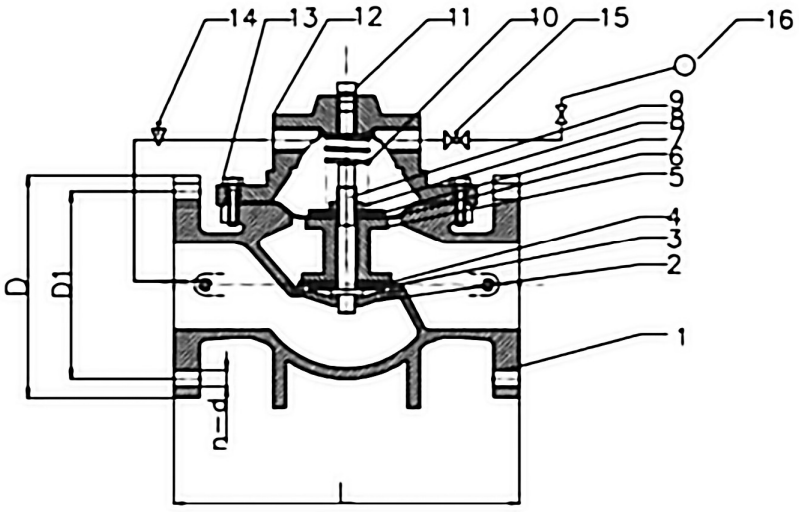
Float Control Valve (101X)



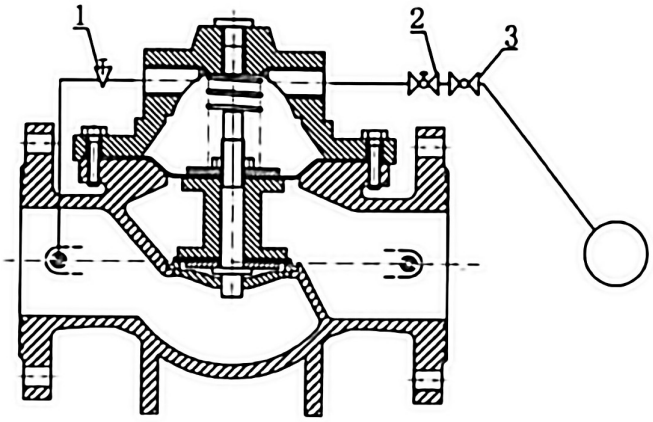
A float valve is used to shut off the flow of liquids, normally water, at a pre-determined level. When adjusted and working properly a float valve is very accurate and extremely reliable. When the water tank (pool) water rises to the set height, float ball to close the float valve to control the indoor water pressure, and promote the main valve closed, the water supply stops. When the water drops, the float valve re-open the control room pressure drop, the main valve to open again to continue the water supply to maintain the liquid level of the set height.

Material list

NO	Part	Specification
1	Body	Ductile Iron GGG50/40
2	Seat	Brass MS 58
3	Platen	Carbon Steel
4	Seal	EPDM
5	Disc	Ductile Iron GGG50/40
6	Diaphraqm	EPDM
7	Platen	Carbon Steel
8	Nut	SS316
9	Stem	SS316
10	Spring	SS316
11	Plug	Brass MS 58
12	Bonnet	DI
13	Bolts	SS316
14	Needle	Brass MS 58
15	Globe Valve	Brass MS 58
16	Float Valve	SS316

Application

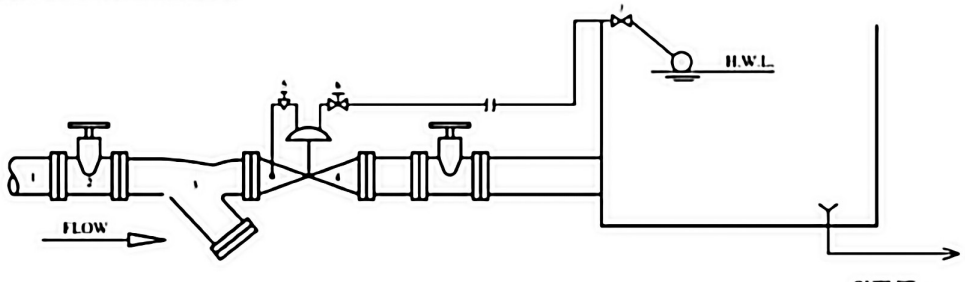
Suitable for water supply, Drainage & water circulation, Air-conditioning, Fire-fighting & Irrigation system, High-rise building and living area.



1- Needle Valve 2- Ball Valve 3- Float pilot Valve

Structure	
Structure	Diaphragm
Working temperature	0C-80°C
Working pressure	PN10/PN16/PN25
Tubes/Pilot valve	Brass
Seat	Brass
Spring/Stem	SS316
Bolts/Washer	SS316
Painting	Epoxy powder coated min 250µm
Body/Cover material	Ductile Iron GGG50/40
Medium	Water
Port size	DN25-DN800 (1˝ to 32˝)
End flange connection	BS EN1092 PN10/PN25; ANSI Class125/150 FF/RF

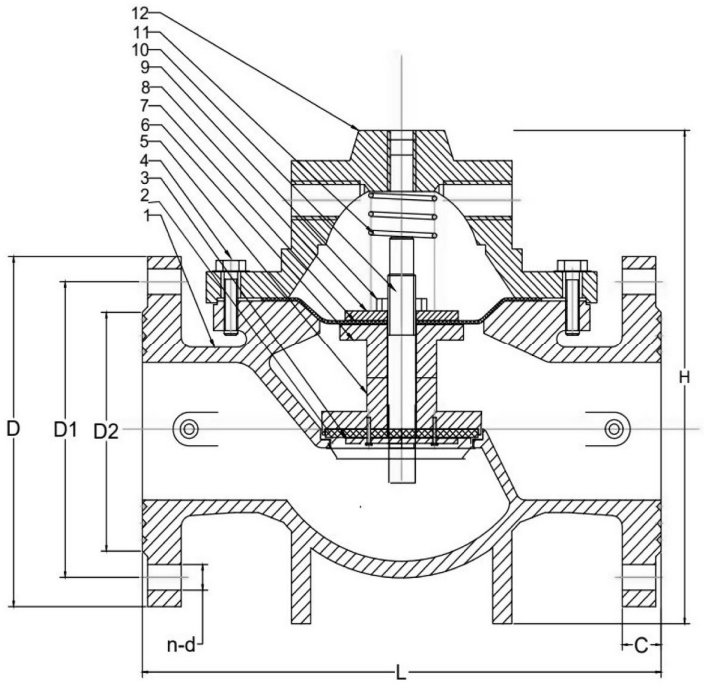
Installation Example



1- Main Supply Line
2- Gate Valve/Globe Valve
3- Y Strainer
4- Float Control Valve/Main Valve
5- Needle Valve
6- Ball Valve
7- Float pilot Valve

DN		L	D	D1	D2	n-d
50		215	165	125	99	4-19
65		235	185	145	118	4-19
80		250	200	160	132	8-19
100		290	220	180	156	8-19
125		325	250	210	184	8-19
150		360	285	240	211	8-23
200	PN10	420	340	295	266	8-23
	PN16		340			12-23
250	PN10	450	395	350	319	12-23
	PN16		405	355		12-28
300	PN10	510	445	400	370	12-23
	PN16		450	410		12-28
350	PN10	670	505	450	429	16-23
	PN16		520	470		16-28
400	PN10	730	565	515	480	16-27
	PN16		580	525		16-31
450	PN10	730	615	565	530	20-28
	PN16		640	585	548	20-31
500	PN10	800	670	620	582	20-28
	PN16		715	650	609	20-34
600	PN10	970	780	725	682	20-31
	PN16		840	770	720	20-37
700	PN10	1110	895	840	794	24-31
	PN16		910	840	794	24-37
800	PN10	1200	1015	950	901	24-34
	PN16		1025	950	901	24-40

Float Control Valve (100X)



Unit:mm

DN	L	H	C	D PN10	D1 PN10	D2 PN10	n-d PN10
100	285	290	17	218	180	156	8-19
150	365	360	19	280	240	210	8-23
200	385	417	19	333	295	266	8-23
250	425	510	24	400	350	320	12-23
300	510	570	24	458	400	378	12-23

NO	Part	Material
1	Body	DI
2	Seat	DI
3	Down diaphragm	EPDM
4	Bolt	SS
5	Disc	DI
6	Disc	DI
7	Upper diaphragm	EPDM
8	Platen	DI
9	Nut	SS
10	Stem	SS
11	Spring	SS
12	Bonnet	DI
13	Tube	Brass
14	Float valve	SS
15	Needle valve	Brass
16	Accessories	Brass