

V200

LIFT TYPE

CHECK VALVE



Product Description

TVN V200 Lift Type Check Valves are particularly suitable for high-pressure service where the velocity of flow is high. The disk is perfectly set on the seat with full contact. They are suitable for installation in horizontal or vertical pipelines with upward flow.



Technical Data	
Size range	DN15 - DN400
Pressure range	PN 16
Temperature	-10°C to +200 °C
Design	EN 12334 / EN 16767
Face to face	EN 558 Series 1 / DIN3202 F1
Flange drilling	EN 1092 - 2 ISO 7005 - 2
Coating	Electrostatic Powder Epoxy
Testing	EN 12266-1
Marking	EN 19

Application Range

- Boiling water systems
- Steam boilers and steam systems
- Pressurized air systems
- Chemical fluids (Acidic and nonalkaline fluids)
- Ammonia and oil transfer

Related Products

- V851 Globe Valve
- V851 Y-Strainer
- V207 Disc-o Check Valve
- V601 Axial Expansion Joint



HVAC



POTABLE WATER



POTABLE WATER

V200

LIFT TYPE

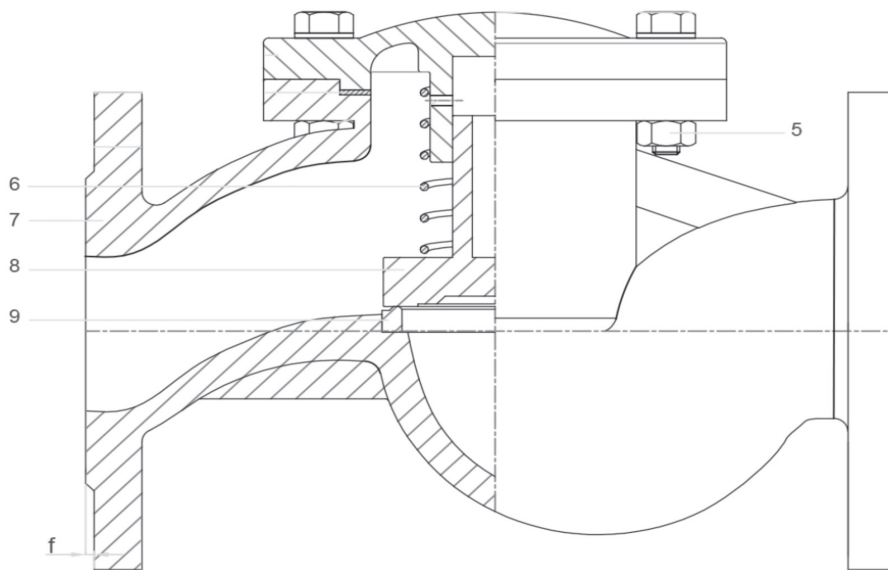
CHECK VALVE



Product Features

- The valve is opened via fluid force when it is at closed position and it is closed via expander force when system pressure decreases.
- Valve can be used in horizontal and vertical position due to the sealing is achieved by the spring.
- Designed with focus on easy access to maintenance.
- By unscrewing a few bolts the bonnet assembly including hinge and disc can be removed from the body, and maintenance can be performed.
- The body coated with wet epoxy paint as standard. It can be coated with fusion-bonded epoxy if required.
- The disk, valve stem, and the hand wheel are the moving parts in the valve body.
- The body is available in three different designs depending on the application as well as three different types of disks.
- Hydrostatic test pressure for seat: PN x 1.1 , for shell: PN x 1.5 according to EN 12266-1.

Material List



No	Part	Material
1	Bolt	8.8 Galvanized Steel
2	Cover	GG25 Cast Iron / GGG40 Ductile Iron
3	Sealing	Graphite
4	Nut	8.8 Galvanized Steel
5	Spring	AISI 304 Stainless Steel
6	Body	GG25 Cast Iron / GGG40 Ductile Iron
7	Disc	AISI 304 Stainless Steel
8	Seat	AISI 304 Stainless Steel

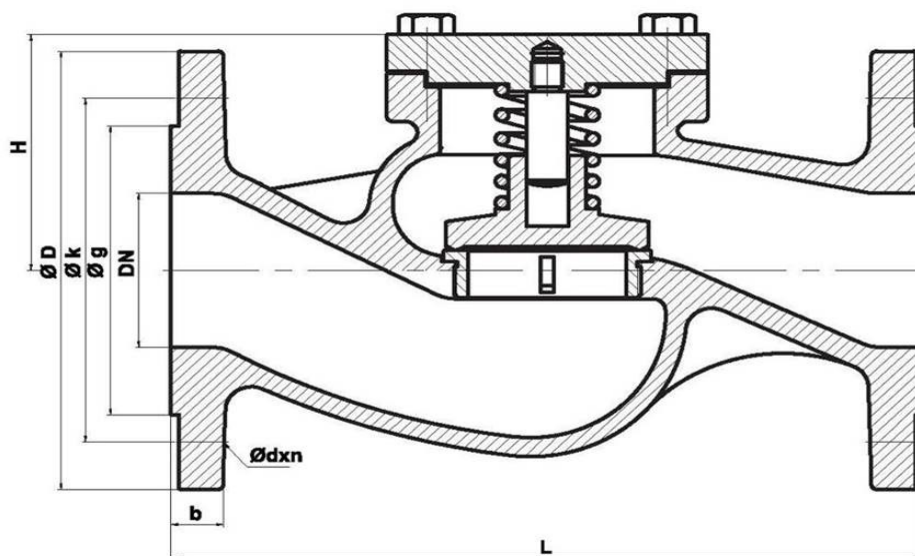
V200

LIFT TYPE

CHECK VALVE



Dimensions Table



DN	ØD	Øk	Øg	L	b	H	STROK	Ødxn	KG
15	95	65	45	130	14	64	7	14x4	3.5
20	105	75	58	150	16	64	7	14x4	4
25	115	85	68	160	16	67	9	14x4	5
32	140	100	78	180	18	72	10	18x4	8
40	150	110	88	200	18	84	12	18x4	9
50	165	125	102	230	20	89	18	18x4	13
65	185	145	122	290	20	100	20	18x4	18.5
80	200	160	138	310	22	106	22	18x8	20
100	220	180	158	350	24	134	27	18x8	32
125	250	210	188	400	26	151	32	18x8	47
150	285	240	212	480	26	196	42	22x8	72
200	340	295	268	600	30	246	52	22x12	110
250	405	355	320	730	32	242	65	26x12	140
300	460	410	370	850	32	282	78	26x12	230
350	520	470	430	980	36	380	100	26x16	430
400	580	525	482	1100	38	420	115	29,5x16	482