

Check Valve Technical Specification

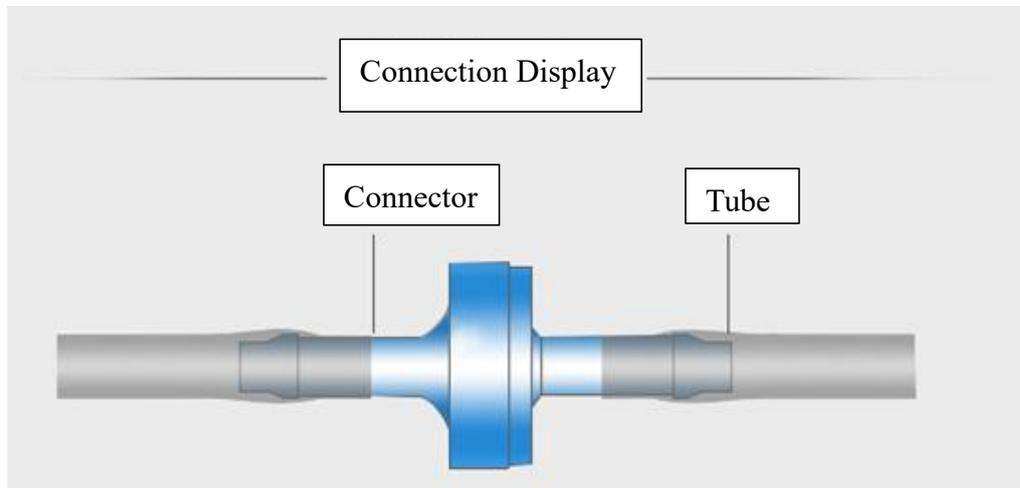
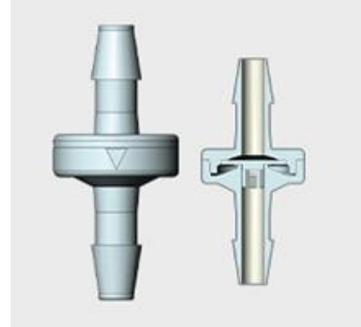
Product Introduction

Product name: check valve

Material: PP/PVDF/Aluminium Alloy with TFM

Function: Connection hose - to prevent gas or liquid backflow.

Inner diameter of connectable hose: 0.8-12.7mm



Product Specification

Diaphragm Check Valve

- Opening pressure: $<2\text{Kpa}$ Back pressure: $>300\text{Kpa}$
- Simple structure, strong joints (heated by ultrasonic vibration, joined together after melting)
- Used in fluid systems or gas systems to prevent reverse flow

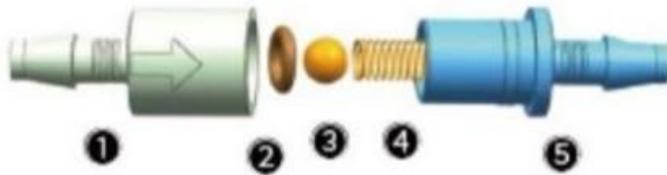


- ① Inlet port
- ② Diaphragm
- ③ Outlet port

Dimension (mm)	Model No.	D1	D2	D3	L
	DXF/G-19	3.31	4.47	19.4	33.71
	DXF/G-16	4.46	6.02	19.34	43.3
	DXF/G-15 (25)	6.19	7.54	19.2	39.13
	DXF/G-17 (24, 26)	7.54	9.28	19.16	39.85
	DXF/G-18 (35)	7.6	10.02	18.8	44.2

Spring Check Valve

- Opening pressure: <2Kpa Back pressure:> 300Kpa
- Used in fluid systems or gas systems to prevent reverse flow



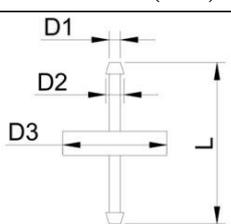
- ① Inlet port
- ② Sealing ring
- ③ Steel ball
- ④ Spring
- ⑤ Outlet port

Dimension (mm)	Model No.	D1	D2	D3	L
	DXF/T-13	1.64	2.61	14.97	23.22
	DXF/T-14	2.32	2.9	15.09	23.03
	DXF/T-19	3.3	4.47	19.66	33.66
	DXF/T-16	4.8	6.53	19.34	37.8
	DXF/T-15 (25)	5.6	7	16.47	44.4
	DXF/T-17 (24, 26)	8	9.88	18.45	40
	DXF/T-18 (35)	10	11.1	20.48	57.62
	DXF/T-36 (73)	12.52	13.5	21.97	62.93

PVDF Check Valve

Dimension (mm)	Model No.	D1	D2	D3	L
	DXF/P-19	3.28	4.47	19.2	31.1
	DXF/P-16	4.41	6	19.1	43.4
	DXF/P-25	6.02	7.54	19.2	39.37
	DXF/P-17	7.3	10.48	19.12	41.39

Aluminium Alloy with TFM:

Dimension (mm)	Model No.	D1	D2	D3	L
	DXF/J-82	12.5	15	21.7	60.25

Selection table:Diagram check valve (no spring)

Model No.	Inlet Port	Tube ID	Body Material	Diagram Material
DXF/G-19	3.3mm	2.4mm	PP	Silica gel
DXF/ P -19	3.28mm		PVDF	
DXF/G-16	4.8mm	3.1mm	PP	
DXF/ P -16	4.41mm		PVDF	
DXF/G-15(25)	5.6mm	4.8mm	PP	
DXF/ P -25	6.02mm		PVDF	
DXF/G-17(24,26)	8mm	6.4mm	PP	
DXF/P-17	7.3mm		PVDF	
DXF/G-18(35)	10mm	9.6mm	PP	

Selection table:Spring check valve

Model No.	Inlet Port	Tubing Size	Body Material	Sealing Ring Material	Spring Steel Ball Material
DXF/T-13	1.64	0.8-2.4mm	PP	Rubber	316
DXF/T-14	2.32	0.8-2.4mm	PP		
DXF/T-19	3.3mm	2.4mm	PP		
DXF/P-19	3.28mm		PVDF		
DXF/T-16	4.8mm	3.1mm	PP		
DXF/P-16	4.41mm		PVDF		
DXF/T-15(25)	5.6mm	4.8mm	PP		
DXF/P-25	6.02mm		PVDF		
DXF/T-17(24,26)	8mm	6.4mm	PP		
DXF/P-17	7.3mm		PVDF		
DXF/T-18(35)	10mm	7.9mm	PP		
DXF/T-36(73)	12.52mm	9.6mm	PP		