



Body

Body Seal Ring

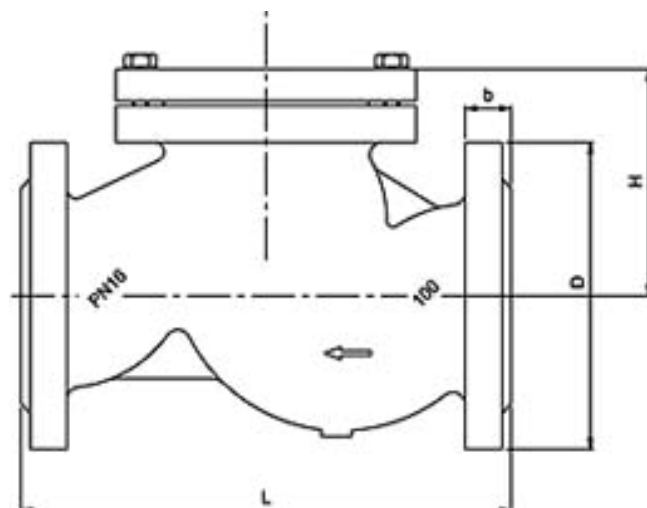
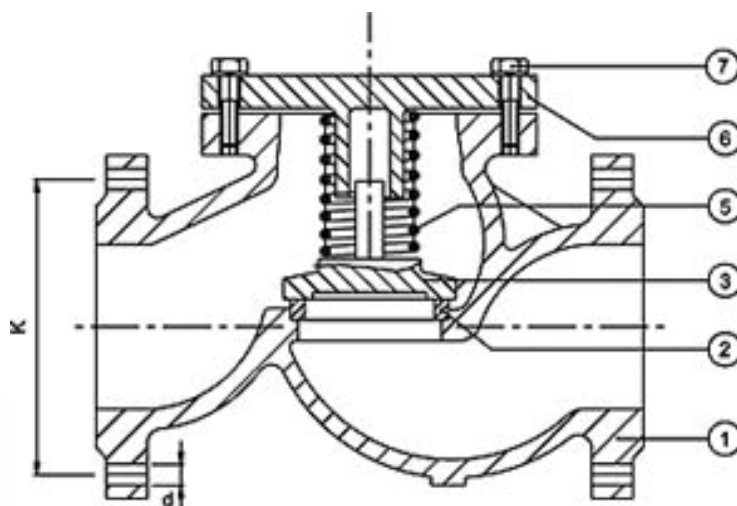
Disk

Disk Seal Ring

Spring

Cap

Bolt and Nuts



Working Pressure: 16 bar
Body Test Pressur: 25 bar
Seal Test Pressur: 16 bar
Temperature: 280°C

Cast Iron Lift Type Check Valves

Lift type check valves are automatically actuated. They are opened and sustained in the open position by the force of dynamic Pressure and shut by the force of spring and gravity. Seating load and resultant tightness is dependent upon back pressure.

Designation of SAM's globe valves is in accordance with below standards:

Material: ISO 9952

Face to Face dimensions: DIN 3202 (F1 Series)

Flanges mating dimensions: DIN 2501-1

Pressure testing: ISO 5208



Materials					
No.	Part Name	Material Group	Material Number	Code Number	Material Standards
1	Body	Gray Cast Iron	0.6025	GG 25	DIN 1691 or ISO 185
2	Body Seat Ring	Stainless Steel	1.4301	X5CrNi 18 10	DIN 17440
3	Disk	Ductile Cast Iron	0.7050	GGG 50	DIN 1693
4	Disk Seal Ring	Stainless Steel	1.4301	X5CrNi 18 10	DIN 17440
5	Spring	Stainless Steel	1.4310	X12CrNi 17 7	DIN 17224
6	Cap	Gray Cast Iron	0.6025	GG 25	DIN 1691 or ISO 185
7	Bolts & Nuts			CK 15	DIN 933

Face to face and space requirement dimentions												
DN	15	20	25	32	40	50	65	80	100	125	150	200
L	130	150	160	180	200	230	290	310	350	400	480	600
D	95	105	115	140	150	165	185	200	220	250	285	340
K	65	75	85	100	110	125	145	160	180	210	240	295
b	14	16	16	18	18	20	20	22	24	26	26	30
d	14	14	14	18	18	18	18	18	18	18	22	22
H	53	53	59	63	95	95	110	130	158	184	204	257
No. of holes	4	4	4	4	4	4	4	8	8	8	8	12
Weight (kg)	2.4	2.9	3.9	5.7	7.6	10	10.43	18.5	26.6	39	58	110