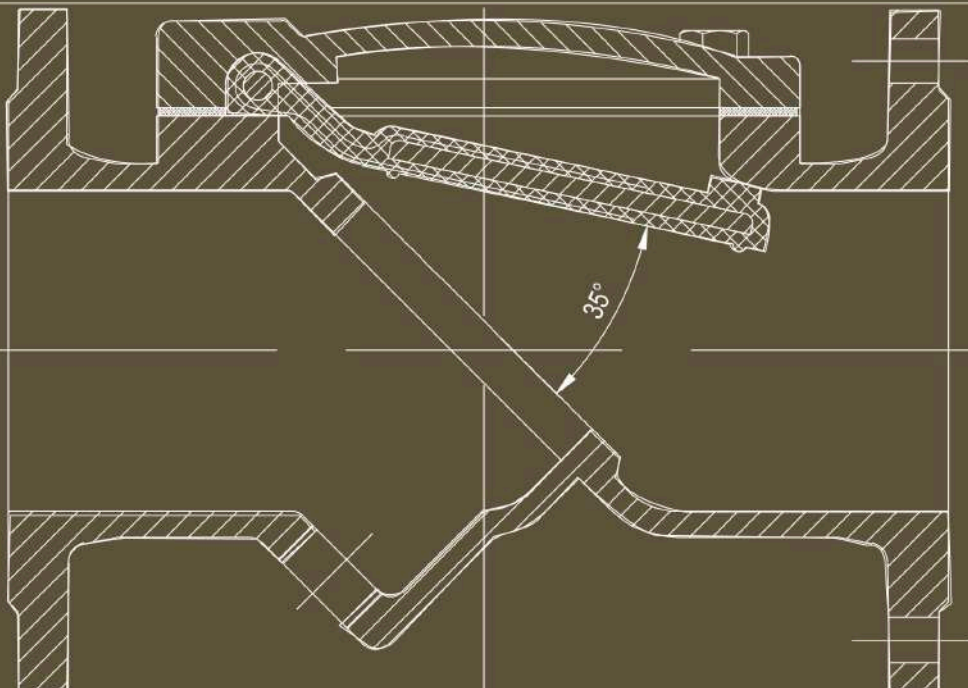


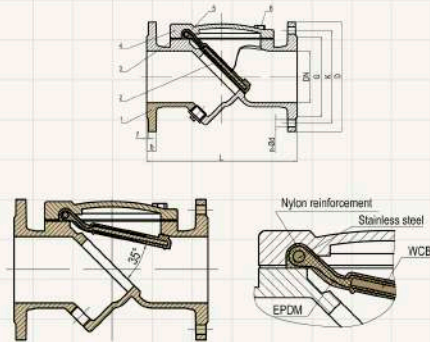
CHECK VALVES



CHECK VALVES

RUBBER FLAP TYPE CHECK VALVE

- LYE Ductile Iron Rubber Flap Type Check Valve (Non-Slam Type) is designed and manufactured conforming to BS EN 12334.
- The valve is of streamline design with only one moving part, the flexible disc, and body seat at a 45 degree angle to minimize disc travel.
- The disc is of one-piece construction, precision molded with an integral o-ring type sealing surface, and contain alloy steel and nylon reinforcement in the flexible hinge area. The flex portion of the disc shall be warranted for 25 years against tear-off.
- Non-Slam closing characteristics is provided through a short 35 degree disc stroke.
- Full size top access port with domed shape cover, allowing for removal of disc without removing the valve from the line.
- A threaded port with plug is provided in the bottom of the valve to allow for field installation of backflow actuator without removing the valve from the line.
- Fusion Bonded Epoxy coating is standard.



RUBBER FLAP TYPE CHECK VALVE
BS EN 12334 PN16 | Non-Slam Type

Main Parameter Specification	
1	Design and manufacture: BN EN 12334
2	Pressure test: BS EN 12266
3	Flange dimension: BS EN 1092-2
4	Face to Face dimension: BS EN 558-1

Material for Main Parts			
No.	Component	Material	Grade
1	Body	Ductile Iron	EN-GJS-500-7
2	Flapper	Rubber + Alloy Steel	EPDM + WCB
3	Gasket	Rubber	EPDM
4	Bonnet	Ductile Iron	EN-GJS-500-7
5	Pin	Stainless Steel	SS316
6	Bolt	Stainless Steel	SS304

Specification	
Nominal Pressure PN	16 Bar
Body Shell Testing Pressure PS	24 Bar
Seal Test Pressure PM	17.6 Bar
Working Pressure P	16 Bar
Working Temperature T	≤ 80°C
Suitable Medium	Water
Operating Test	From Fully Open to Fully Close Three Times

DN	L	D	K	G	b	f	n - Ød
50	203	165	125	99	19	3	4 - Ø19
65	216	185	145	118	19	3	4 - Ø19
80	241	200	160	132	19	3	8 - Ø19
100	292	220	180	156	19	3	8 - Ø19
125	330	250	210	184	19	3	8 - Ø19
150	356	285	240	211	19	3	8 - Ø23
200	495	340	295	266	20	3	12 - Ø28
250	655	405	355	319	22	3	12 - Ø26
300	698	480	410	370	24.5	4	12 - Ø28
350	787	520	470	429	28.5	4	16 - Ø28
400	914	580	525	480	28	4	16 - Ø31
450	965	640	585	548	30	4	20 - Ø31
500	978	715	650	609	31.5	4	20 - Ø34
600	1295	840	770	720	36	5	20 - Ø37
700	1448	910	840	794	39.5	5	24 - Ø37
800	1956	1025	950	901	43	5	24 - Ø39

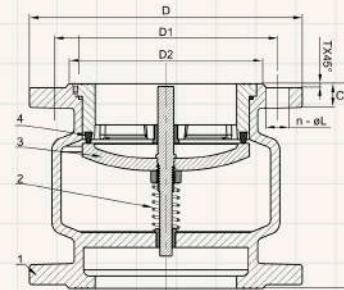
Please Note: Technical data provided is indicative only and may be subject to change without notice



LYE MANUFACTURING SDN. BHD. 02836-10
Manufacturer of Valves, Hydrants, Joints, Fittings & Manhole Covers.

CHECK VALVES

GLOBE SILENT CHECK VALVE



For liquid where protection from flow reversal in a pipeline is required.

- LYE Silent Check Valve is the valve of choice in applications where silent operation is of major concern. Its short linear stroke and spring return action automatically closes the disc at zero flow, which prevents flow reversal and water hammer.
- Guided spring loaded disc with drop tight closure.
- Designed for a minimum open area equal to 110% of the pipe size.
- Fusion bonded epoxy coating is standard.
- Can be used in both horizontal and vertical positions.

GLOBE SILENT CHECK VALVE

No.	Component	Material
1	Body	Ductile Iron
2	Spring	Stainless Steel
3	Disc	Ductile Iron
4	Seat	EPDM

PN16

DN	Dimensions (mm)						
	L	D	D1	D2	C	T	n - ØL
50	120	165	125	99	19	3	4 - Ø19
65	135	185	145	118	19	3	4 - Ø19
80	155	200	160	132	19	3	8 - Ø19
100	165	220	180	156	19	3	8 - Ø19
150	210	285	240	211	19	3	8 - Ø23
200	260	340	295	266	20	3	12 - Ø23
250	285	405	355	319	22	3	12 - Ø28
300	315	460	410	370	24.5	4	12 - Ø28

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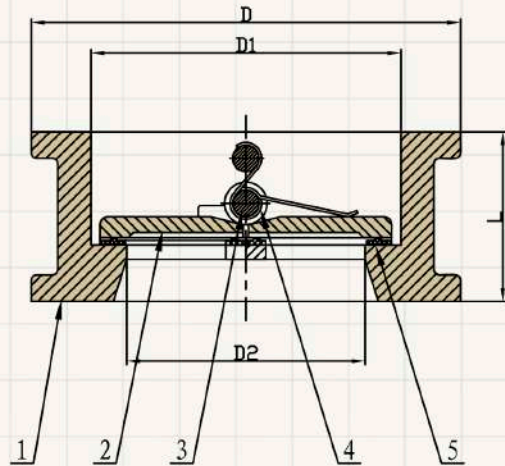


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CHECK VALVES

DOUBLE DOOR WAFER CHECK VALVE



- Connection Ends: BS EN 1092 PN16, JIS B2212 10K, BS 10 TABLE E
- Working Pressure: PN16
- Temperature Range: 0°C - 80°C
- Coating: Fusion Bonded Epoxy Coating in accordance with ANSI/AWWA C550

MATERIAL SPECIFICATION

No.	Component	Material
1	Valve Body	Ductile Iron 500-7
2	Disc	SS304
3	Stem	SS420
4	Spring	SS304
5	Rubber Seat	EPDM

PN16

DN		Dimensions (mm)			
Inch	mm	L	D	D1	D2
2"	50	54	107	64	46
2.5"	65	54	127	78	60
3"	80	57	142	94	70
4"	100	64	162	117	84
5"	125	70	192	145	115
6"	150	76	218	170	134
8"	200	95	273	224	184
10"	250	108	328	265	220
12"	300	143	378	310	260
14"	350	184	438	360	302
16"	400	191	489	410	350

Please Note: Technical data provided is indicative only and may be subject to change without notice



LYE MANUFACTURING SDN. BHD. (32836-H)
Manufacturer of Valves, Hydrants, Joints, Fittings & Manhole Covers.

