

CHECK VALVES · WAFER PATTERN

CVWDS Stainless Steel Dual Disc Wafer Check Valve

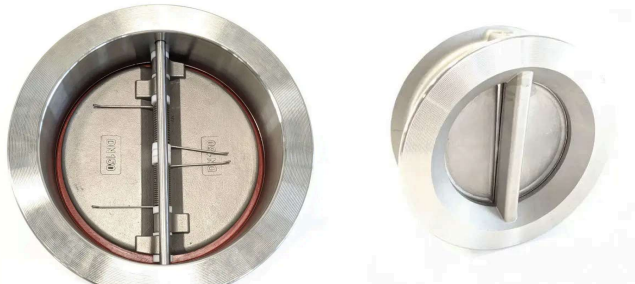
Spring assisted dual disc wafer check valve in full 316 stainless steel — body, discs, stem and spring — with an NBR seat. DN50 to DN600, PN16.

FULL 316 STAINLESS

DN50 – DN600

PN16 / 1600 KPA

DUAL SS316 DISC



FEATURES	APPLICATIONS
- PN16 pressure rated - Full 316 stainless steel body — no coating to damage or maintain - Dual 316 stainless steel disc - NBR liner / seat as standard configuration - Spring assisted closing - For use where AS 4087 PN16, AS 2129 Table D, Table E and ANSI 150 flange patterns are required	- Mine site dewatering - Raw water - Wastewater treatment - Salt water and desalination - Irrigation - Abrasive slurries - Corrosive chemicals - Fire protection - Mining and industrial applications

TECHNICAL SPECIFICATIONS	
Flange compatibility	ANSI 150, AS 4087 PN16, AS 2129 Table D and Table E
Face to face	API 609
Test and inspection	API 598
Working pressure	1600 kPa
Temperature max	90 °C
Applications	Water

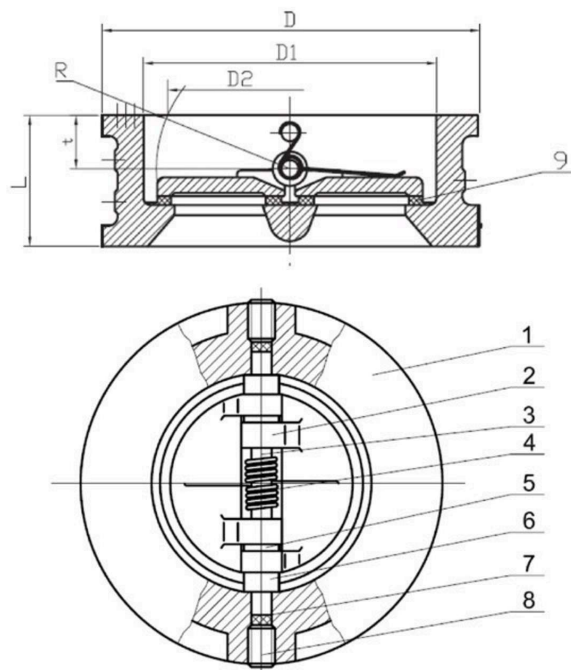
Other configurations can be manufactured upon request.

DIMENSIONS

Code	DN (mm)	L (mm)	D (mm)	D1 (mm)	D2 (mm)	Weight (kg)
CVWDS050	50	43	98	65	46	1.3
CVWDS065	65	46	110	80	60	2.1
CVWDS080	80	64	128	94	70	2.9
CVWDS100	100	64	156	117	88	4.3
CVWDS125	125	70	187	145	115	6.4
CVWDS150	150	76	213	171	134	9.1
CVWDS200	200	89	267	224	182	15.2
CVWDS250	250	114	328	265	220	26.5
CVWDS300	300	114	375	310	260	37
CVWDS350	350	127	444	360	298	55
CVWDS400	400	140	495	410	350	80
CVWDS450	450	152	558	450	385	101
CVWDS500	500	152	615	505	438	114
CVWDS600	600	178	727	624	538	172

All dimensions in millimetres. L face-to-face, D body OD, D1 seat OD, D2 disc OD.

CONSTRUCTION DETAIL



No	Item	Material
1	Body	SS316
2	Disc	SS316
3	Stem	SS316
4	Spring	SS316
5	Washer	PTFE
6	Washer	PTFE
7	O-ring	NBR
8	Hex nut	SS316
9	Seat	NBR

Sectional and face views — item numbers as tabled alongside.

Designs, materials and specifications shown are subject to change without notice due to our continuing program of product development. Confirm critical dimensions with Global Water Group prior to fabrication.