



LYE DUCTILE IRON

RUBBER FLAP TYPE CHECK VALVE

(Non-Slam Type)

BS EN 12334 PN16



- **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 on 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.

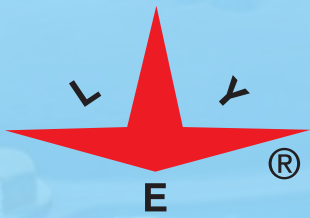


The Brand Of Reliability

LYE MANUFACTURING SDN. BHD. (32836-H)

Manufacturer of Valves, Hydrants, Joints, Fittings & Manhole Covers.



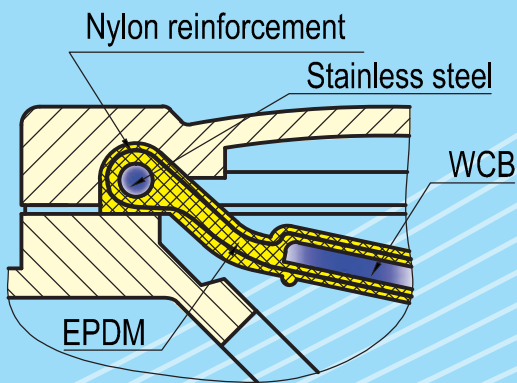
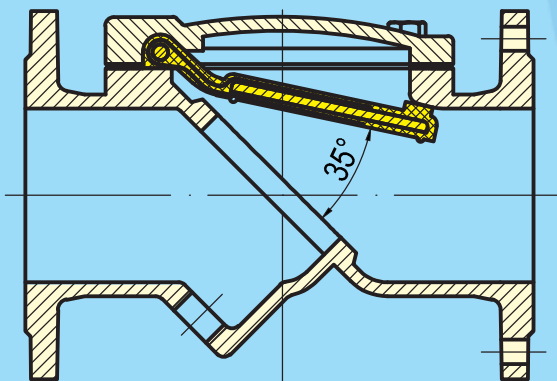
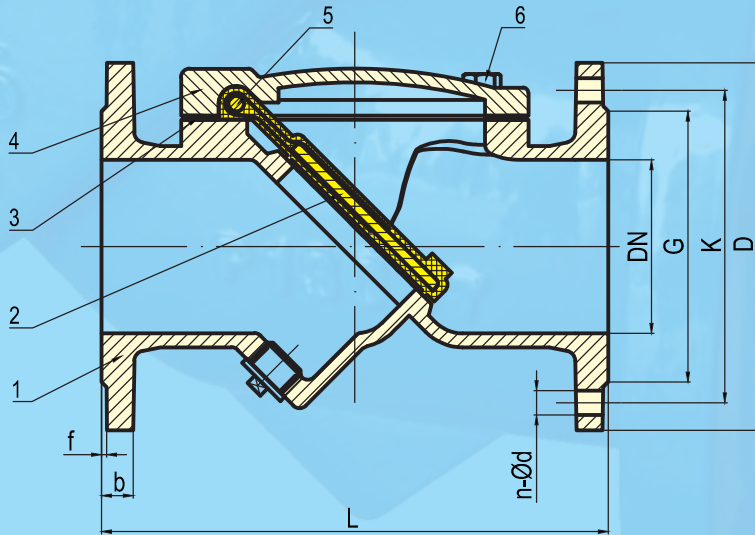


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Main Parameter Specification	
1	Design and manufacture: BN EN 12334
2	Pressure test: BS EN 12266
3	Flange dimension: BS EN 1092-2
4	Face to Face dimension: BS EN 558-1

Material for Main Parts			
No	Description	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-Ø23
250	622	405	355	319	22	3	12-Ø28
300	698	460	410	370	24.5	4	12-Ø28
350	787	520	470	429	26.5	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



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