



Forged Steel Swing Check Valves

Class 800/900/1500

Construction Features

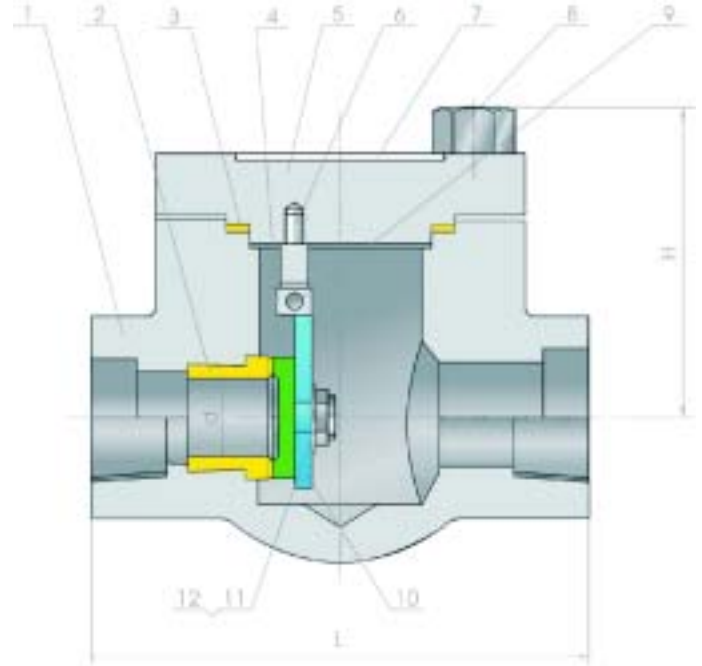
- Bolted bonnet or welded Cover
- Threaded ends or socket welding ends
- Swing type disc
- Rolled-in seat ring

Standards

- Threaded ends: ASME B1.20.1
- Socket welding ends: ASME B16.11
- Basic design: API 602、 BS 5352
- Inspection and test: API 598



Welded Cover (WC)



Parts List

No.	Part Name	Material
1	Body	ASTM A105N
2	Seat Ring	A276 410/Stellite Overlay
3	Gasket	304SS Spiral Wound W/Graphite
4	Disc	ASTM A276 420
5	Cover	ASTM A105N
6	Supporter	ASTM A276 304
7	Nameplate	Aluminum
8	Bolt	ASTM A193 Gr.B7
9	Hinge Pin	ASTM A276 304
10	Hinge	ASTM A276 420
11	Nut	ASTM A276 304
12	Washer	ASTM A276 304

• Body material available in F304、F316、F304L、F316L、F11、F22、F5

Dimensions & Weights (800lb)

Size(in.)	Dim.(mm)			Wt.(Kg)	
	Conv.	d	L	H	BB
1/2	10	79	61	1.0	0.9
3/4	13.6	92	78	1.9	1.6
1	18	111	84	3.9	3.8
1 1/4	24	120	101	4.5	4.3
1 1/2	29	120	120	7.3	7.0
2	36.5	140	133	10.0	9.1

Dimensions & Weights (900lb/1500lb)

Size(in.)	Dim.(mm)			Wt.(Kg)	
	Conv.	d	L	H	BB
1/2	10	111	79	3.0	2.9
3/4	13	111	79	3.6	3.2
1	17.5	120	97	4.3	4.0
1 1/4	23	120	105	6.1	5.8
1 1/2	30	140	120	8.8	8.2
2	35	178	140	12.6	11.5