

Vacuum Safety Valve CVK SERIES



How To Order

CVK - A 01G

| ① Connect Direction □ | | ② Connect Direction ○ | |
|-----------------------|----------------------------|-----------------------|------|
| A | External thread connection | 01G | G1/8 |
| B | Internal thread connection | 02G | G1/4 |
| | | 03G | G3/8 |
| | | 04G | G1/2 |

Symbol



Features

- Aluminum shell, brass bottom, with filter.
- Used for several application occasion of vacuum system and prevent the influence to system if without touch workpiece or break away from the workpiece.
- Turn off the suction cup not used, reduce vacuum leakage.
- Use the same adsorption system to move the workpiece with different size and shape, the system can be used in different occasions.

Specification

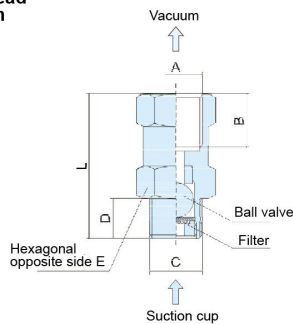
Blowing pressure when break vacuum: 0.5Mpa

| Item | Model | CVK-□ 01G | CVK-□ 02G | CVK-□ 03G | CVK-□ 04G |
|---|-------|-----------|-----------|-----------|-----------|
| Suction Flow When Vacuum Level is 30kPa (L/min) | | 2.3 | 2.9 | 7.3 | 8.1 |
| Suction Flow When Vacuum Level is 60kPa (L/min) | | 2.5 | 3.4 | 8.0 | 9.0 |
| Max. Blowing Pressure When Break Vacuum (L/min) | | 310 | 340 | 590 | 790 |

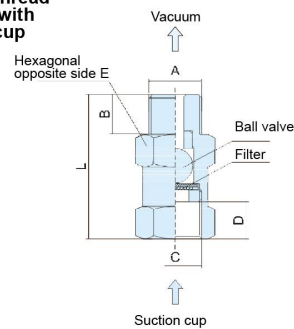
Dimension

(mm)

External thread connect with suction cup



Internal thread connect with suction cup



| Model | A | B | C | D | E | L |
|---------|------|----|------|-----|----|----|
| CVK-A01 | G1/8 | 8 | G1/8 | 8.5 | 14 | 34 |
| CVK-A02 | G1/4 | 10 | G1/4 | 11 | 17 | 36 |
| CVK-A03 | G3/8 | 10 | G3/8 | 12 | 22 | 39 |
| CVK-A04 | G1/2 | 12 | G1/2 | 14 | 27 | 41 |

| Model | A | B | C | D | E | L |
|---------|------|-----|------|----|----|----|
| CVK-B01 | G1/8 | 8.5 | G1/8 | 8 | 14 | 34 |
| CVK-B02 | G1/4 | 11 | G1/4 | 10 | 17 | 36 |
| CVK-B03 | G3/8 | 12 | G3/8 | 10 | 22 | 39 |
| CVK-B04 | G1/2 | 14 | G1/2 | 12 | 27 | 41 |