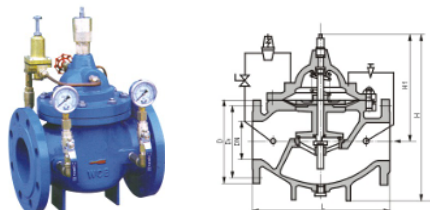


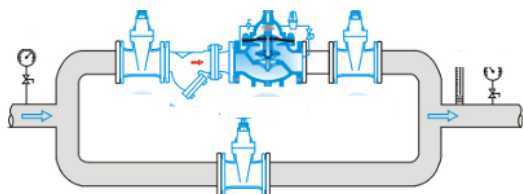
Structure and purpose

This valve uses a high accuracy pilot operated flow control and is suitable for flow and pressure pipeline control to keep the preset flow unchanged, limit an extra-big flow at a preset value and properly lower the high pressure on the upstream, the flow at the downstream will not be affected even if the pressure of the main valve at the upstream varies. It changes the principle for a throttle valve to reduce the energy loss during throttling to the utmost extent and features sensitive control, safety, reliability, easy debugging 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	342	342	342	395	395	405	430	510	560	585	675	730	760	840	910	1030	1135
H1	247	247	247	278	278	298	313	350	365	420	450	470	490	528	570	610	665