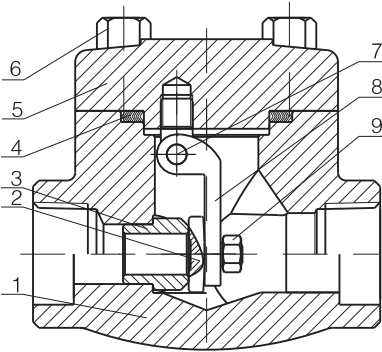


Forged Steel Check Valve-S22/23

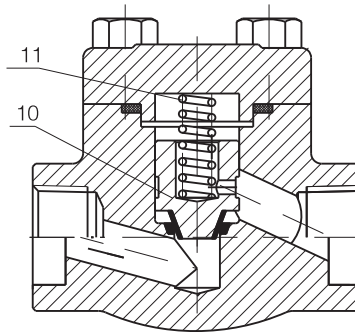


Applicable standards

1. Design and Manufacture
API 602, BS5352, ASME B16.34
2. Connection end
Socket Weld End(SW):ASME B16.11
Threaded End(NPT):ASME B1.20.1
Butt-Weld End(BW):ASME B16.25
Flange End(RF/RTJ):ASME B16.5
3. Test & Inspection
API 602, API 598
4. Design Description
Bolted Bonnet(BB),
Welded Bonnet(WB),
5. Main Materials:
A105, LF2, F5, F11, F22,
304(L), 316(L), F347, F321,
F51, Alloy 20, Monel



S22



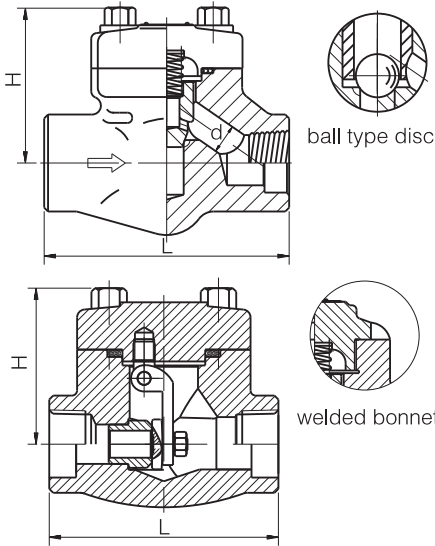
S23



welded bonnet

No.	PART	ASTM Material					
		A105	LF2	F11	F304(L)	F316(L)	F51
1	BODY	A105	LF2	F11	F304(L)	F316(L)	F51
2	DISC	F6a	F6a	F6a+STL	F304(L)	F316(L)	F51
3	SEAT	410	410	410+STL	304(L)	316(L)	F51
4	GASKET	304 + Graphite			304+Graphite	316(L)+Graphite	316(L)+Graphite
5	BONNET	A105	LF2	F11	F304(L)	F316(L)	F51
6	BOLT	B7	L7	B16	B8(M)	B8(M)	B8M
7	PIN	410			304(L)	316(L)	F51
8	HINGE	304			304(L)	316(L)	F51
9	NUT	A194 2H			8	8M	8M
10	SPRING	SS304					

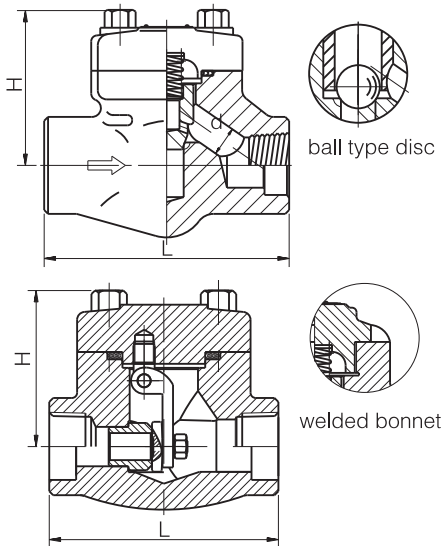
Different Trim are available upon request.



CL800

Bolted Bonnet/Welded Bonnet, Full Port /Reduced Port, Outside Screw and Yoke (OS&Y), Threaded, Butt Weld, Socket Weld. Design: API 602

Size (NPS)	R.P		1/2	3/4	1	1.1/4	1.1/2	2	
	F.P		3/8	1/2	3/4	1	1.1/4	1.1/2	2
Face To Face	L	Lift type	79	92	111	120	152	172	220
		Swing type	79	92	111	120	120	140	178
Height	H	Lift type	61	61	78	84	103	118	132
		Swing type	61	61	78	84	101	120	133
Flow Port Diameter	d	Lift type	10.5	13.5	17	22	28	34	43
		Swing type	10.3	13.5	18	23	29	36	45



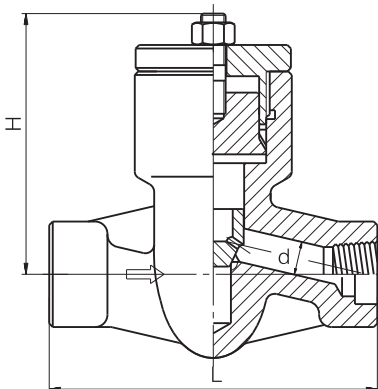
CL900~1500

Pressure Seal Bonnet, Full Port /Reduced Port, Outside Screw and Yoke (OS&Y), Threaded, Butt Weld, Socket Weld. Design: ASME B16.34

Size (NPS)	R.P		1/2	3/4	1	1.1/4	1.1/2	2
	F.P		3/8	1/2	3/4	1	1.1/4	1.1/2
Face To Face	L	Lift type	92	111	120	152	172	220
		Swing type	92	111	120	120	140	178
Height	H	Lift type	78	78	84	103	118	132
		Swing type	78	78	84	101	120	133
Flow Port Diameter	d	Lift type	10.5	13.5	17	22	28	34
		Swing type	10.3	13.5	18	23	29	36

CL900~1500 CL2500

Pressure Seal Bonnet, Reduce Port, Outside Screw and Yoke (OS&Y), Threaded, Butt-Weld, Socket Weld, Design: ASME B16.34



Size (NPS)	R.P		1/2	3/4	1	1.1/4	1.1/2	2
Face to Face	L	CL900~CL1500	140	140	140	178	178	216
		CL2500	186	186	186	232	232	279
Height	H	CL900~CL1500	117	117	117	152	152	195
		CL2500						
Flow Port Diameter	d		10.5	13.5	18	22	28	34