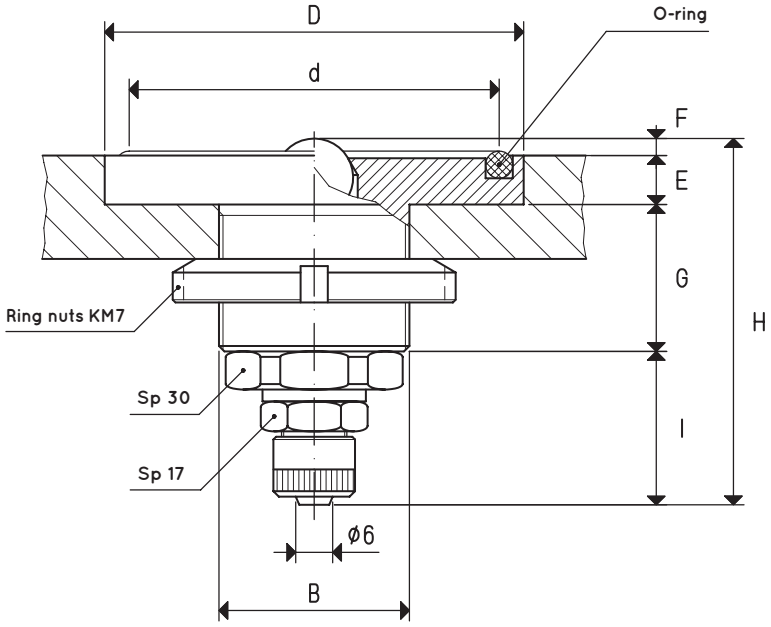
BUILT-IN VACUUM CUPS WITH BALL VALVE

The main feature of these cups is that they open, and therefore they produce a vacuum, only when the load to be handled activates the sealing ball. In this version, the gripping surface is limited by a silicon O-ring which guarantees the vacuum seal. They have been specially designed for vacuum beds and they are fully made with anodised aluminium.



BUILT-IN VACUUM CUPS WITH BALL VALVE

Item	Force Kg	Volume cm^3	B Ø	d Ø	D Ø	E	F	G	H	I	O-ring item	Weight g
05 01 10	9.80	2.1	35 x 1.5	50	59	9	3	27	66	27	00 05 14	248
05 02 10	13.60	3.0	35 x 1.5	59	68	9	3	27	66	27	00 05 15	268
05 03 10	18.10	3.9	35 x 1.5	68	77	9	3	27	66	27	00 05 16	294
05 04 10	29.70	6.3	35 x 1.5	87	96	9	3	27	66	27	00 05 19	358

Note: The force of the vacuum cups indicated in the table represents 1/3 of the value of the theoretical force calculated at a level of vacuum of -75 KPa and a factor of safety 3.

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