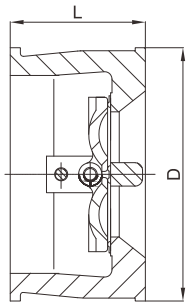
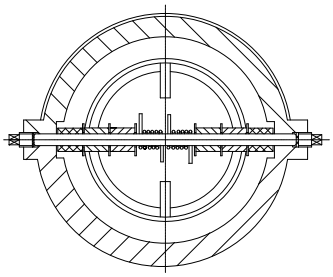
Wafer double door check valve (Split-clapper)





- Certificate: UL Listed / FM Approved
- Standard: UL 312
- Connection: Flanged as B16.42 Class 150, etc.
- Installation: Vertical, horizontal
- Temperature: 0°C to 80°C
- W. pressure: 300 psi
- Surface: FBE coating as AWWA C550





Main parts and material

Body	Ductile iron as ASTM A536, 65-45-12	**Disc**	Double door: AISI304 / AISI316 with EPDM
Stem	AISI420 / AISI304 / AISI316	**Spring**	AISI304

Available size (Source 1 with UL/FM)

Size			Dimension (mm)		Double door	Working pressure (psi)	Ref. No.
Inch	DN	mm	L	D			
2"	50	60.3	54	106	Split-clapper	300	V5401 (UL/FM)
2-1/2"	65	73.0	60	127	Split-clapper	300	V5402 (UL/FM)
3"	80	88.9	57	134	Split-clapper	300	V5403 (UL/FM)
4"	100	114.3	67	162	Split-clapper	300	V5404 (UL/FM)
5"	125	141.3	83	194	Split-clapper	300	V5405 (UL/FM)
6"	150	168.3	95	218	Split-clapper	300	V5406 (UL/FM)
8"	200	219.1	127	277	Split-clapper	300	V5407 (UL/FM)
10"	250	273.0	140	336	Split-clapper	300	V5408 (UL/FM)
12"	300	323.8	181	406	Split-clapper	300	V5409 (UL/FM)
14"	350	355.6	184	447	Split-clapper	300	V5410 (UL/FM)
16"	400	406.4	191	505	Split-clapper	300	V5411 (UL/FM)

Note: The flanged end connection is available with ASME B16.42 Class 150, ASME B16.1 Class 125, or ASME B16.5 Class 150.

Wafer double door check valve (Split-clapper)

Available size (Source 2 with UL)

Size			Dimension (mm)		Double door	Working pressure (psi)	Ref. No.
Inch	DN	mm	L	D			
4"	100	114.3	93	172	Split-clapper	300	V5421 (UL)
6"	150	168.3	105	220	Split-clapper	300	V5422 (UL)
8"	200	219.1	121	280	Split-clapper	300	V5423 (UL)
10"	250	273.0	154	340	Split-clapper	300	V5424 (UL)
12"	300	323.8	187	410	Split-clapper	300	V5425 (UL)