

Cast Iron Butterfly Check Valve

Check Valve

Size Range: 2~24"(DN50~DN600)

Pressure: PN10, PN16, Class125

Body Materials: Cast Iron, Ductile Iron , WCB , Stainless Steel, Bronze

Seat Materials: NBR, EPDM

Disc Materials: Ductile Iron, WCB, CF8,CF8M, Al-bronze C958

Stem Materials: SS416, SS304, SS316

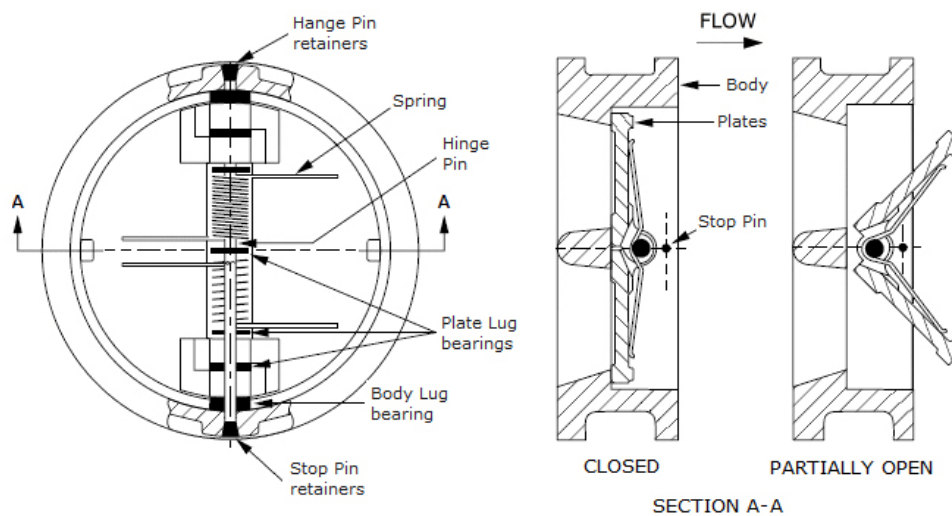
Product introduction:

The wafer butterfly check valve is a energy-save product.It is manufactured based the foreign advanced technology and in accordance with relative international standards.This product is featured by excellent retaining per-formance,high safety and reliability and low flow resistance.It is suitable for systems in the industries of petrochemical food processing,medicine,textile,paper-making.Water,supply,drainage,metallurgy,energy,and light industry,etc,used as a check valve in one way.

Features:

- 1.Small in size,light in weight,compact in structure,easy in maintenance.
- 2.Two torsion springs are used exerting on each of the pair valve plates.Which close the plates quickly and automatically.
- 3.The quick-close action prevents the medium from flowing back and eliminates water-hammer effect.
- 4.This valve is short in length,so that it is rigid and easy to mount.
- 5.It is easy to install on pipeline which is laid horizontally or vertically.
- 6.This valve is tightly sealed without leakage under the pressure water test.
- 7.Safe and reliable in operation,high interference-resistance.

PARAMETERS



Nominal DN(mm)	Measurement(mm)			
	L	R	D	Do
40	43	23.5	92	55
50	43	28.5	107	65.5
65	46	34.5	127	81
80	64	44	142	95
100	64	52.8	162	121
125	70	66.5	192	148.3
150	76	74.5	217	171
200	89	87.5	272	225
250	114	127	328	265
300	114	147	378	310
350	127	173	438	360
400	140	198	489	410

Wafer Check Valve Main parts & material

Name	Material
Valve body	Grey iron, DI
Disc	Ductile iron
Spring	Stainless steel
Seal ring	NBR

Shaft	Carbon steel
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Function &
specification

Type	Nominal Pressure (MPa)	Testing Pressure		Suitable temperature	Suitable medium
		Strength(Water)(MPa)	Sealing(Water)(MPa)		
DH77X-10	10	1.5	1.4	≤80	Water





