



■ FLANGE CONNECTED SWING CHECK VALVE

Product Overview

The valve is suitable for the one-way opening and closing pipeline with nominal pressure of PN1.6-2.5MPa and working temperature of -10℃~350℃ in petroleum, chemical industry, pharmaceutical industry, chemical fertilizer, electric power industry and other working conditions, to cut off or connect the pipeline medium.

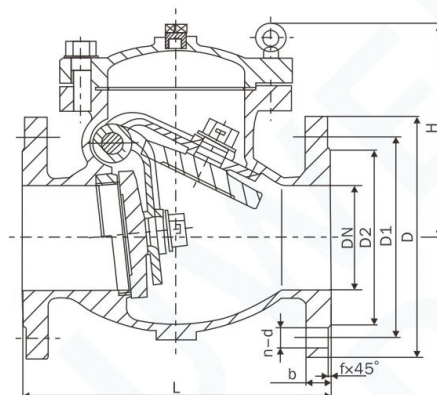
Product Features

1. Light valve body, short opening and closing stroke of disc. Streamlined structure, low flow resistance.
2. Short closing time, fast closing function and good energy saving effect.

Material of Main Parts

No.	Component	Material
01	Body	Ductile iron GGG50
02	Pressure seat	Copper or stainless steel
03	Disc	Ductile iron GGG50/EPDM
04	Rocker	Ductile iron GGG50
05	Gasket	Stainless steel 13Cr
06	Nut	Galvanized carbon steel
07	Split pin	Stainless steel 304
08	Threaded seat	Copper or stainless steel
09	Disc seal ring	Copper or stainless steel
10	Pin shaft	Stainless steel 13Cr
11	Plug	Galvanized or cast iron
12	Middle flange gasket	Flexible graphite + perforation plate EPDM
13	Hexagon head bolt	Galvanized carbon steel
14	Gasket	Galvanized carbon steel
15	Bonnet	Ductile iron GGG50
16	Plug	Galvanized or cast iron
17	Lifting ring	Galvanized carbon steel

FLANGE CONNECTED SWING CHECK VALVE



Main Technical Parameters

Test pressure	Rubber soft seal		Hard seal	
	PN10 Shell: 1.5MPa	Seal: 1.1MPa	PN10 Shell: 1.5MPa	Seal: 1.1MPa
Face to face	PN16 Shell: 2.4MPa	Seal: 1.76MPa	PN16 Shell: 2.4MPa	Seal: 1.76MPa
	PN25 Shell: 3.75MPa	Seal: 2.75MPa	PN25 Shell: 3.75MPa	Seal: 2.75MPa
Applicable temperature	In accordance with DIN 3202 - F6			
Connection End	Flange: DIN 2533			
Surface treatment	Epoxy powder coating, 150-500um, according to AWWA C550 standard.			
Application range	Drinking water, water supply and drainage, sewage treatment, irrigation, fire fighting, steam, tubing, etc.			

Material of Main Parts

PN 10/16

DN		PN	Dimensions(mm)							
inch	mm		L	D	D1	D2	b	n-d	f	H
2"	50	10/16	200	165	125	102	20	4-Φ18	3	127
2.5"	65	10/16	240	185	145	122	20	4-Φ18	3	137
3"	80	10/16	260	200	160	138	22	8-Φ18	3	150
4"	100	10/16	300	220	180	158	24	8-Φ18	3	164
5"	125	10/16	350	250	210	188	26	8-Φ18	3	185
6"	150	10/16	400	285	240	212	26	8-Φ23	3	205
8"	200	10	500	340	295	266	30	8-Φ23	3	249
		16	500	340	295	266	30	12-Φ23	3	249
10"	250	10	600	405	350	320	32	12-Φ23	3	305
		16	600	405	355	320	32	12-Φ27	3	305
12"	300	10	700	460	400	378	32	12-Φ23	4	333
		16	700	460	410	378	32	12-Φ27	4	333
14"	350	16	800	520	470	438	36	16-Φ27	4	378
16"	400	16	900	580	525	490	38	16-Φ30	4	405