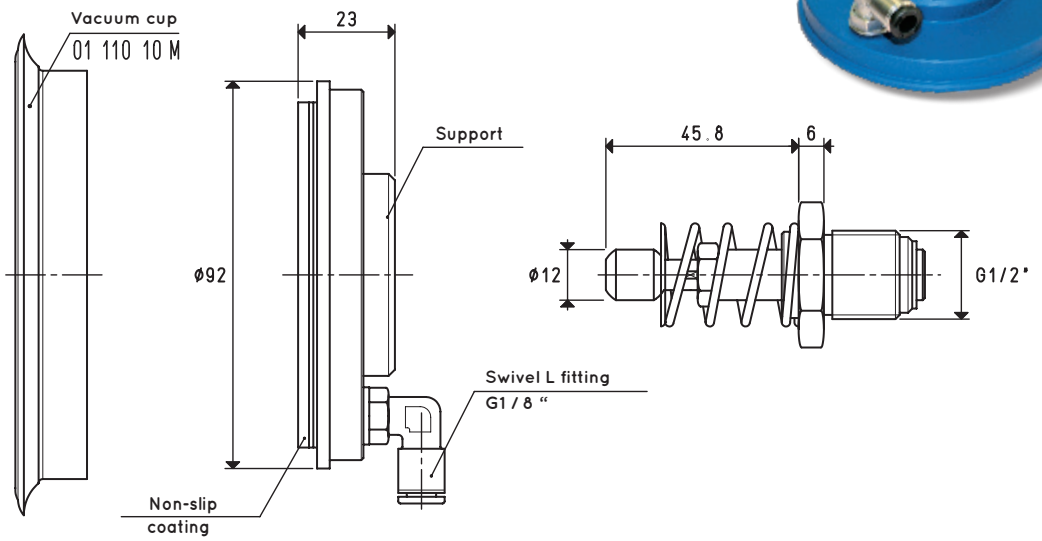
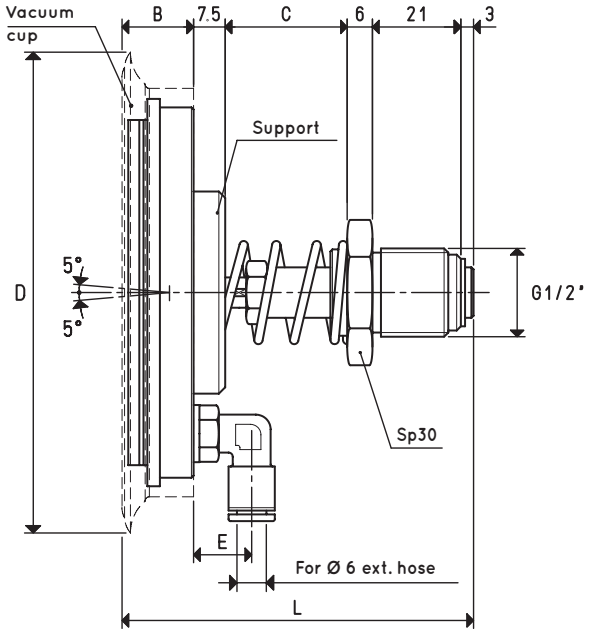
# SPECIAL ARTICULATED VACUUM CUP HOLDERS WITH COMPACT STROKE

Marble and glass slabs are handled using vacuum cups that move them between horizontal and vertical positions. To reduce the lever arm and slippage during rotation, special articulated vacuum cup holders with reduced springing have been developed.
These retain the same technical characteristics as the previous models, but with much smaller dimensions thanks to the integration of the articulated joint in the vacuum cup support, the reduction of the steel stem and the modification of the brass bush in order to allow it to be screwed directly onto the automation.
Finally, a non-slip plastic coating attached to the support prevents the lifted load from slipping.

They are composed of:
- A steel stem with a spherical part;
- A threaded brass bush for fastening the vacuum cup holder 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 90° swivel quick coupling for connection with the suction hose;
- An aluminium support for mounting the vacuum cup, equipped with a spherical seat and vacuum connection;
- Non-slip plastic coating.




VERSION 06 110 42

VACUUM CUP HOLDERS WITH L QUICK COUPLER FOR PLASTIC HOSE Ø 4 X 6

| Item | *C | Actual spring stroke mm | Spring thrust force N | B | D Ø | E Ø | L | For vacuum cup item | Support included item | Weight kg |
|---|---|---|---|---|---|---|---|---|---|---|
| **06 110 42** | 29 | 13 | 39.24 | 17 | 114 | 13 | 83.5 | 01 110 10 M | 00 06 59 | 0.49 |

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.

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

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- Non-slip plastic coating.




VERSION 06 127 42

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

| Item | *C | Actual spring stroke mm | Spring thrust force N | B | D Ø | E Ø | L | For vacuum cup item | Support included item | Weight kg |
|---|---|---|---|---|---|---|---|---|---|---|
| **06 127 42** | 29 | 13 | 39.24 | 26.7 | 127 | 13.5 | 93.2 | 01 127 15 | 00 06 61 | 0.76 |

Note: The vacuum cup holder's lifting force depends directly on the vacuum cup model applied to it.
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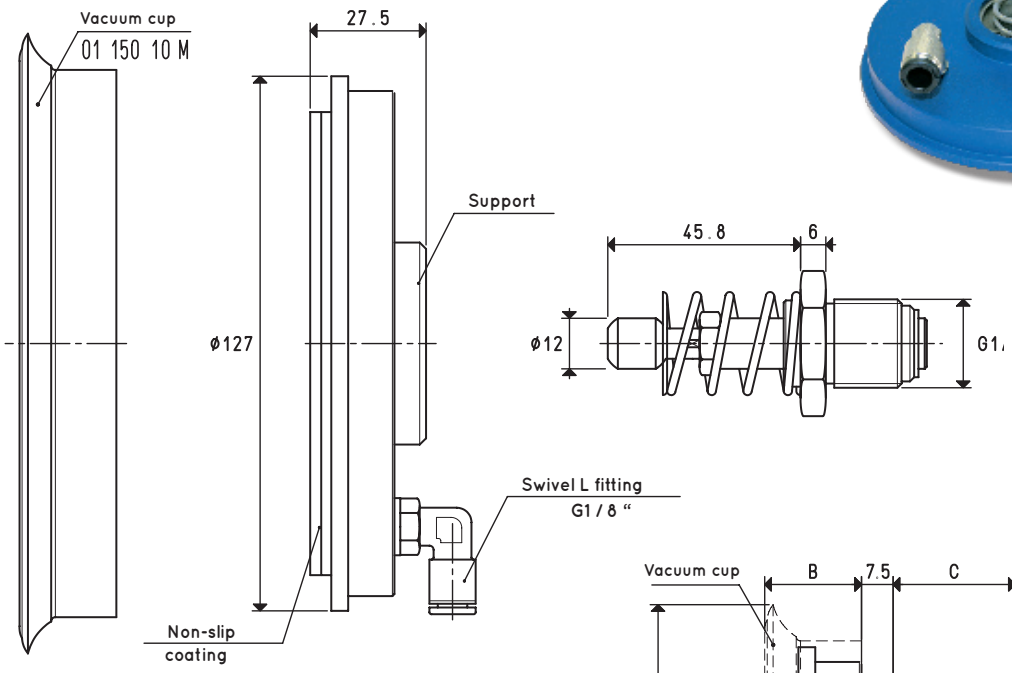


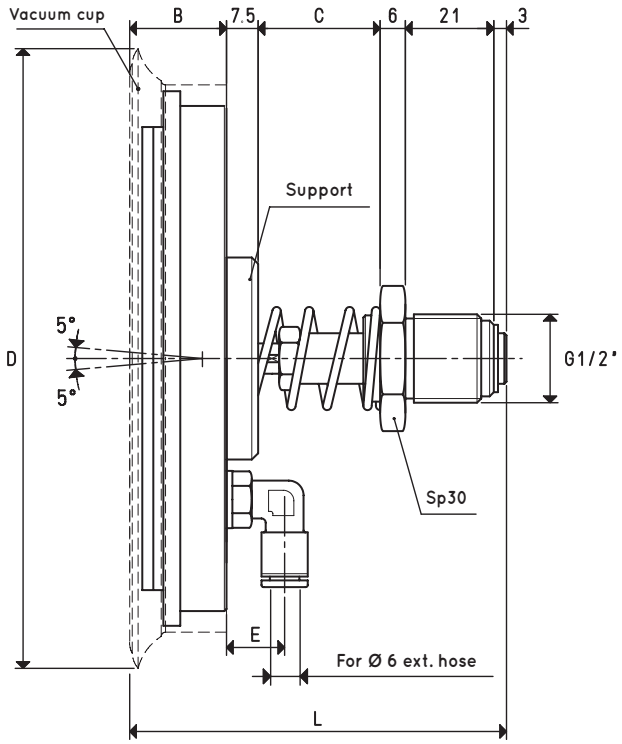


VERSION 06 150 42

VACUUM CUP HOLDERS WITH L QUICK COUPLER FOR PLASTIC HOSE Ø 4 X 6

| Item | *C | Actual spring stroke mm | Spring thrust force N | B | D Ø | E Ø | L | For vacuum cup item | Support included item | Weight kg |
|---|---|---|---|---|---|---|---|---|---|---|
| **06 150 42** | 29 | 13 | 39.24 | 23 | 154 | 13 | 89.5 | 01 150 10 M | 00 06 60 | 0.94 |

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.

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