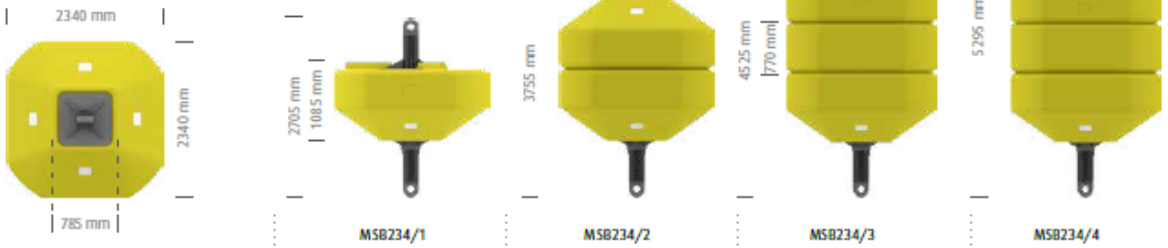
GMC Lifting Solutions

GMC Subsurface Modular Buoy

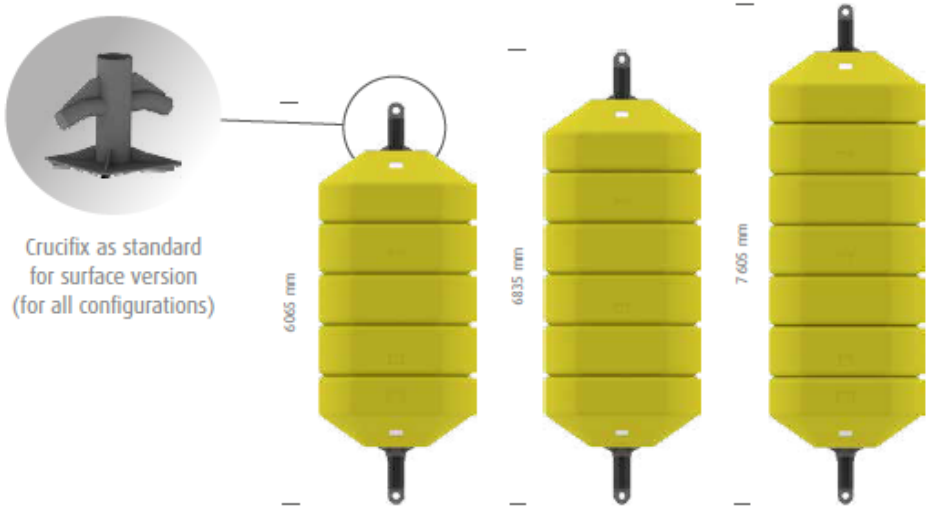
Modular Support Buoy 234

This is the most commonly used large modular buoy, both for permanent and temporary use. Available in all depth ratings from surface to 2500 meters. For surface buoys, AIS, radar reflector and light system can be provided as an option, with a nominal detection range of four nautical miles. The steel work has a MBL of 85t.

Standard color: bright yellow, optional: orange. Buoyancy figures are given seawater with density 1,025 kg/dm3. Weight figures are dry weight in air. Buoyancy figures are nominal net Buoyancy.



MSB234/1 MSB234/2 MSB234/3 MSB234/4



MSB234/5 MSB234/6 MSB234/7

Depth	Buoyancy	Weight	Buoyancy	Weight	Buoyancy	Weight	Buoyancy	Weight
Surface	3000 (3500)	1130 (590)	6500	1720	9400 (3100)	2400 (560)	12500	3000
100 m	2600 (3100)	1540 (960)	5600	2600	8300 (2800)	3500 (890)	11100	4500
250 m	2200 (2700)	1910 (1340)	4900	3300	7200 (2400)	4600 (1240)	9600	5900
500 m	2000 (2500)	2100 (1520)	4500	3700	6700 (2200)	5200 (1410)	8900	6600
800 m	1920 (2400)	2200 (1630)	4300	3900	6400 (2200)	5500 (1510)	8500	7000
1000 m	1880 (2400)	2200 (1670)	4200	4000	6300 (2100)	5600 (1530)	8400	7200
1500 m	1680 (2200)	2500 (1880)	3800	4400	5700 (1950)	6200 (1710)	7600	7900
2000 m	1430 (1920)	2700 (2100)	3300	4900	5000 (1720)	6900 (1940)	6600	8900
2500 m	1280 (1780)	2900 (2300)	3000	5200	4500 (1590)	7300 (2100)	6100	9400

Depth	Buoyancy	Weight	Buoyancy	Weight	Buoyancy	Weight
Surface	15600	3600	18600	4200	21600	4900
100 m	13800	5400	16500	6400	19200	7300
250 m	12000	7200	14300	8500	16700	9800
500 m	11100	8100	13300	9500	15500	11000
800 m	10600	8600	12700	10100	14800	11700
1000 m	10400	8700	12500	10300	14600	11900
1500 m	9500	9700	11400	11500	13300	13200
2000 m	8300	10900	10000	12900	11700	14800
2500 m	7600	11600	9200	13700	10700	15800

Buoyancy [kgf], weight [kg]. Figures in parentheses are element only – figures in parentheses on configuration MSB234/3 are center element only.