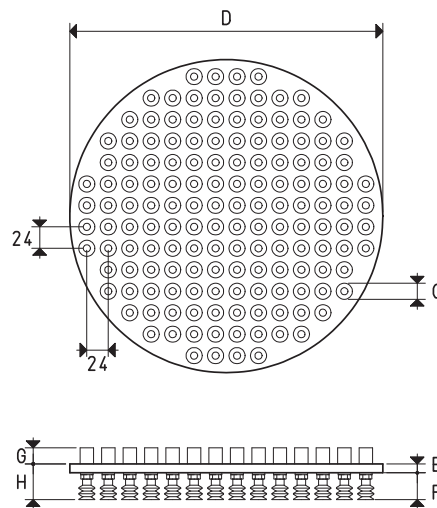
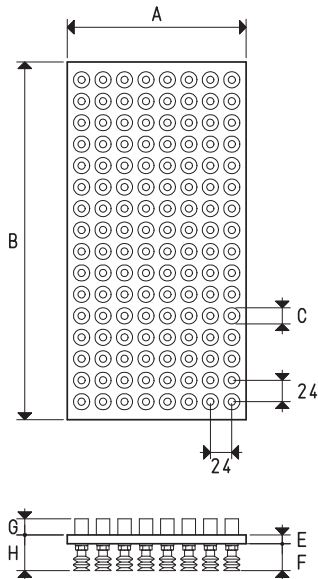


The suction plates described on this page are the same as the previously described PY and P2V, but with the addition of shut-off valves inserted in each vacuum cup support connection. In absence of an object to grip or in case of a defective grip of the cup, the shut-off valves automatically close the suction inlet, thus preventing the level of vacuum from decreasing on the other gripping vacuum cups. This feature reduces the vacuum generator flow rate compared to OCTOPUS systems with calibrated holes, to the benefit of energy savings. Also these plates can be used in any position without compromising correct operation.



Item	Force Kg	A	B	C Ø	D Ø	E	F	G	H	Vacuum cup example item	Valves and vacuum cups No.	Weight Kg
PVE 20 30	60.5	200	300	18	---	10	36	18	46	01 18 29	96	2.09
PVE 20 40	80.6	200	400	18	---	10	36	18	46	01 18 29	128	2.82
PVE 20 60	121.0	200	600	18	---	10	36	18	46	01 18 29	192	4.18
PVE 30 30	90.7	300	300	18	---	10	36	18	46	01 18 29	144	3.24
PVE 30 40	121.0	300	400	18	---	10	36	18	46	01 18 29	192	4.18
PVE 30 50	151.2	300	500	18	---	10	36	18	46	01 18 29	240	6.27
PVE 40 40	167.0	400	400	18	---	10	36	18	46	01 18 29	256	5.64
PVE 40 60	242.0	400	600	18	---	10	36	18	46	01 18 29	384	8.36
PVE 40 100	413.3	400	1000	18	---	10	36	18	46	01 18 29	656	14.45
PVE 60 80	483.9	600	800	18	---	10	36	18	46	01 18 29	768	17.06
PVE 60 120	740.8	600	1200	18	---	10	36	18	46	01 18 29	1176	25.97
PVE 80 100	852.4	800	1000	18	---	10	36	18	46	01 18 29	1353	29.56
PVE DO 35	93.2	---	---	18	350	10	36	18	46	01 18 29	148	3.29
PVE DO 50	194.0	---	---	18	500	10	36	18	46	01 18 29	308	6.45

NOTE: The code PVE... only identifies the suction plate with the relative supports for the vacuum cups screwed onto it and the built-in shut-off valves. The vacuum cups indicated in the table or those chosen freely are not included with the suction plate and therefore must be ordered separately.

Transformation ratio: N (newton) = Kg x 9.81 (force of gravity)

inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6} = \frac{\text{Kg}}{0.4536}$