CHECK VALVES

RUBBER FLAP TYPE

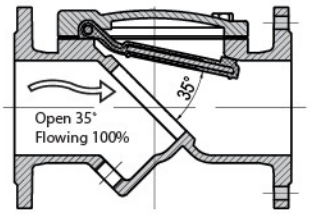
NON RETURN SWING CHECK VALVE (NON-SLAM TYPE)

LYE



In Brief

- For Water Hammer Prevention in Water & Sewage Applications
- Non-Slam Closing Characteristics is Provided Through A Short 35˚ Disc Stroke
- **Working Pressure** : 10/16 bar
- **Shell Test Pressure** : 15/24 bar
- **Seat Test Pressure** : 11/17.6 bar
- **Working Temperature** : ≤ 80˚C
- **Sealing** : EPDM
- **Coating** : Fusion Bonded Epoxy
- **Operating Test** : From Fully Open to Fully Close Three Times



Standards

- **Design** : BS EN 12334 / BS EN 16767
- **Test** : EN 12266-1
- **Flange** : BS EN 1092-2
- **Face to Face** : BS EN 558-1

Features

- **Range of Valve Sizes** : DN50 to DN800
- One Moving Part of Flexible Disc with Less Maintenance
- Designed for A Wider Body Area with Minimum Open Disc at Body Seat 45˚ Angle & Seat Equal to Full Port Area of the Pipe Size
- Full Size Top Access Port Area with Domed Shape Cover, Allowing for Easy Disc Replacement
- A Threaded Port with Plug at the Bottom of the Valve to Allow for Backflow Actuator Installation

The Brand Of Reliability Since 1977

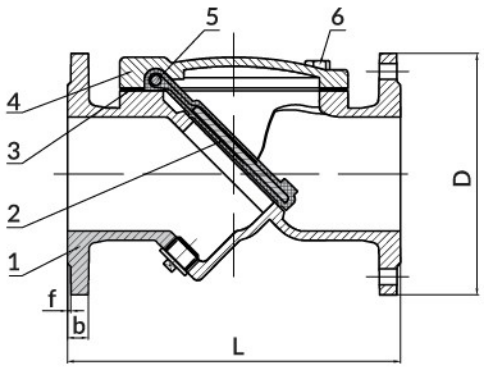
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Manufacturer of Valves, Hydrants, Joints, Fittings & Manhole Covers

RUBBER FLAP TYPE

NON RETURN SWING CHECK VALVE (NON-SLAM TYPE)

Technical Table



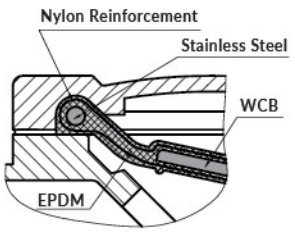
Parts List & Materials

No.	Component	Material	Standard Ref.
1	Body	Ductile Iron	BS EN 1563
2	Flapper	EDPM + Alloy Steel	BS EN 681 + WCB
3	Gasket	EDPM	BS EN 681
4	Bonnet	Ductile Iron	BS EN 1563
5	Pin	Stainless Steel	BS EN 10088-3
6	Bolt	Stainless Steel	BS EN 10088-3

Specifications & Parameters Chart

DN (mm)	L (mm)	D (mm)	b (mm)	f (mm)	Bolts
50	203	165	19	3	M16x4
65	216	185	19	3	M16x4
80	241	200	19	3	M16x8
100	292	220	19	3	M16x8
125	330	250	19	3	M16x8
150	356	285	19	3	M20x8
200	495	340	20	3	M20x12
250	622	400	22	3	M24x12
300	698	455	24.5	4	M24x12
350	787	520	26.5	4	M24x16
400	914	580	28	4	M27x16
450	965	640	30	4	M27x20
500	978	715	31.5	4	M30x20
600	1295	840	36	5	M33x20
700	1448	910	39.5	5	M33x24
800	1956	1025	43	5	M36x24





- The Disc is of One-Piece Construction, Precision Molded with an Integral O-Ring Type Sealing Surface
- The Flex Portion of the Disc Shall Be Warranted for 25 Years Against Tear-Off

Note: Technical data provided in this brochure is indicative only and may be subject to change without prior notice.

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