

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



In addition to having all the other features of the mini vacuum cup holders, these also 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 threaded sleeve equipped with nuts, for mounting the vacuum up holder on 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.

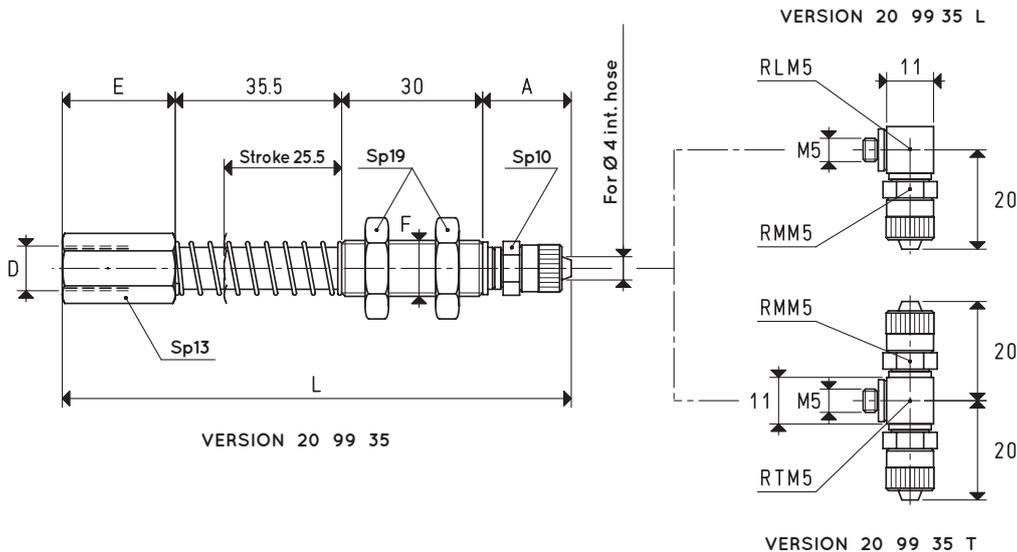


3D drawings are available on vuotecnica.net

VACUUM ON OBJECT NOT GRIPPED
VALVE CLOSED



VACUUM ON OBJECT GRIPPED
VALVE OPEN



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

Item	Minimum trigger m ³ /h	Minimum a level of vacuum mbar	Spring thrust force N	A	D Ø	E	F Ø	L	Weight g
20 99 35	1.5	-250	8.82	17.5	G1/8"	24	M12 x 1.25	107	84

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 or T fittings, add the letter L or T to the code.

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