

Spherical Buoys

Our spherical buoys product range have a broad range of sizes and depths. The buoys are single-piece devices, and suitable for operations and needs where buoyancy requirement are modest. Sizes up to Ø450 mm have a 50 mm hole through the buoy, through which a rope or wire can be threaded. Pad eyes can be mounted as an option. The holes are also suitable for manual handling. The Ø800 mm and Ø1000 mm buoys have a Ø110 mm hole, and are most often delivered with pad eyes. Standard color: bright yellow, optional: orange. Buoyancy figures are given seawater with a density of 1,025 kg/dm³. Weight figures are dry weight in air. Buoyancy figures are nominal net buoyancy.

Spheres with pad-eyes

Buoy	Added [kg] weight	Buoyancy loss [kgf]
Ø300	1,4	1,2
Ø340	1,4	1,2
Ø400	1,5	1,3
Ø450	1,5	1,3
Ø450 Extended	1,5	1,3
Ø800	5,9	5,1
Ø1000	6,1	5,3

All depths

Depth	Ø300		Ø340		Ø400		Ø450		Ø450 Extended, L: 710 mm		Ø800		Ø1000	
	Buoyancy	Weight	Buoyancy	Weight	Buoyancy	Weight	Buoyancy	Weight	Buoyancy	Weight	Buoyancy	Weight	Buoyancy	Weight
Surface	11	2,9	16	4,1	26	6	38	8	70	16	240	40	455	75
100 m	9,5	4,1	15	6	23	9	34	12	65	23	215	65	405	125
250 m	8	5,5	13	8	20	12	30	17	55	34	190	90	360	170
500 m	7,5	6	12	9	19	13	28	19	50	38	175	105	335	195
800 m	7,5	6	11	9,5	18	14	27	20	48	40	165	110	320	210
1000 m	6	7,5	9,5	11	15	17	23	24	43	45	135	140	270	265
1500 m	6	8	8,5	12	14	18	21	25	39	49	125	150	250	285
2000 m	5,5	8	8,5	12	13	19	19	27	36	50	120	160	230	305
2500 m	4,9	9	8	13	12	20	18	29	33	55	110	170	210	325

Buoyancy [kgf], weight [kg].

Cylindrical Support Buoys

The PartnerPlast CSB (Cylindrical Support Buoy) is a range of single-element buoyancy modules. The CSB range consist of three different sizes of buoys, and can be delivered with pad-eyes or chain through armature. Standard color: bright yellow, optional: orange. Buoyancy figures are given seawater with a density of 1,025 kg/dm³. Weight figures are dry weight in air. Buoyancy figures are nominal net buoyancy.

The CSB range is designed with emphasis on easy handling off and on board. The buoys have flat sides to prevent rolling and simplify stacking. Our customers have contributed actively with their competence and experience through the design process.



Depth	CSB1000		CSB2000		CSB3000	
	Buoyancy	Weight	Buoyancy	Weight	Buoyancy	Weight
Surface	980	245	1970	395	2700	510
100 m	870	355	1750	610	2400	800
250 m	760	465	1540	820	2100	1090
500 m	700	520	1430	930	1960	1240
800 m	670	550	1370	1000	1870	1330
1000 m	560	670	1340	1030	1830	1360
1500 m	510	710	1220	1140	1670	1530
2000 m	470	750	1070	1290	1470	1720
2500 m	425	800	990	1380	1360	1840

Buoyancy [kgf], weight [kg].