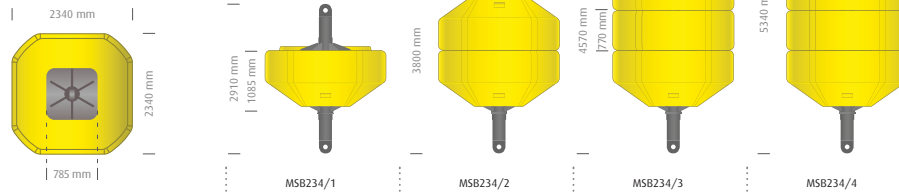


# Modular Support Buoy 234

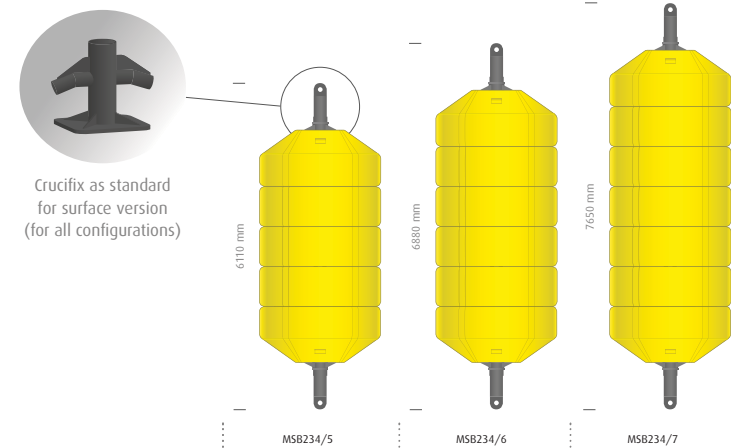
The most commonly used large modular buoys, both for permanent and temporary use. Available in all depth ratings from surface to 2000 meters. For surface buoys, AIS, radar reflector and light system can be provided as an option, with a nominal detection range of four nautical miles. The steel work has a MBL of 85t.

Standard color: bright yellow, optional: orange. Buoyancy figures are given seawater with density 1,025 kg/dm<sup>3</sup>. Weight figures are dry weight in air. Buoyancy figures are nominal net Buoyancy.



Depth	Buoyancy		Weight		Buoyancy		Weight		Buoyancy		Weight	
Surface	2900	(3400)	1170	(600)	6300	1770	9300	(3100)	2500	(570)	12400	3100
250 m	2100	(2700)	1940	(1320)	4800	3300	7200	(2400)	4600	(1240)	9600	5900
500 m	1960	(2500)	2100	(1510)	4400	3700	6600	(2300)	5100	(1400)	8900	6600
800 m	1850	(2400)	2200	(1610)	4200	3900	6300	(2200)	5400	(1500)	8500	7000
1000 m	1810	(2300)	2300	(1660)	4100	4000	6200	(2100)	5600	(1540)	8300	7200
1500 m	1600	(2100)	2500	(1870)	3700	4400	5600	(1940)	6200	(1730)	7500	8000
2000 m	1360	(1890)	2700	(2100)	3200	4900	4900	(1730)	6900	(1950)	6600	8900

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



Depth	Buoyancy		Weight		Buoyancy		Weight		Buoyancy		Weight	
Surface	15400	3700	18500	4300	21500	5000						
250 m	12000	7200	14400	8500	16800	9700						
500 m	11100	8000	13300	9500	15600	10900						
800 m	10600	8500	12700	10100	14900	11600						
1000 m	10400	8800	12500	10400	14500	12000						
1500 m	9400	9800	11300	11500	13200	13300						
2000 m	8300	10900	9900	12900	11600	14900						

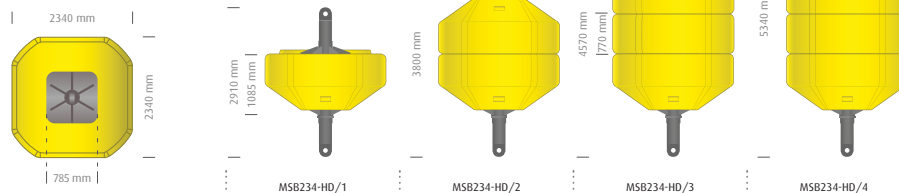
Buoyancy [kgf], weight [kg]. Figures in parentheses are element only – figures in parentheses on configuration MSB234/3 are center element only.

# Modular Support Buoy 234 – Heavy Duty

The MSB 234 series can also be delivered as with a Heavy Duty shell as an option, giving buoys that can survive even more harsh environments and rough handling.

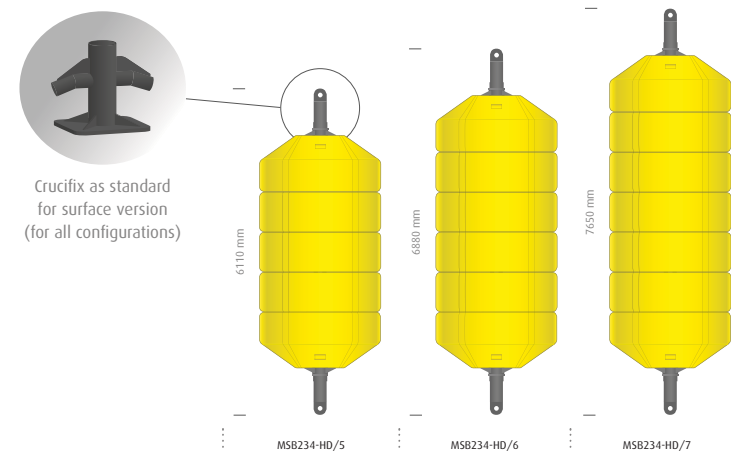
## Benefits

Extremely strong and durable, mechanical properties remains even subzero temperatures, suited for arctic conditions, lower repair frequency and hence operational cost reduction, flexible material – high degree of shock absorption, color durability, environmental protection – reduces spillage of buoyancy core material.



Depth	Buoyancy		Weight		Buoyancy		Weight		Buoyancy		Weight	
Surface	3200	(3700)	1210	(640)	6800	1910	10000	(3300)	2600	(590)	13200	3200
250 m	2400	(2900)	2000	(1420)	5200	3500	7700	(2600)	4800	(1280)	10300	6200
500 m	2200	(2700)	2200	(1620)	4800	3900	7200	(2400)	5400	(1460)	9500	6900
800 m	2100	(2600)	2400	(1740)	4600	4100	6800	(2300)	5800	(1560)	9100	7400

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



Depth	Buoyancy		Weight		Buoyancy		Weight		Buoyancy		Weight	
Surface	16500	3800	19700	4500	22900	5100						
250 m	12800	7500	15300	8800	17800	10200						
500 m	11900	8400	14200	9900	16500	11500						
800 m	11300	9000	13600	10600	15800	12200						

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