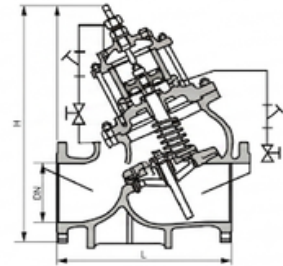


Diaphragm Type



Piston Type

PURPOSE

Mounted on the water pump's outlet pipeline of the high buildings and other water supply systems to prevent the medium's back-flow and the form of water hammer and water shock.

FEATURE

- Good effect of water hammer removal. Integrating the technical principles of water hammer removal by means of slow-open, quick-close and slow-close so as to prevent the water hammers at both pump start and stop from being formed.
- Easy operation. The valve will automatically open or close according to the pump's operating procedures once the pump's motor On-Off button is operated.
- Good effect of energy saving. The valve body is so designed as full-path straight-flow type, resulting in a small pressure loss, a big flow, a small volume and a light weight.

MAIN EXTERNAL AND CONNECTING DIMENSIONS

DN	L	D			D ₁			n-d			H
		1.0MPa	1.6MPa	2.5MPa	1.0MPa	1.6MPa	2.5MPa	1.0MPa	1.6MPa	2.5MPa	
50	203	165	165	165	125	125	125	4-18	4-18	4-18	293
65	216	185	185	185	145	145	145	4-18	4-18	8-18	328
80	241	200	200	200	160	160	160	8-18	8-18	8-18	364
100	292	220	220	235	180	180	190	8-18	8-18	8-22	418
125	330	250	250	270	210	210	220	8-18	8-18	8-22	481
150	356	285	285	300	240	240	250	8-22	8-22	8-26	543
200	457	340	340	360	295	295	310	8-22	12-22	12-26	673
250	533	395	405	425	350	355	370	12-22	12-26	12-26	792
300	610	445	460	485	400	410	430	12-22	12-26	12-30	927
350	686	505	520	555	480	470	490	16-22	16-26	16-30	957
400	762	565	580	620	515	525	550	16-26	16-30	16-33	1188
450	864	615	640	670	585	585	600	20-26	20-30	16-36	1218
500	914	670	715	730	620	650	660	20-26	20-33	20-36	1256
600	1000	780	840	845	725	770	770	20-30	20-36	20-39	1600
700	1100	895	910	960	840	840	875	24-30	24-36	24-42	1750
800	1300	1015	1025	1085	950	950	990	24-33	24-39	24-48	1900
900	1400	1115	1125		1050	1050		28-33	28-39		2100
1000	1450	1230	1485		1160	1170		28-36	28-42		2400
1200	2000	1455			1380			32-39			2860
1400	2350	1675			1530			36-42			3200

SCHEMATIC DIAGRAM OF INSTALLATION

