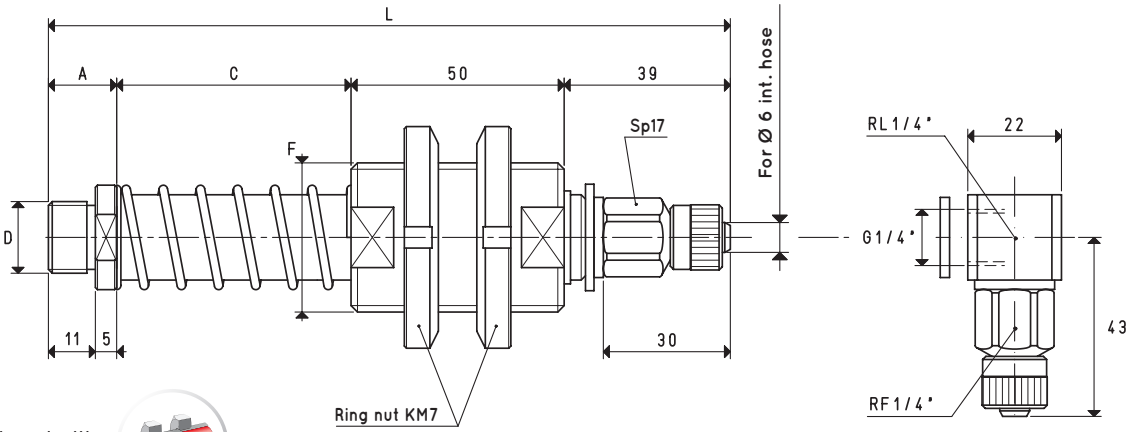
# SPECIAL VACUUM CUP HOLDERS WITH BUILT-IN SHUT-OFF VALVE

Along with all the other features they share with the other special vacuum cup holders, , these have a built-in shut-off valve. The purpose 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.
This thus prevents the reduction of the level of vacuum on the remaining cups of the system which are regularly handling the load. The clear advantage of this system is that the positioning or the exclusion of the non-gripping cups are no longer binding.
Cups with diameters between 85 mm and 150 mm can be assembled onto these cup holders, as long as they are provided with a threaded 3/8" gas female support.
They are composed of:
- A nickel-plated steel stem for fastening the vacuum cup;
- A threaded brass bush, equipped with two anti-friction bushings, fitted with two ring nuts for fastening the vacuum cup holder to the automation;
- A spring to cushion the impact of the cup with the load to be lifted;
- A safety washer;
- A quick coupling for connection with the suction hose;
- A shut-off valve.

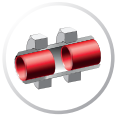
VACUUM ON
OBJECT NOT GRIPPED
VALVE CLOSED



VACUUM ON
OBJECT GRIPPED
VALVE OPEN




Equipped with anti-friction bushes



VERSION 06 ... ..

VERSION 06 ... .. L

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

| Item | Portata minima di innesco m³/h | Grado di vuoto minimo mbar | C | Actual spring stroke mm | Forza di spinta della molla N | A | D Ø | F Ø | L | Weight g |
|---|---|---|---|---|---|---|---|---|---|---|
| **06 99 55** | 4 | -250 | 28 | 16 | 70.63 | 16 | G3/8" | M35 x 1.5 | 160 | 0.63 |
| **06 99 110** | 4 | -250 | 65 | 49 | 35.31 | 16 | G3/8" | M35 x 1.5 | 215 | 0.77 |

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 = $\frac{g}{453.6} = \frac{Kg}{0.4536}$