

CHECK VALVES · WAFER PATTERN

CVWD Dual Disc Wafer Check Valve

Spring assisted dual disc wafer check valve with a fusion bonded epoxy coated ductile iron body, twin 316 stainless steel discs and an NBR seat. DN50 to DN600, PN16.

DUCTILE IRON · FBE

DN50 – DN600

PN16 / 1600 KPA

DUAL SS316 DISC



FEATURES

- PN16 pressure rated
- Ductile iron body with fusion bonded epoxy coating
- 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

APPLICATIONS

- Mine site dewatering
- Raw water
- Wastewater treatment
- Salt water applications
- 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

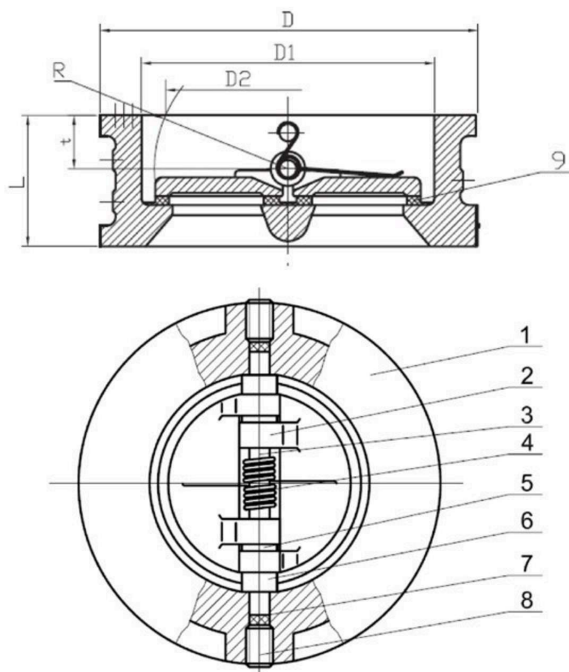
Other configurations can be manufactured upon request.

DIMENSIONS

Code	DN (mm)	L (mm)	D (mm)	D1 (mm)	D2 (mm)	Weight (kg)
CVWDN050	50	43	98	65	46	1.3
CVWDN065	65	46	110	80	60	2.1
CVWDN080	80	64	128	94	70	2.9
CVWDN100	100	64	156	117	88	4.3
CVWDN125	125	70	187	145	115	6.4
CVWDN150	150	76	213	171	134	9.1
CVWDN200	200	89	267	224	182	15.2
CVWDN250	250	114	328	265	220	26.5
CVWDN300	300	114	375	310	260	37
CVWDN350	350	127	444	360	298	55
CVWDN400	400	140	495	410	350	80
CVWDN450	450	152	558	450	385	101
CVWDN500	500	152	615	505	438	114
CVWDN600	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	FBE coated cast iron
2	Disc	SS316
3	Stem	SS316
4	Spring	SS304
5	Washer	PTFE
6	Washer	PTFE
7	O-ring	EPDM
8	Hex nut	SS304
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.