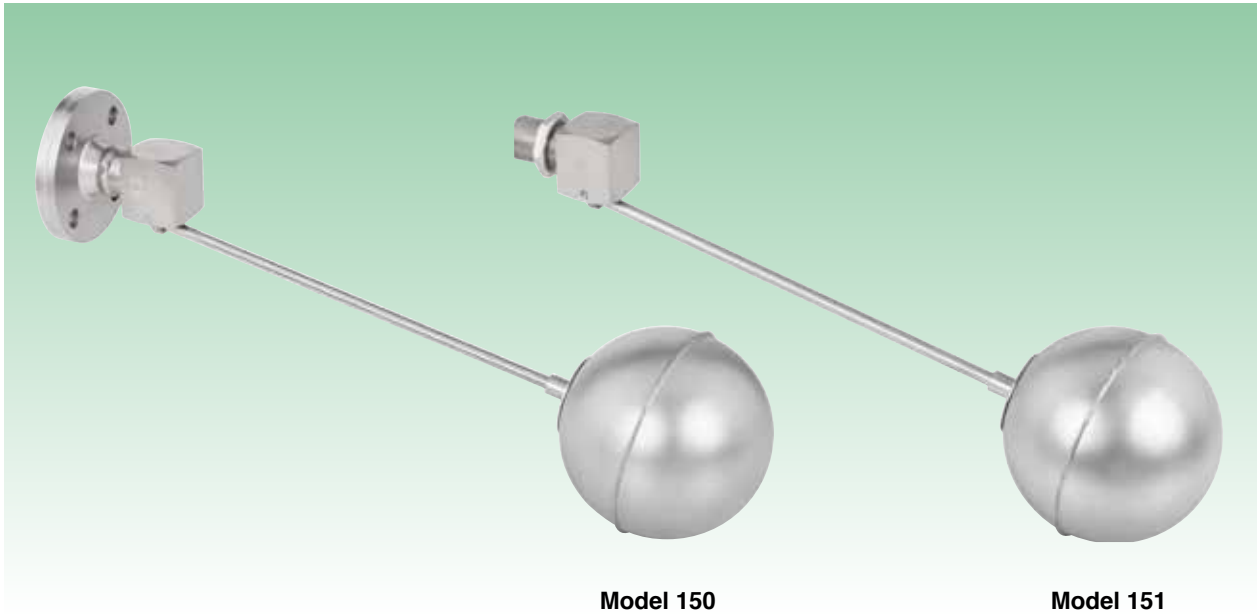


Float valve

Flange connection Model 150
Thread connections Model 151



EN ASME/MNPT ASME/ANSI



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.

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.

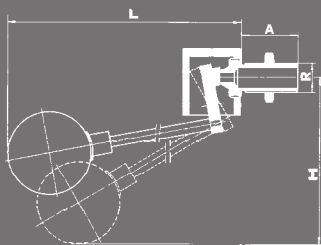
Pa = Closure pressure water.
pa = Specific weight water.

DN	Flange PN-16 EN-1092-1		PRESSURE bar																			
R	Flange class 150 lbs 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 de 1978 (DIN-259)																					
R1	Male thread NPT ASME B1.20.1																					
	Whitworth gas-tight male thread cylindrical ISO 228/1 de 1978 (DIN-259)																					
	D	K	REDUCED PITCH Ø	A																		
	J	B	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		10	35	BUOY	C Ø60x120	E. Ø90	E. Ø110	P. Ø150x60	E. Ø150											
	95	90				L	434	404	424	420	413											
	65	60,3				H	252	245	260		267											
	14	15,9				WEIGHT IN kgs.	0,53 / 1,31	0,56 / 1,34	0,64 / 1,42	0,90 / 1,68	0,84 / 1,62											
	16	11,2				CODE 150	2008-150.30221 (+) 34005		2008-150.30221		2008-150.30222											
	16	11,2				CODE 151	2008-151.30221 (+) 34005		2008-151.30221		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		12,5	40	BUOY	E. Ø90	E. Ø110	P. Ø150x60	E. Ø150												
	105	100				L	450	469	509	507												
	75	69,9				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												
	18	12,7				CODE 150	2008-150.3342															
	18	12,7				CODE 151	2008-151.3342															
1"	4	4			53	FLOW l/h 20°	6422	6395	7823	9044	10090	11033	11937	12797	13566	14289	14850					
25	EN-1092-1	ASME B16.5		16	45	BUOY	E. Ø110	P. Ø250x80	E. Ø150	E. Ø150	P. Ø 250x95											
	115	110				L	475	507	565	510	615	732										
	85	79,4				H	257	250	275	285	327	350										
	14	15,9				WEIGHT IN kgs.	1,20 / 2,54	1,34 / 2,66	1,48 / 2,82	1,38 / 2,72	1,25 / 2,59	1,77 / 3,11										
	18	14,3				CODE 150	2008-150.31021				2008-150.31022											
	18	14,3				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		21	50	BUOY	E. Ø150	P. Ø250x95	E. Ø200		P. Ø300x15											
	140	115				L	637	737	680	787												
	100	88,9				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											
	18	15,9				CODE 150	2008-150.31421				2008-150.31422											
	18	15,9				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		24	57	BUOY	P. Ø250x95	E. Ø200	E. Ø150	P. Ø300x115	P. Ø350x130		E. Ø300									
	150	125				L	660	610	710	760		710										
	110	98,4				H	285	315	310	330		385										
	18	15,9				WEIGHT IN kgs.	2,60 / 4,8	2,57 / 4,77	3,11 / 3,31		3,25 or 3,30 / 6,45 or 6,50											
	18	17,5				CODE 150	2008-150.3121				2008-150.3122											
	18	17,5				CODE 151	2008-151.3121				2008-151.3122											
1 1/2"	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		29	60	BUOY	E. Ø200	P. Ø300x115	P. Ø350x130		E. Ø300											
	185	150				L	677	777	827		777											
	125	120,7				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											
	18	19,1				CODE 150	2008-150.3202															
	18	19,1				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		40	79	BUOY	E. Ø200	P. Ø300x115	P. Ø350x130		E. Ø300											
	185	180				L	704	804	845 or 804													
	145	139,7				H	420	427	450 or 490													
	18	19,1				WEIGHT IN kgs.	6,52 / 9,72	7,30 / 11,24	7,72 or 7,50 / 11,24 or 11,10													
	18	19,1				CODE 150	2008-150.3222															
	18	22,3				CODE 151	2008-151.3222															
3"	8	4			67,5	FLOW l/h 20°	36015	50138	61128	70615	78342											

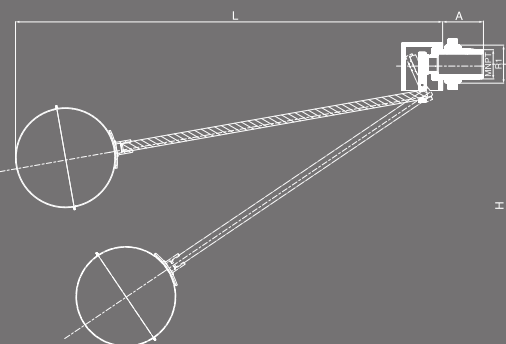
IMPORTANT

- C. - Cylindrical buoy.
- E. - Spherical buoy.
- P. - Flat buoy.

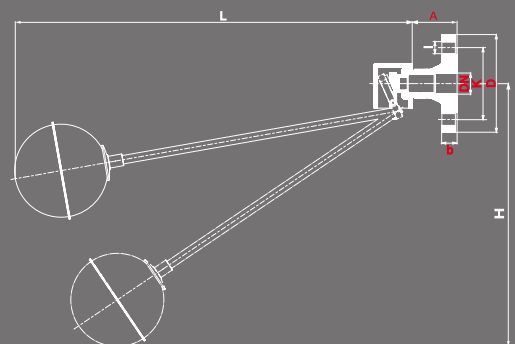
- Use the relevant code for the buoy, according to brochure
- Model 152.
- Buoys suitable for higher pressure are also suitable for use at lower pressure.
- **CODE 150** ANSI 150# add 1 to code.
- **CODE 151** NPT add 1 to code.



Mod. 151



Mod. 151



Mod. 150