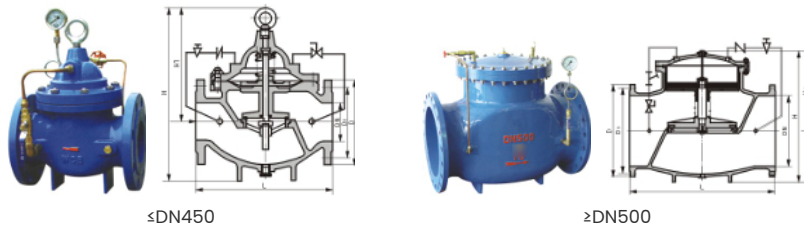


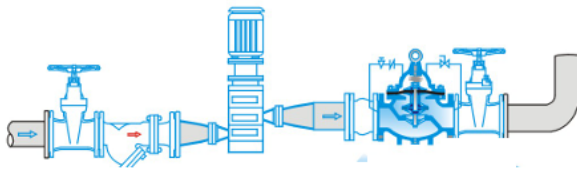
Structure and purpose

Used on the pump outlet of a water supply system to prevent medium's back-flow, water hammer and water shock, combining three functions as an electric valve, check valve and water hammer remover, capable of effectively raising safety and reliability of the water supply system, integrating the technical principle of slow-open, speed valve, slow-closed removing water hammer and preventing both pump-starting and pump-stopping water hammers from being formed. The gate can automatically only open upon the operation rules of the water pump just by operating the pump to open or close electrically. This valve features a big flow and a small pressure loss, reliable sealing performance, easy installation, debugging and maintenance and a 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	600	700	800
L	180	180	180	203	203	216	241	292	330	356	495	622	698	787	914	978	978	1295	1448	1956
PN10 D	105	115	135	145	160	180	195	215	245	280	335	390	440	500	565	615	670	780	895	1010
PN10 D1	75	85	100	110	125	145	160	180	210	240	295	350	400	460	515	565	620	725	840	950
PN16 D	105	115	135	145	160	180	195	215	245	280	335	405	460	520	580	640	705	840	910	1020
PN16 D1	75	85	100	110	125	145	160	180	210	240	295	355	410	470	525	585	650	770	840	950
PN25 D	105	110	135	145	160	180	195	230	270	300	360	425	485	550	610	660	730	840	955	1070
PN25 D1	75	85	100	110	125	145	160	190	220	250	310	370	430	490	550	600	660	770	875	990
H	172	172	172	265	265	310	350	460	520	570	695	780	905	1025	1080	1030	1135	1270	1460	1640
H1	106	106	106	210	210	215	245	305	365	415	510	560	658	696	735	610	665	725	865	925