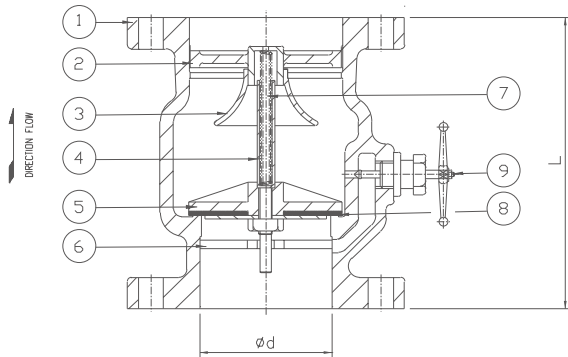


SMOLENSKY CHECK VALVE

SMOLENSKY CHECK VALVE MODEL NO SMC-1



< Patent No : 10-1383676 >



FEATURES

- No water hammer, reaction time of disc is very quick and it is closed with the spring tension before the reverse flow activated.
- Design is simple and easy for repair.
- By-pass valve installed to the body easily drains the water in case of repair/replacement.
- Rubber packing ensures the tight sealing and it is simple to replace.
- Horizontal and vertical installation is applicable. In case of horizontal installation of large diameter valves, it is necessary to use supports.
- Standard flange ends conform to KS but we can meet buyer's flange ends requirement.
- Body material can be Cast Steel, Bronze and SUS, etc. depending on the fluid to be used, temperature and pressure.

SPECIFICATION

DIAMETER	50A(2") ~ 600A(24")
APPLICABLE PRESSURE	10K ~ 40K 150LB ~ 300LB
CONNECTING ENDS	FLANGE TYPE
TEST METHOD	WATER, AIR, GAS AND OIL
APPLICABLE TEMPERATURE	URETHANE, NBR : Under 100°C PTFE(Teflon) : Under 240°C

DIMENSION

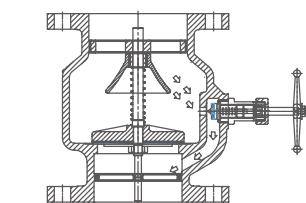
SIZE	ØD	10K(L)	20K(L)	SIZE	ØD	10K(L)	20K(L)
50A	50	182	184	300A	300	600	600
65A	65	194	200	350A	350	715	715
80A	80	210	218	400A	400	825	825
100A	100	218	220	450A	450	880	880
125A	125	263	263	500A	500	940	940
150A	150	288	291	600A	600	1050	1050
200A	200	407	420	700A	700	1130	1130
250A	250	460	480				

* For over Ø350, it is going to be done by request.
 * 1 Piece Body Design : 50A ~ 250A
 * 2 Pieces Body Design : 300A and over

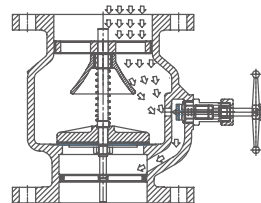
DESCRIPTION OF PARTS

NO	NAME	MATERIAL			Q'ty
1	BODY	SCPH2	SCS13	SCS14	1
2	TOP GUIDE	SCS13	SCS13	SCS14	1
3	BUFFER RING	SCS13	SCS13	SCS14	1
4	STEM	STS304	STS 304	STS 316	1
5	DISC	SCS13	SCS13	SCS14	1
6	BOTTOM GUIDE	SCS13	SCS13	SCS14	1
7	SPRING	STS 316 WPA			1
8	DISC SEAT	EPPM, URETHANE, NBR, PTFE			1
9	BY PASS VALVE	STS 304	STS 304	STS 304	1

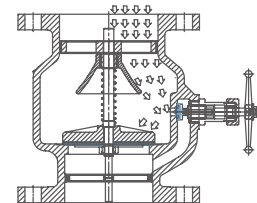
ANTI PRESSURE SURGE TYPE MODEL NO SMC-1S



BY PASS VALVE FULL OPEN
Bypass the fluid inside the valve



BY PASS VALVE PARTIAL OPEN
When a water-hammer occurs, relieves rising surge pressure



BY PASS VALVE FULL CLOSE
Bypass line is blocked

* Please contact us if you would like to know more details.