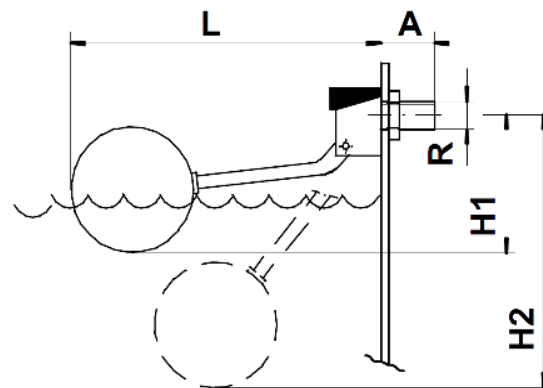


# [FIG.100]

# Float Valve

**H1** – Corresponds to the closed valve, the real value depends on the pressure when closed and the liquid density used.

**H2** – Corresponds to the open valve when the float is in its lowest position.



Opening [ mm ]	DIMENSIONS FIG. 100					MASS WITHOUT FLOAT [ kg ]	Ø SPHERICAL BUOYS For pressure P = 10 bar Ø [ mm ]
	[ Inches ]	[ mm ]					
	R	A	L	H1	H2		
10	3/8" G	32	300* 316	70 132	260	0,107	90
15	1/2" G	35	405* 422	124 180	370	0,175	110
20	3/4" G	42	485* 513	148 207	420	0,300	160
25	1" G	45	562* 593	150 220	496	0,366	160
32	1 1/4" G	53	580* 611	170 235	496	0,464	160

\* Lengths of the float in stainless steel.

Opening [ mm ]	FIG. 100 WATER FLOW [ l/h ]						
	Pressure [ bar ]						
	1	2	3	4	6	8	10
3/8"	1 132	1 669	1 904	2 169	2 656	2 825	3 082
1/2"	2 829	3 998	4 895	5 657	6 790	7 978	8 938
3/4"	4 838	6 842	8 370	9 677	11 805	13 993	15 289
1"	6 934	9 919	12 147	14 068	17 167	19 654	21 945
1 1/4"	7 280	10 414	12 754	14 771	18 025	20 636	23 051

## Features:

- Made from stainless steel 18/8 (AISI – 304/DIN 1.4301) and 18/8/2 (AISI 316/DIN 1.4401),
- With a black polythene cover, polythene buoys available in stainless steel AISI – 304/AISI – 316 on demand.
- Swing type valve with silicone shutter, available in Viton, EPDM, Buna, PTFE, etc., on demand.
- The valve closes progressively.
- Valve system patented and guarantees a perfect seal with minimum force from the float.
- Connection with Gas thread cylindrical DIN – ISO 228/1985.
- Nominal pressure PN – 10, maximum variable pressure 10 bar.