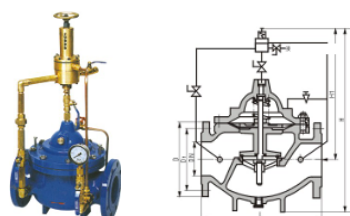


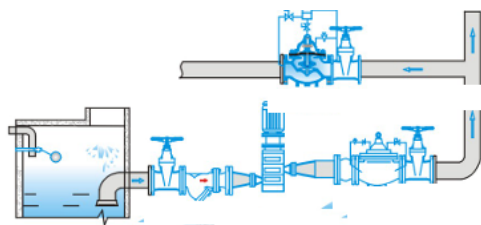
Structure and purpose

Use in a pipeline system to prevent it from surpassing pressure or keep the pressure of it, to reduce the water hammer's shock after the pump is closed and also used as a water hammer remover for a larger water supply system. On the inlet of the valve's control system a self cleaning filter screen is placed, which by means of the bigger specific gravity of the fluid, stops the suspension grains of a bigger specific gravity and diameter going into the system to ensure the main valve's water supply pressure at the upstream at a set value to get the system smoothly circulated without any resistance. This valve features sensitive open-close, safety, reliability, stable motion and long duration.

Brief figure of structure



Out-form and connection dimensions



Schematic diagram of installation

DN(mm)	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	450	500
L	180	180	180	203	203	216	241	292	330	356	495	622	698	787	914	978	978
PN10 D	105	115	135	145	160	180	195	215	245	280	335	390	440	500	565	615	670
PN10 D1	75	85	100	110	125	145	160	180	210	240	295	350	400	460	515	565	620
PN16 D	105	115	135	145	160	180	195	215	245	280	335	405	460	520	580	640	705
PN16 D1	75	85	100	110	125	145	160	180	210	240	295	355	410	470	525	585	650
PN25 D	105	110	135	145	160	180	195	230	270	300	360	425	485	550	610	660	730
PN25 D1	75	85	100	110	125	145	160	190	220	250	310	370	430	490	550	600	660
H	550	550	550	610	610	625	645	750	808	864	1135	1185	1325	1385	1445	1325	1430
H1	460	460	460	516	516	520	538	596	655	710	805	855	955	990	1030	905	960