

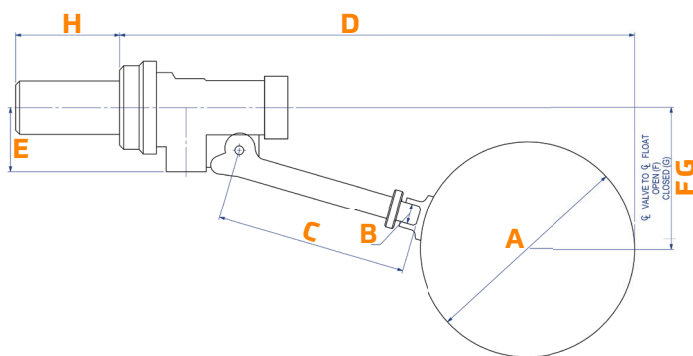


Low	Pressure Max	40 PSI
Medium	Pressure Max	100 PSI
High	Pressure Max	300 PSI

Pressure of Water 1 bar = 14 PSI	Head of Water	Diameter of Orifice									
		3.1mm 1/8"	4.7mm 3/16"	6.3mm 1/4"	9.5mm 3/8"	12.7mm 1/2"	15.8mm 5/8"	19.0mm 3/4"	23.8mm 15/16"	25.4mm 1"	31.7mm 1 1/4"
Discharge in Litres per Second											
0.039	0.4	0.016	0.036	0.065	0.147	0.263	0.407	0.590	0.926	1.050	1.640
0.098	1.0	0.250	0.057	0.103	0.234	0.418	0.647	0.937	1.470	1.670	2.600
0.246	2.5	0.039	0.090	0.162	0.370	0.661	1.020	1.480	2.320	2.640	4.120
0.393	4.0	0.050	0.114	0.206	0.468	0.836	1.290	1.870	2.940	3.340	5.210
0.881	9.0	0.075	0.172	0.308	0.702	1.250	1.940	2.810	4.410	5.020	7.810
1.97	16.0	0.100	0.228	0.412	0.936	1.670	2.590	3.750	5.880	6.690	10.400
2.06	21.0	0.114	0.262	0.473	1.070	1.920	2.970	4.310	6.750	7.680	12.000
2.46	25.0	0.124	0.286	0.515	1.170	2.090	3.240	4.690	7.350	8.360	13.000
3.54	36.0	0.149	0.344	0.618	1.400	2.510	3.880	5.630	8.820	10.000	15.600
4.23	43.0	0.163	0.371	0.671	1.530	2.710	4.240	6.140	9.620	10.900	17.000
4.81	49.0	0.174	0.400	0.721	1.640	2.930	4.530	6.560	10.300	11.700	18.200
5.6	57.0	0.188	0.432	0.777	1.770	3.160	4.880	7.070	11.100	12.600	19.700
6.28	64.0	0.199	0.458	0.824	1.870	3.350	5.170	7.500	11.800	13.400	20.800
7.36	75.0	0.216	0.495	0.891	2.020	3.620	5.610	8.110	12.700	14.500	22.600
795	81.0	0.224	0.515	0.927	2.100	3.760	5.820	8.440	13.200	15.000	23.400
9.24	94.0	0.244	0.555	1.000	2.270	4.060	6.280	9.100	14.300	16.200	25.300
9.83	100.0	0.249	0.572	1.030	2.340	4.180	6.460	9.370	14.700	16.700	26.000
11.9	121.0	0.274	0.628	1.160	2.570	4.590	7.110	10.300	16.200	18.400	28.600
14.1	144.0	0.298	0.686	1.240	2.810	5.020	7.760	11.300	17.600	20.000	31.200

BS1212 Ballvalves

Code	366802	366913	366836	366854	366856	366858
BSP	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
A	4 1/2"	6"	8"	10"	10"	12"
B	5/16"	5/16"	7/16"	9/16"	9/16"	5/8"
C	8.3/4"	13"	16"	22"	22"	29"
D*	390mm	555mm	670mm	890mm	890mm	1170mm
E*	23mm	34mm	41.3mm	57.2mm	57.2mm	76.2mm
F*	235mm	65mm	290mm	425mm	425mm	540mm
G*	80mm	85mm	140mm	185mm	185mm	210mm
H*	41mm	43mm	52mm	62mm	62mm	70mm



Requirements of Byelaw 42

Parts 2,3 and 4 Float Operated Valves are capable of withstanding a back syphonage test when the water level is as high as the centreline of the valve.

Byelaw 42 requires not only that the lever of a float operated valve should be strong enough, but in the case of every 1/2" sized valve should be fitted with some easily adjustable device for setting the water level. Bending of the lever will not be accepted.