

RUBBER FLAPPER CHECK VALVE

Flex check valve mainly comprises body, cover and flex disc. The flex disc is made out of steel plate, steel bar, reinforced nylon fabric and rubber. Operation life of the disc is over one million times. The valve adopts full flow area design which is not easy to deposit sundries and convenient for maintenance.

The valve is mainly used in water & waste water system, installed at outlet of pump to prevent damage to pump from reverse flow and water hammer. It can also be installed at bypass pipe of reservoir so as to help the water flowing back into water supplying system.



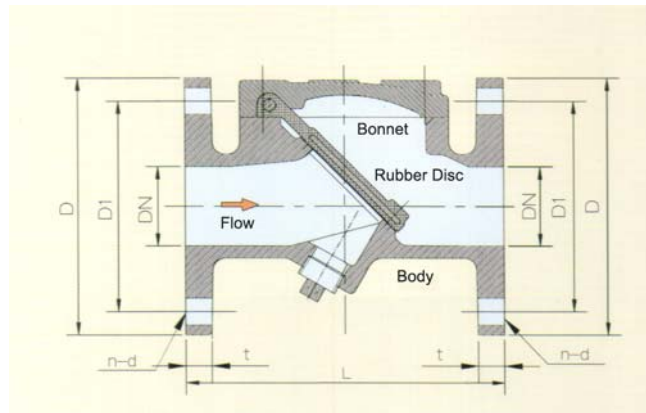
Specification

Valve size (mm)	Pressure rating (MPa)	Applicable temperature °C	Applicable medium	Coating	Test Pressure (MPa)		
					Max. Work pressure	Hydro Test	Leakage Test
DN50-DN800	PN1.0	0°C-80°C	Clean water, sewage, raw water (EPDM)	Poison free powder epoxy	1.0	1.5	1.1

Materials

Parts	Material
Body	Ductile Iron (ASTM A536 65-45-12)
Bonnet	Ductile Iron (ASTM A536 65-45-12)
Disc	Steel, Reinforced Nylon Fabric or NBR / EPDM / VITON

Dimension (Flanged ends conform to: ISO7005)



Diameter DN (mm)	L (mm)	D (mm)	D1 (mm)	d (mm)	n (mm)	t (mm)	H (mm)
50	203	165	125	19	4	19	-
65	216	185	145	19	4	19	-
80	241	200	160	19	8	19	-
100	292	220	180	19	8	19	-
150	381	285	240	23	8	19	-
200	495	340	295	23	8	20	-
250	622	395	350	23	12	22	-
300	698	445	400	23	12	24.5	-
350	787	505	460	23	16	24.5	-
400	813	565	515	28	16	24.5	450
450	914	615	565	28	20	25.5	450
500	1016	670	620	28	20	26.5	475
600	1295	780	725	31	20	30	540
700	1448	895	840	31	24	32.5	610
800	1448	1015	950	34	24	35	610

* The information herein is subject to change without notice.