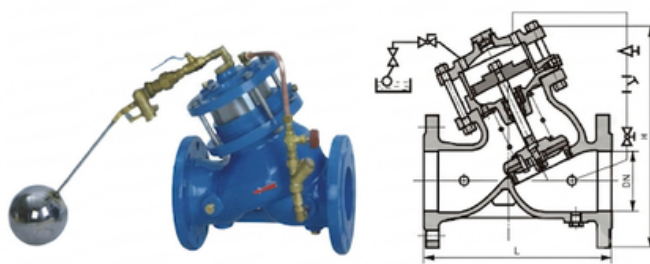


DIAPHRAGM TYPE



PISTON TYPE

PURPOSE

Mounted in the water inlet pipeline of a water pool or tower. The valve will automatically close when the level of the pool reaches the preset one and open to supplement water when the level lowers.

FEATURE

- Tightly and reliably closed. Use of a secure O-ring seal and a hydraulic control principle makes the closing force of the sliding disk proportional to the water-in pressure, leaving a high reliability of the seal.
- Big flow. The valve body is so designed as the full-path streamline type, causing a small fluid resistance and a large flow.
- Soft running. The use of hydraulic operation can automatically control the level of the water pool or tower very accurately.
- Easy use and maintenance. Installation outside of the water pool of the main valve makes debugging and checking easy and maintenance simple.

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	255
65	216	185	185	185	145	145	145	4-18	4-18	8-18	290
80	241	200	200	200	160	160	160	8-18	8-18	8-18	326
100	292	220	220	235	180	180	190	8-18	8-18	8-22	380
125	330	250	250	270	210	210	220	8-18	8-18	8-22	448
150	356	285	285	300	240	240	250	8-22	8-22	8-26	495
200	457	340	340	360	295	295	310	8-22	12-22	12-26	625
250	533	395	405	425	350	355	370	12-22	12-26	12-26	744
300	610	445	460	485	400	410	430	12-22	12-26	12-30	879
350	686	505	520	555	460	470	490	16-22	16-26	16-30	909
400	762	565	580	620	515	525	550	16-26	16-30	16-33	1130
450	864	615	640	670	565	585	600	20-26	20-30	16-36	1160
500	914	670	715	730	620	650	660	20-26	20-33	20-36	1198
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

