CHECK VALVES · WAFER PATTERN

CVWSPS Stainless Steel Wafer Swing Check Valve

316 stainless steel wafer swing check valve to suit a wide range of flange standards including ANSI 150 and DIN PN10/PN16. Body, disc and stem in 316 stainless steel with an NBR seat. Pressure range to 16 bar and media temperatures from -20°C to 180°C.

316 STAINLESS | WAFER BODY | ANSI 150 · PN10/16 | DIN 3202-K3



FEATURES

- Spring assisted single disc swing action for fast, quiet closure
- Full 316 stainless steel body, disc and stem
- NBR seat as standard — other seat materials available upon request
- Media temperatures from -20°C to 180°C
- Suits ANSI 150 and DIN PN10/PN16 flanges; face to face DIN 3202-K3
- Pressure tested to API 598

APPLICATIONS

- Water treatment
- Gas industry applications
- Back flow prevention on liquid and gas lines
- Corrosive and hygienic duties
- Pump discharge protection
- Fire protection
- Mining and industrial applications

TECHNICAL SPECIFICATIONS

Face to face	DIN 3202-K3
Pressure rating	PN16 / 16 bar
Flange drilling	ANSI 150, DIN PN10 / PN16
Body, disc, stem	316 stainless steel
Seat	NBR (other materials on request)
Temperature range	-20°C to 180°C
Pressure testing	API 598 — shell 2.4 MPa, seal 1.76 MPa
Installation	Horizontal plane only

Valve must be mounted in a horizontal plane. Size range, dimensions, weights and seat material are confirmed on order. Other configurations can be manufactured upon request.

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LOCATION
36 Hub Crescent, Heathwood QLD 4110 (Head Office)

PART NUMBERS & DIMENSIONS (MM) — DIN 3202-K3

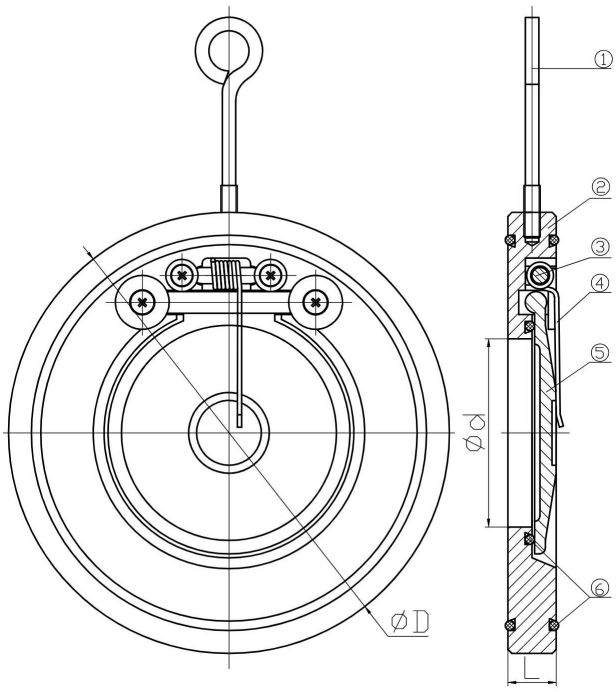
Part no.	Size	L	Ø d	Ø D PN16
CVWSPS050	DN50	14	32	107
CVWSPS065	DN65	14	40	127
CVWSPS080	DN80	14	54	142
CVWSPS100	DN100	18	70	162
CVWSPS125	DN125	18	92	192
CVWSPS150	DN150	20	112	218
CVWSPS200	DN200	22	154	272
CVWSPS250	DN250	26	200	328
CVWSPS300	DN300	32	240	378
CVWSPS350	DN350	38	270	447
CVWSPS400	DN400	44	310	495
CVWSPS450	DN450	44	360	557
CVWSPS500	DN500	56	405	619
CVWSPS600	DN600	62	585	734

PARTS LIST

No.	Part name	Material
1	Hook	316 stainless steel
2	Body	316 stainless steel
3	Screw	316 stainless steel
4	Spring	316 stainless steel
5	Disc	316 stainless steel
6	O-ring seat	NBR

Item numbers refer to the sectional view below. All wetted metal parts in 316 stainless steel; NBR seat as standard with EPDM, PTFE and Viton available on request.

CONSTRUCTION DETAIL



Inlet face view (left) and section through the body (right) showing the spring loaded single disc on its top hinge. Reference dimensions Ø D body OD, Ø d seat bore, L face to face.

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.

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