

## SPECIAL ANTI-ROTATION VACUUM CUP HOLDERS WITH SPHERICAL SWIVEL SUPPORT

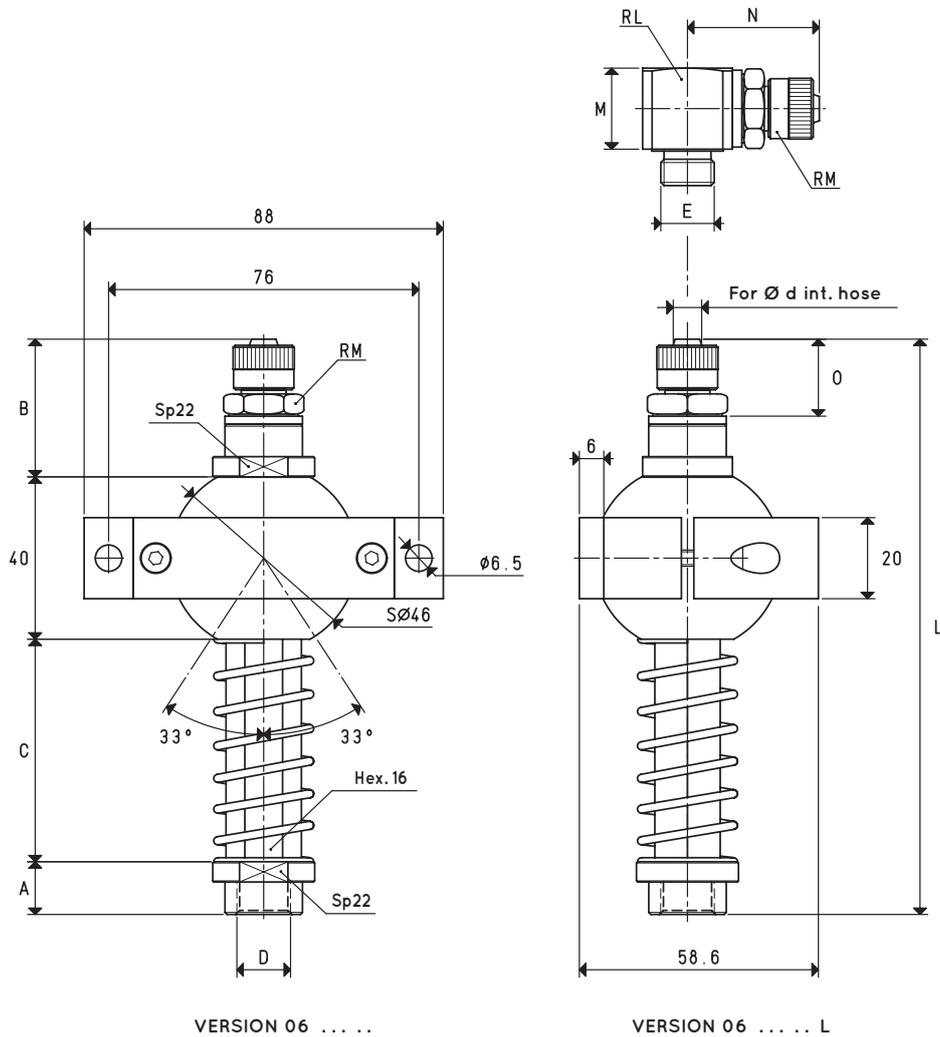
In addition the characteristics of the previously described special anti-rotation vacuum cups, these cup holders are provided with a nylon spherical swivel support which allows to place and keep the cup in the desired place.

Their fixing support is made with aluminium and is composed of two parts that, screwed together, allow to block the spherical joint, thus keeping the vacuum cup holder in place.

They are suited for cups with a diameter between 40 mm and 200 mm, although they are especially useful for the assembly of rectangular or elliptical vacuum cups.

They are composed of:

- A stainless steel stem with hexagonal cross-section;
- An adjustable nylon ball joint with an internal hexagonal cross-section;
- An aluminium support for fastening 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.



### VACUUM CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE

Item	C	Actual spring stroke mm	Spring thrust force N (1)	A	B	D Ø	d Ø	E Ø	L	M	N	O	RL	RM	Weight g
06 55 100	55	37	35.31	13	34	G1/4"	6	G1/4"	142	21.0	32.0	18.5	G1/4"	G1/4"	338
06 55 101	55	37	35.31	15	40	G3/8"	9	G3/8"	150	21.5	35.5	22.0	G3/8"	G3/8"	350
06 55 102	55	37	35.31	15	34	G3/8"	6	G1/4"	144	21.0	32.0	18.5	G1/4"	G1/4"	340
06 110 100	110	84	70.63	13	34	G1/4"	6	G1/4"	197	21.0	32.0	18.5	G1/4"	G1/4"	406
06 110 101	110	84	70.63	15	40	G3/8"	9	G3/8"	205	21.5	35.5	22.0	G3/8"	G3/8"	418
06 110 102	110	84	70.63	15	34	G3/8"	6	G1/4"	199	21.0	32.0	18.5	G1/4"	G1/4"	408

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

To order vacuum cup holders with L fittings, add the letter L to the code.

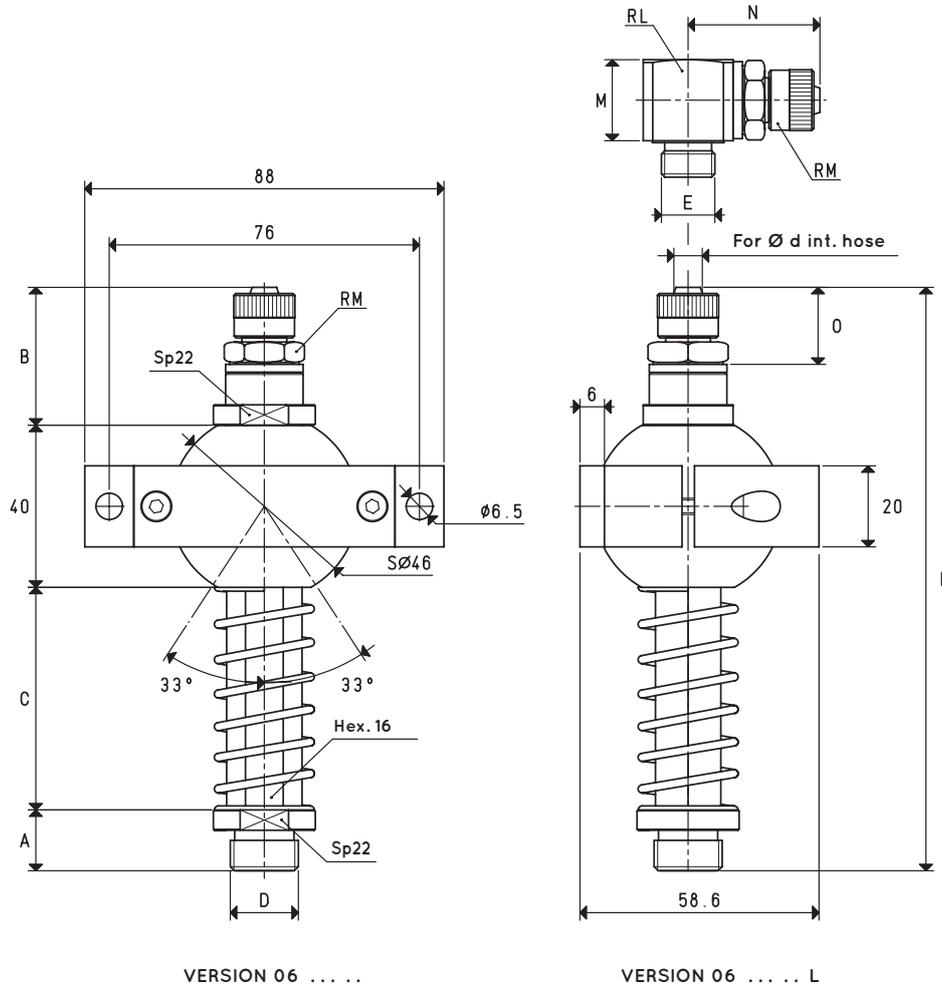
Transformation ratio: N (newton) = Kg x 9.81 (force of gravity)      inch =  $\frac{\text{mm}}{25.4}$  ; pounds =  $\frac{\text{g}}{453.6} = \frac{\text{Kg}}{0.4536}$



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3D drawings are available on [vuotecnica.net](http://vuotecnica.net)

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## VACUUM CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE

Item	A	Actual spring stroke mm	Spring thrust force N (l)	B	C	D Ø	d Ø	E Ø	L	M	N	O	RL	RM	Weight g
06 55 110	55	37	35.31	15	34	G1/4"	6	G1/4"	144	21.0	32.0	18.5	G1/4"	G1/4"	334
06 55 111	55	37	35.31	15	34	G3/8"	6	G1/4"	144	21.0	32.0	18.5	G1/4"	G1/4"	340
06 55 112	55	37	35.31	15	40	G3/8"	9	G3/8"	150	21.5	35.5	22.0	G3/8"	G3/8"	350
06 55 113	55	37	35.31	15	40	G1/2"	9	G3/8"	150	21.5	35.5	22.0	G3/8"	G3/8"	352
06 55 114	55	37	35.31	15	34	M12	6	G1/4"	144	21.0	32.0	18.5	G1/4"	G1/4"	338
06 55 115	55	37	35.31	15	40	M12	9	G3/8"	150	21.5	35.5	22.0	G3/8"	G3/8"	348
06 55 116	55	37	35.31	15	40	M16	9	G3/8"	150	21.5	35.5	22.0	G3/8"	G3/8"	350
06 110 110	110	84	70.63	15	34	G1/4"	6	G1/4"	199	21.0	32.0	18.5	G1/4"	G1/4"	394
06 110 111	110	84	70.63	15	34	G3/8"	6	G1/4"	199	21.0	32.0	18.5	G1/4"	G1/4"	400
06 110 112	110	84	70.63	15	40	G3/8"	9	G3/8"	205	21.5	35.5	22.0	G3/8"	G3/8"	410
06 110 113	110	84	70.63	15	40	G1/2"	9	G3/8"	205	21.5	35.5	22.0	G3/8"	G3/8"	412
06 110 114	110	84	70.63	15	34	M12	6	G1/4"	199	21.0	32.0	18.5	G1/4"	G1/4"	398
06 110 115	110	84	70.63	15	40	M12	9	G3/8"	205	21.5	35.5	22.0	G3/8"	G3/8"	408
06 110 116	110	84	70.63	15	40	M16	9	G3/8"	205	21.5	35.5	22.0	G3/8"	G3/8"	410

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