



Check Valves

- **LSPCV** –
Single Plate Check Valve
- **LDPV** –
Dual Plate Check Valve
- **LDCV** –
Disc Check Valve

LSPCV

Single Plate Check Valve

- **Size Range:** DN 50 – DN 200
- **Pressure Rating:** PN 16
- **Op. Temperature:** -25°C to 175°C
- **Hyd. Shell Test:** 24 bar (350 psi)
- **Hyd. Seat Test:** 18 bar (275 psi)
- **Max. Working Pressure:** 16 bar (250 psi)

Main Features :

- Type of Non Return Valve (NRV) & hence permits flow in one direction only.
- Very little space is required in piping system due to Wafer Type Design.
- Compact & Light weight compared to Flanged End Swing Check Valve.
- Can be installed Horizontally as well as Vertically.
- Very Low Pressure Drop across the Valve.
- Extremely Low Cracking Pressure.
- Replaceable Seal provides Bubble Tight Shut off with zero leakage.
- Very Easy to handle & maintain.
- O-Rings provided on Body for better face sealing when installed between two Flanges.



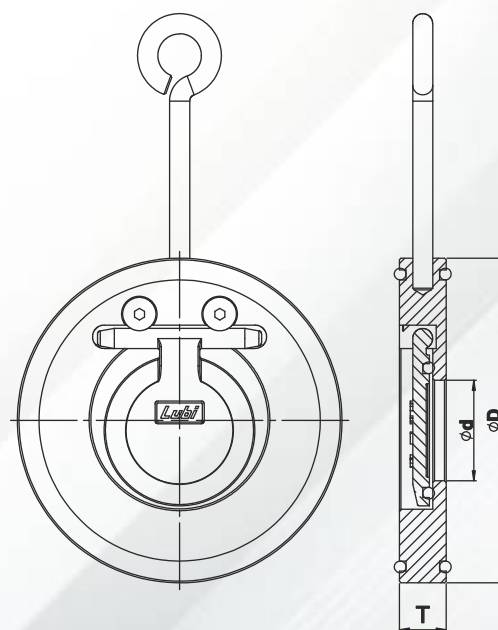
Body	DI / WCB / CF8 / CF8M
Disc	DI / WCB / CF8 / CF8M
Seal	EPDM / NBR

SIZE / DIMENSIONS

Model	Size (mm)	Size (Inches)	ØD	Ød	T
LDC20	50	2	97	30	14
LDC25	65	2-1/2	110	40	14
LDC30	80	3	129	52	14
LDC40	100	4	160	70	18
LDC50	125	5	192	92	18
LDC60	150	6	218	114	20
LDC80	200	8	273	154	22

Note: All Dimensions are in mm unless mentioned otherwise.

* This dimension shall have a tolerance of ± 1.5 mm.



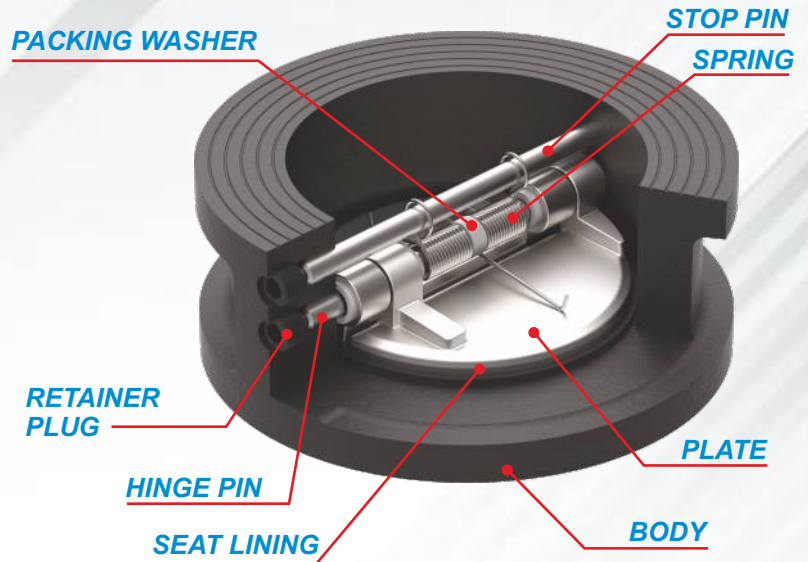
LDPCV

Dual Plate Check Valve

- **Size Range:** DN 50 – DN 300
- **Pressure Rating:** PN 16
- **Op. Temperature:** -18°C to 80°C
- **Hyd. Shell Test:** 24 bar (350 psi)
- **Hyd. Seat Test:** 18 bar (275 psi)
- **Max. Working Pressure:** 16 bar (250 psi)

Main Features :

- Designed as per API 594 & Tested as per API 598.
- Type of Non Return Valve (NRV) & hence permits flow in one direction only.
- Very little space is required in piping system due to Wafer Type Design.
- Compact & Light weight compared to Flanged End Swing Check Valve.
- Stronger & Sturdier compared to Single Plate Check Valve.
- Due to Spring Assisted Closure it can be installed Horizontally as well as Vertically as well as for upside down flow.
- Very Low Pressure Drop across the Valve.
- Rubber Seal Lining provides Bubble Tight Shut off with zero leakage & long lasting life.
- Very Easy to handle & maintain.



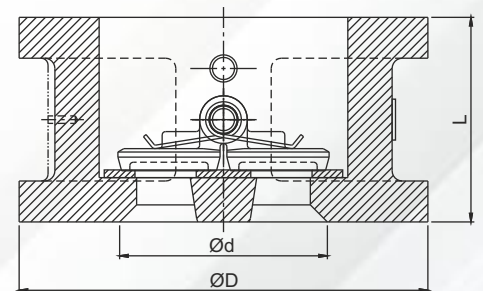
Body	CI / DI
Disc	WCB / CF8 / CF8M
Seal	EPDM / NBR / Silicon / Viton

SIZE / DIMENSIONS

Model	Size (mm)	Size (Inches)	L*	ØD	Ød
LDC20	50	2	54	102	50
LDC25	65	2-1/2	60	119	65
LDC30	80	3	67	134	80
LDC40	100	4	67	172	100
LDC50	125	5	83	193	118
LDC60	150	6	95	220	150
LDC80	200	8	127	275	200
LDC100	250	10	140	335	250
LDC120	300	12	181	405	300

Note: All Dimensions are in mm unless mentioned otherwise.

* This dimension shall have a tolerance of ± 1.5 mm.



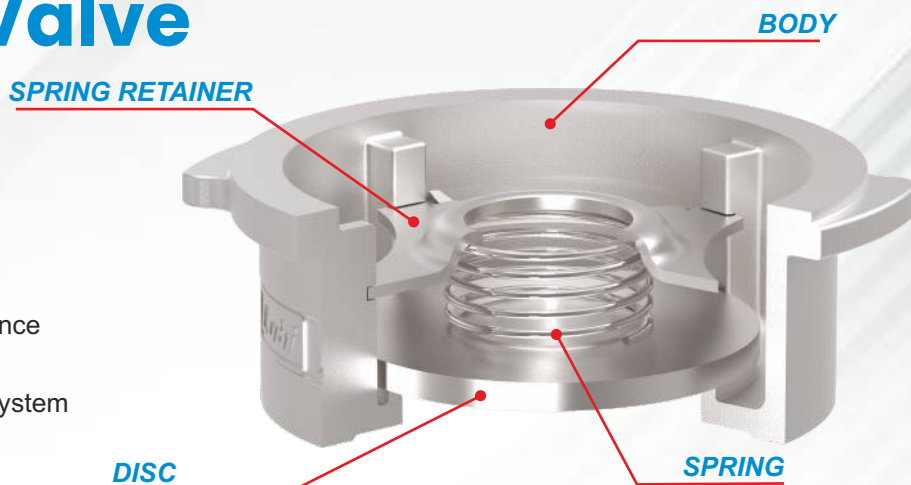
LDCV

Disc Check Valve

- **Size Range:** DN 50 – DN 150
- **Pressure Rating:** PN 25 / PN40
- **Op. Temperature:** -200°C to 275°C

Main Features :

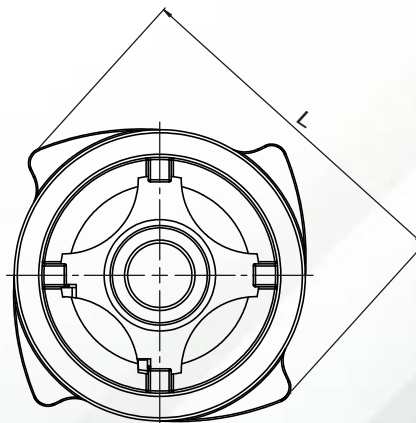
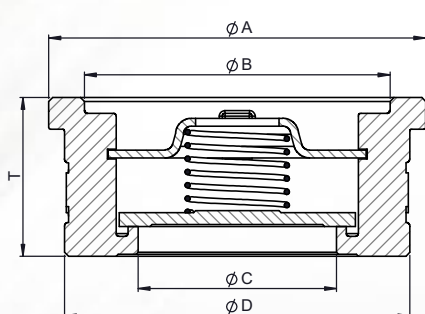
- Designed as per BS 7438
- Type of Non Return Valve (NRV) & hence permits flow in one direction only.
- Very little space is required in piping system due to Wafer Type Design.
- Can be easily installed between wide variety of Flange Type selection.
- Compact & Light weight compared to Flanged End Swing Check Valve.
- Stronger & Sturdier compared to Single Plate Check Valve.
- Due to Spring Assisted Closure it can be installed Horizontally as well as Vertically as well as for upside down flow.
- Very Low Pressure Drop across the Valve.
- Design is of Self – centering type.
- Very Easy to handle & maintain.



Body	CF8 / CF8M
Disc	CF8 / CF8M
Spring	SS 304 / SS 316
Spring Retainer	SS 304 / SS 316

SIZE / DIMENSIONS

Model	Size (mm)	Size (Inches)	ØA	ØB	ØC	ØD	T	L
LDC20	50	2	95	77	50	87	40	115
LDC25	65	2-1/2	115	97	65	107	46	142
LDC30	80	3	133	111	79	122	50	154
LDC40	100	4	155	129.5	100	142	60	184



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Product Improvement is a continuous process at 'LUBI'. The data given in this publication is therefore subject to revision.

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