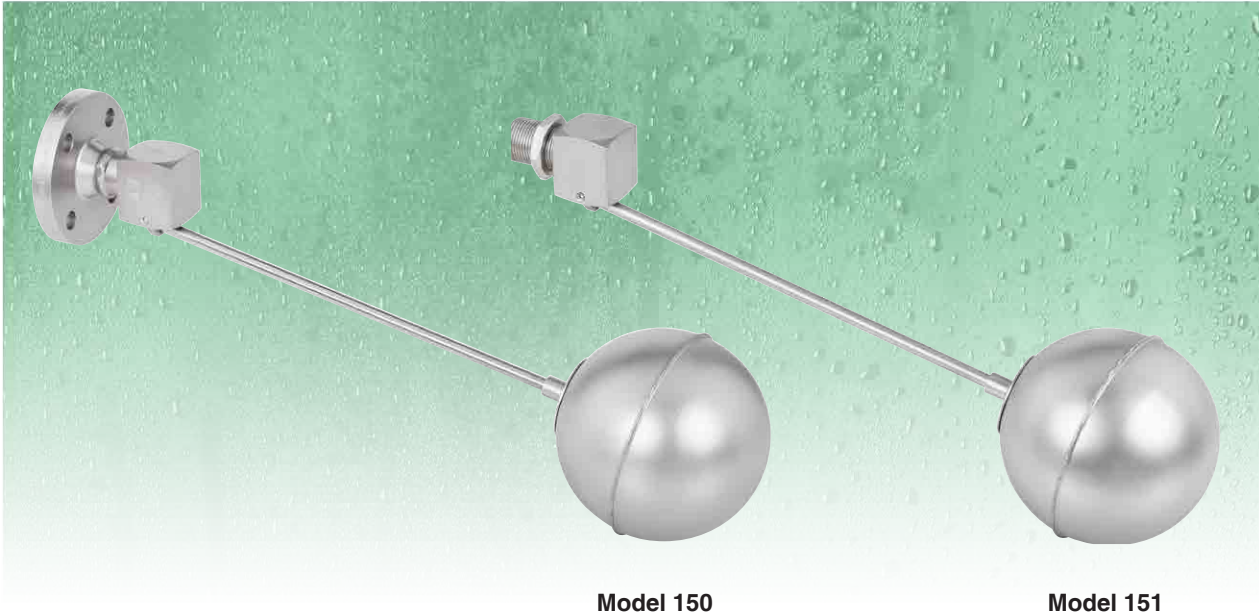


Float valve

Flange connection Model 150
Thread connections Model 151



Model 150

Model 151

To control the level of liquids in tanks, deposits, etc..

Specifications

- Simplicity of construction ensuring minimum maintenance.
- Guarantees absolute opening and closing precision.
- Materials carefully selected for their resistance to corrosion.
- Fully constructed from laminated bars.
- All valves undergo thorough testing.
- Each component is numbered, registered and inspected. If previously requested, the valve will be accompanied by certificates corresponding to materials, batch, tests and performance.

IMPORTANT

Depending on demand:

- Fluorelastomer closure (Viton), etc.
- Buoy with coating of Epoxy, PTFE (Teflón), Chemical nickel, Shining smooth, etc.
- Entirely Stainless steel (EN-1.4571).
- Entirely Stainless steel (EN-1.4301), etc.

EN ASME/MNPT ASME/ANSI

N°. PIECE	PIECE	MATERIAL		
		STAINLESS STEEL		
1	Body	Stainless steel (EN-1.4401)		
2	Coupling	Stainless steel (EN-1.4401)		
3	Closure	Silicone's rubber		
4	Nut	Stainless steel (EN-1.4401)		
5	Lever	Stainless steel (EN-1.4408)		
6	Pin	Stainless steel (EN-1.4401)		
7	Stem	Stainless steel (EN-1.4401)		
8	Connector	Stainless steel (EN-1.4401)		
9	Flange	Stainless steel (EN-1.4401)		
	R	3/8" to 2 1/2"		
	MNPT	3/8" to 2 1/2"		
	DN	15 to 65		
OPERATING CONDITIONS	PRESSURE IN bar	16	15	14
	MAXIMUM TEMP. IN °C	120	180	200
	MINIMUM TEMP. IN °C	-60		

Closure pressure

The closure pressure of the valve will vary with relation to the specific weight of the liquid being controlled according to the following formula:

$$P = \frac{p}{p_a} Pa$$

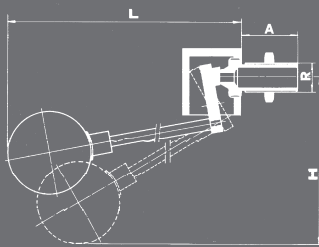
P = Closure pressure liquid.
p = Specific weight liquid.

Pa = Closure pressure water.
pa = Specific weight water.

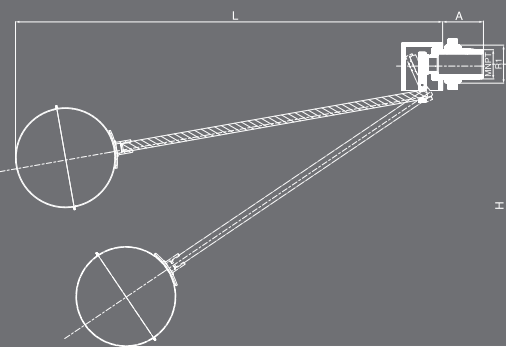
DN	Flange PN 16 EN 1092-1		PRESSURE bar																			
R	Flange class 150 (bs ASME B16.5)		0,5 1 0,5 2 0,5 3 0,5 4 0,5 5 0,5 6 0,5 7 0,5 8 0,5 9 0,5 10 0,5 11 0,5 12 0,5 13 0,5 14 0,5 15 0,5 16																			
MNPT	Whitworth gas-tight male thread cylindrical ISO 228/1 (DIN-259)																					
R1	Male thread NPT ASME B1.20.1																					
	Whitworth gas-tight male thread cylindrical ISO 228/1 (DIN-259)																					
	D	A																				
	1	1																				
	b	Ø																				
	NUM. OF DRILL HOLES																					
3/8"			6	31	BUOY	C Ø60x120	E. Ø90											E. Ø110	P. Ø150x60			
					L	396	366											386	428			
					H	215	210											225	222			
					WEIGHT IN kgs.	0,38	0,41											0,50	0,60			
					CODE 151	2008-151.3382				2008-151.3382 (+) 34005												
					FLOW l/h 20°	1058	1560	1780	2027	2270	2482	2603	2640	2794	2880	2970	3120	3250	3380	3510	3614	
15	EN 1092-1	ASME B16.5		35	BUOY	C Ø60x120	E. Ø90	E. Ø110	P. Ø150x60												E. Ø150	
	95	90			L	434	404	424	420											413		
1/2"	80	80,3		10	H	252	245	260												267		
	14	15,9			WEIGHT IN kgs.	0,53 / 1,31	0,56 / 1,31	0,64 / 1,42	0,90 / 1,88											0,84 / 1,82		
1/2"	16	11,2			CODE 150	2008-150.30221 (+) 34005				2008-150.30222												
					CODE 151	2008-151.30221 (+) 34005				2008-151.30222												
3/4"	4	4		51	FLOW l/h 20°	2644	3738	4575	5287	5640	6346	7385	7457	7931	8354	8674	9051	9425				
20	EN 1092-1	ASME B16.5		40	BUOY	E. Ø90	E. Ø110	P. Ø150x60												E. Ø150		
	106	100			L	450	469	509											507			
3/4"	75	80,3		12,5	H	240	255	250											282			
	14	15,9			WEIGHT IN kgs.	1,04 / 2,04	1,12 / 2,12	1,27 / 2,27											1,32 / 2,32			
3/4"	18	12,7			CODE 150	2008-150.3342																
					CODE 151	2008-151.3342																
1"	4	4		53	FLOW l/h 20°	4522	6395	7823	9044	10090	11033	11937	12797	13566	14289	14850						
25	EN 1092-1	ASME B16.5		45	BUOY	E. Ø110	P. Ø250x80	E. Ø150	E. Ø150											P. Ø 250x95		
	115	110			L	475	507	565	510	615											732	
1"	85	73,4		16	H	257	250	275	285	327											350	
	14	15,9			WEIGHT IN kgs.	1,20 / 2,24	1,34 / 2,34	1,48 / 2,52	1,38 / 2,72	1,25 / 2,58											1,77 / 3,11	
1"	18	14,3			CODE 150	2008-150.31021				2008-150.31022												
					CODE 151	2008-151.31021				2008-151.31022												
1 1/4"	4	4		59	FLOW l/h 20°	6480	9270	11352	13148	14667	16044	17363	18369	19398	20510							
32	EN 1092-1	ASME B16.5		50	BUOY	E. Ø150	P. Ø250x95	E. Ø200												P. Ø300x15		
	140	115			L	637	737	680												787		
1 1/4"	100	88,9		21	H	317	327	355												350		
	18	15,9			WEIGHT IN kgs.	1,82 / 3,82	2,21 / 4,21	1,95 / 3,95												2,72 / 4,72		
1 1/2"	4	4		58,5	CODE 150	2008-150.31421				2008-150.31422												
					CODE 151	2008-151.31421				2008-151.31422												
1 1/2"	4	4		58,5	FLOW l/h 20°	11508	16226	19925	23016	25663	28080	30382	32204	34136	36040							
40	EN 1092-1	ASME B16.5		57	BUOY	P. Ø250x95	E. Ø200	P. Ø300x115	P. Ø350x130	E. Ø300												
	150	125			L	660	610	710	760		6 710											
1 1/2"	110	98,4		24	H	285	315	310	330		6 385											
	18	15,9			WEIGHT IN kgs.	2,60 / 4,6	2,57 / 4,77	3,11 / 5,21		3,25 or 3,30 / 6,45 or 6,50												
2"	4	4		61,5	CODE 150	2008-150.3121				2008-150.3122												
					CODE 151	2008-151.3121				2008-151.3122												
2"	4	4		61,5	FLOW l/h 20°	14548	20512	25167	29070	32442	35362	38544	42216	46089	50200							
50	EN 1092-1	ASME B16.5		60	BUOY	E. Ø200	P. Ø300x115	P. Ø350x130	E. Ø300													
	185	150			L	677	777	827	777													
2"	125	130,7		29	H	410	417	440	485													
	18	19,1			WEIGHT IN kgs.	3,86 / 6,54	4,39 / 7,07	4,81 / 7,49		4,87 / 7,55												
2"	18	19,1			CODE 150	2008-150.3202																
					CODE 151	2008-151.3202																
2 1/2"	4	4		63,5	FLOW l/h 20°	22136	31648	38296	44273	49364	54010	58439	63114	68030	72792							
65	EN 1092-1	ASME B16.5		79	BUOY	E. Ø200	P. Ø350x130	E. Ø300														
	185	180			L	704	804	845 or 804														
2 1/2"	145	138,7		40	H	420	427	450 or 490														
	18	19,1			WEIGHT IN kgs.	6,52 / 8,72	7,30 / 8,72	7,72 or 7,50 / 8,72														
2 1/2"	18	22,3			CODE 150	2008-150.3222																
					CODE 151	2008-151.3222																
3"	6	4		67,5	FLOW l/h 20°	36015	50138	61128	70615	78342												

IMPORTANT

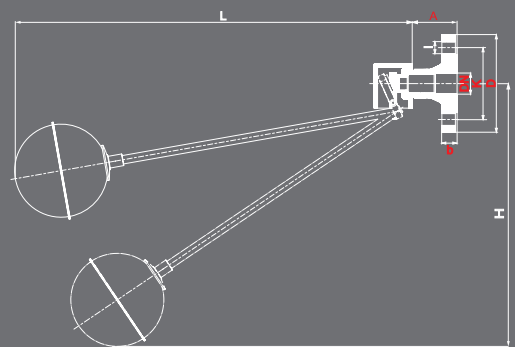
- C. - Cylindrical buoy.
- E. - Spherical buoy.
- P. - Flat buoy.
- Use the relevant code for the buoy, according to brochure
- Model 152.
- Buoys suitable for higher pressure are also suitable for use at lower pressure.
- **CODE 150** ANSI 150# add 1 to code.
- **CODE 151** NPT add 1 to code.



Mod. 151



Mod. 151



Mod. 150