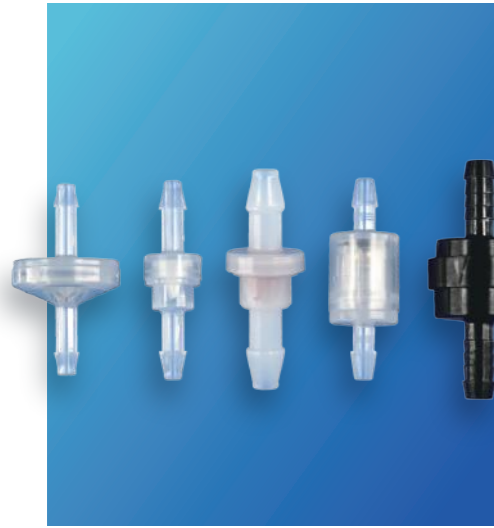


# Barbed Check Valve

软管接头



- Designed for connecting Peristaltic-type Flexible Tubing
- Control flow directions to make it inlet-only or outlet-only (Tell flow direction from the arrow on the valve)
- Once installed, the spring-actuated sealing system eliminates back flow, preventing upstream contamination or damage.

## Specification (unit: mm)

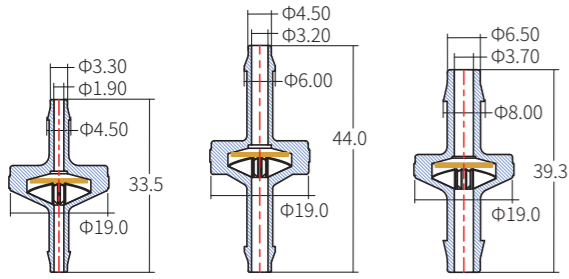
Model No.	Barbed End	Tubing ID	Valve Material	Sealing Material
RZ-CV018PAF	1/8	2.5~4.0	Nylon	Viton
RZ-CV018ABS	1/8	2.5~4.0	ABS	Silicone
RZ-CV018PPF	1/8	2.5~4.0	PP	Viton
RZ-CV018PPS	1/8	2.5~4.0	PP	Silicone
RZ-CV018PP-80mesh	1/8	2.5~4.0	PP	80 mesh diaphragm
RZ-CV018PPE	1/8	2.5~4.0	PP	EPDM
RZ-CV018PDF	1/8	2.5~4.0	PVDF	Viton
RZ-CV018PCF	1/8	2.5~4.0	PC	Viton
RZ-CV316PAF	3/16	4.0~5.5	Nylon	Viton
RZ-CV316ABS	3/16	4.0~5.5	ABS	Silicone
RZ-CV316PPF	3/16	4.0~5.5	PP	Viton
RZ-CV316PP-80mesh	3/16	4.0~5.5	PP	80 mesh diaphragm
RZ-CV316PDF	3/16	4.0~5.5	PVDF	Viton
RZ-CV316PCF	3/16	4.0~5.5	PC	Viton
RZ-CV014PAF	1/4	6.0~7.5	Nylon	Viton
RZ-CV014ABS	1/4	6.0~7.5	ABS	Silicone
RZ-CV014PPF	1/4	6.0~7.5	PP	Viton
RZ-CV014PDF	1/4	6.0~7.5	PVDF	Viton
RZ-CV014PCF	1/4	6.0~7.5	PC	Viton
RZ-CV516PAF	5/16	7.0~9.0	Nylon	Viton
RZ-CV516ABS	5/16	7.0~9.0	ABS	Silicone
RZ-CV516PPF	5/16	7.0~9.0	PP	Viton
RZ-CV516PDF	5/16	7.0~9.0	PVDF	Viton
RZ-CV516PCF	5/16	7.0~9.0	PC	Viton
RZ-CV038PAF	3/8	8.5~10.5	Nylon	Viton
RZ-CV038ABS	3/8	8.5~10.5	ABS	Silicone
RZ-CV038PPF	3/8	8.5~10.5	PP	Viton
RZ-CV038PPS	3/8	8.5~10.5	PP	Silicone
RZ-CV038PDF	3/8	8.5~10.5	PVDF	Viton
RZ-CV038PCF	3/8	8.5~10.5	PC	Viton
RZ-CV038PAF +30% Fiberglass	3/8	8.5~10.5	PA66-GF30%	Viton

### Diaphragm check valve

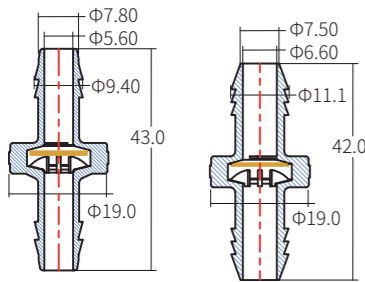


- ① Inlet
- ② Sealing
- ③ Outlet

Unlock pressure < 2Kpa Back pressure > 300Kpa



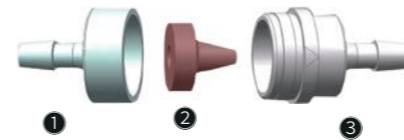
RZ-CV018 RZ-CV316 RZ-CV014



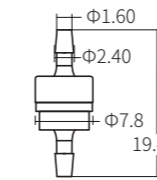
RZ-CV516 RZ-CV038

## Specification (unit: mm)

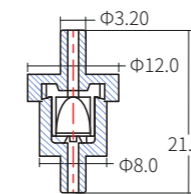
### Coned check valve



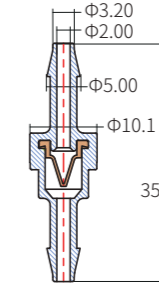
- ① Inlet
- ② Sealing
- ③ Outlet



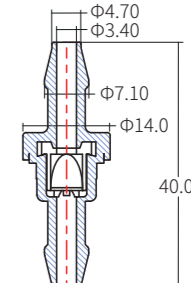
RGDXF-Y-V-016



RGDXF-Y-P-032



RZ-BV018

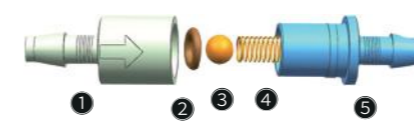


RZ-BV316

Model No.	Barbed End	Tubing ID	Valve Material	Sealing Material
RGDXF-Y-V-016	1/16	1.0~1.6	PVDF	EPDM
RGDXF-Y-P-032	1/8	1.6~2.4	PP	Viton Silicone
RZ-BV018PPF	1/8	2.5~4.0	PP	Viton
RZ-BV018PPS	1/8	2.5~4.0	PP	Silicone
RZ-BV316PPFVMQ	3/16	4.5~6.0	PP	Viton Silicone
RZ-BV316PDFVMQ	3/16	4.5~6.0	PVDF	Viton Silicone

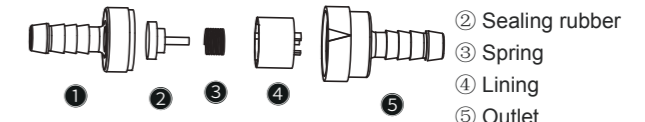
## Specification (unit: mm)

### Spring check valve



- ① Inlet
- ② O sealing ring
- ③ Steel ball
- ④ Spring
- ⑤ Outlet

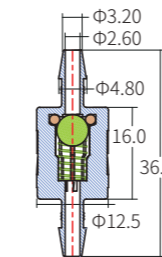
Note: Unlock pressure vary from the elasticity of spring



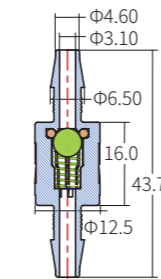
- ① Inlet
- ② Sealing rubber
- ③ Spring
- ④ Lining
- ⑤ Outlet

Unlock pressure < 5Kpa Back pressure > 300Kpa

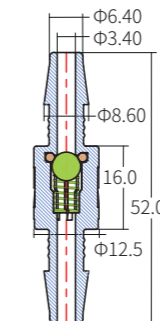
Model No.	Barbed End	Tubing ID	Valve Material	Diaphragm Material	Spring/Steel ball Material
RZ-CV018SPPOF	1/8	2.5~4.0	PP	Viton	SUS316L
RZ-CV018SPDOF	1/8	2.5~4.0	PVDF	Viton	SUS316L
RZ-CV316SPPOF	3/16	4.5~6.0	PP	Viton	SUS316L
RZ-CV316SPDOF	3/16	4.5~6.0	PVDF	Viton	SUS316L
RZ-CV014SPPOF	1/4	6.0~7.5	PP	Viton	SUS316L
RZ-CV014SPDOF	1/4	6.0~7.5	PVDF	Viton	SUS316L
RZ-CV316SPPAF	3/16	4.5~5.5	nylon	Viton	SUS316L
RZ-CV014SPPAF	1/4	6.0~7.0	nylon	Viton	SUS316L
RZ-CV516SPPAF	5/16	7.0~8.5	nylon	Viton	SUS316L



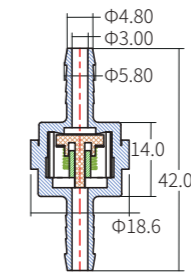
RZ-CV018SP



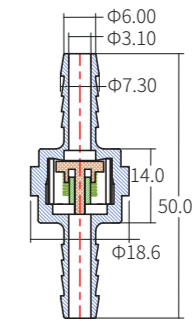
RZ-CV316SP



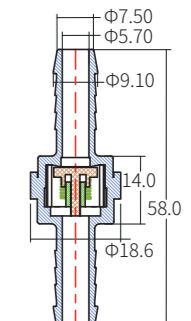
RZ-CV014SP



RZ-CV316S



RZ-CV014S



RZ-CV516S