



MOORING MODULAR BUOY

FLOATEX manufacture a wide range of mooring- midline buoy.

Buoys are available with bollard, pad eye or swivel, and with combination of several S.W.L., buoyancies and water depths ensuring Floatex to offer a complete range solutions to satisfy all client's requirements.

GENERAL DESCRIPTION

Outer shell of the buoy:

Floating modules made in UV-stabilized linear virgin polyethylene.

The Polyethylene used in the manufacturing process is completely recyclable (Eco-Friendly), it's fully compatible with the marine environment, and has a high resistance to UV rays.

Being linear has the advantage that it can be melted and hence repaired by hot fusion welding.

The colour pigment is moulded-in and consequently not added as a coating ensuring greater life of the color and a big help to the environment as it never requires additional paintings, avoiding toxic dispersions in the water. Floatex polyethylene require a minimal maintenance.

R&D laboratory daily perform test on production samples such as tensile test, hardness test, abrasion test, UV test and Cold temperature test, colour test and other ordinary tests in the aim to ensure the quality and the reliability of Floatex polyethylene.

Inner filling of the buoy:

The modules is filled with closed-cell able to withstand the hydrostatic pressure at OPERATING WATER DEPTH requested.

The polyurethane foam ensure great resistance to the leakage of air or water, ensuring unsinkability to the buoy also in case of accidental breaks of the outer shell. The polyurethane foam is 100% made and tested before production by our R&D laboratory.

Steel hardware:

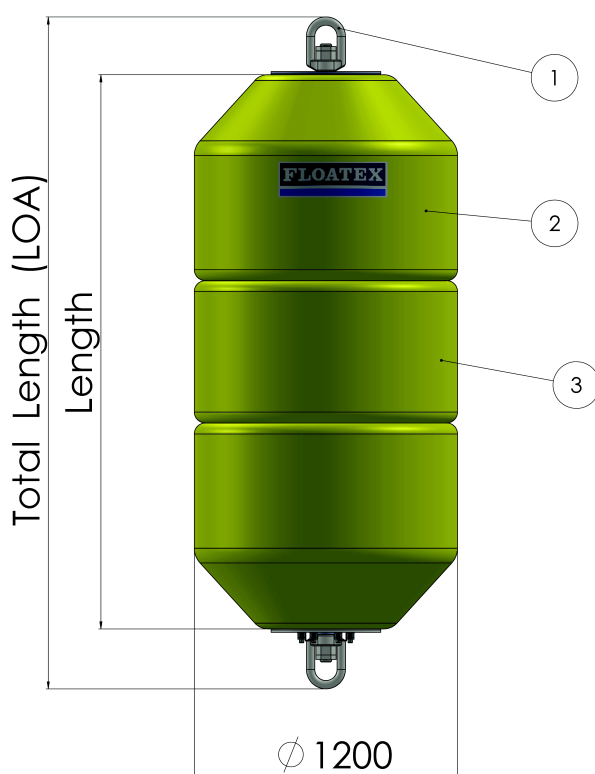
Central steel rod c/w locking plates at both end of the floating module.

BOLLARD, PAD EYE OR SWIVEL EYE at both ends to facilitate the operation of handling and the connection with the chain/rope.

The metal parts are HOT DEEP GALVANISED.

BUOY SERIES MMB-12

SWIVEL



Material List		
Item	Description	Material
1	EYE NUT TYPE S4028 CROSBY OR EQUIVALENT	ZINC SPRAYED FORGED STEEL
2	FLOAT TYPE CON12/9	Shell : ROTOMOULDDED POLYETHYLENE Core : POLYURETHANE FOAM
3	FLOAT CIL 12/6	Shell : ROTOMOULDDED POLYETHYLENE Core : POLYURETHANE FOAM
4	FLOAT TYPE CIL 12/14	Shell : ROTOMOULDDED POLYETHYLENE Core : POLYURETHANE FOAM



MOORING MODULAR BUOYS MMB12-SWIVEL

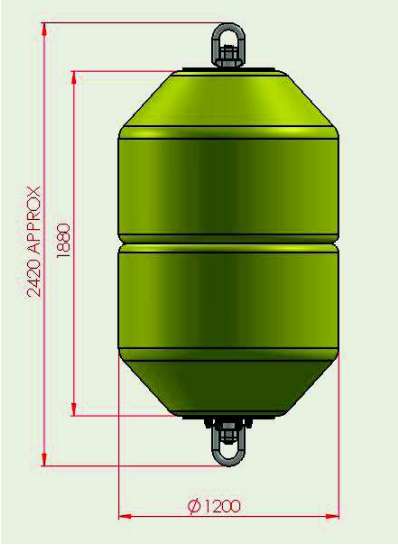
MMB1206			
Water Depth (M)	Weight (Kg)	N.B. (Kg)	S.W.L. (tons)
10	183	526	17
50	251	494	17
110	253	456	17
250	306	403	17
4000	583	126	17

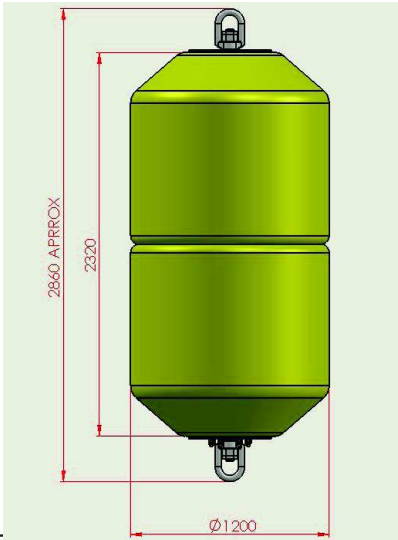
MMB1209			
Water Depth (M)	Weight (Kg)	N.B. (Kg)	S.W.L. (tons)
10	222	637	17
50	261	598	17
110	307	552	17
250	371	488	17
4000	707	152	17

MMB1211			
Water Depth (M)	Weight (Kg)	N.B. (Kg)	S.W.L. (tons)
10	256	884	17
50	308	833	17
110	369	772	17
250	454	686	17
4000	900	241	17

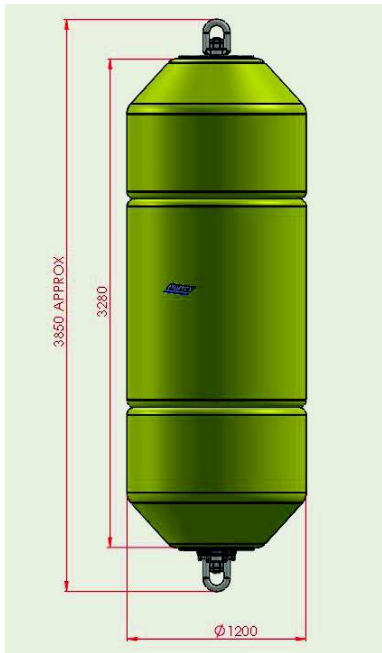
MMB1214			
Water Depth (M)	Weight (Kg)	N.B. (Kg)	S.W.L. (tons)
10	294	1294	17
50	363	1165	17
110	449	1083	17
250	560	968	17
4000	1156	372	17

MOORING MODULAR BUOYS MMB12-SWIVEL

MMB120909			
Water Depth (M)	Weight (Kg)	N.B. (Kg)	S.W.L. (tons)
			
10	345	1373	17
50	426	1295	17
110	515	1203	17
250	643	1075	17
4000	1315	403	17

MMB121111			
Water Depth (M)	Weight (Kg)	N.B. (Kg)	S.W.L. (tons)
			
10	183	526	17
50	251	494	17
110	253	456	17
250	306	403	17
4000	583	126	17

MMB12090609			
Water Depth (M)	Weight (Kg)	N.B. (Kg)	S.W.L. (tons)
			
10	445	1982	17
50	555	1872	17
110	658	1472	17
250	866	1561	17
4000	1815	612	17

MMB12091409			
Water Depth (M)	Weight (Kg)	N.B. (Kg)	S.W.L. (tons)
			
10	543	2703	17
50	690	2556	17
110	868	2382	17
250	1107	2139	17
4000	2375	471	17



MOORING MODULAR BUOYS MMB 12 SWIVEL

MMB12110611			
Water Depth (M)	Weight (Kg)	N.B. (Kg)	S.W.L. (tons)

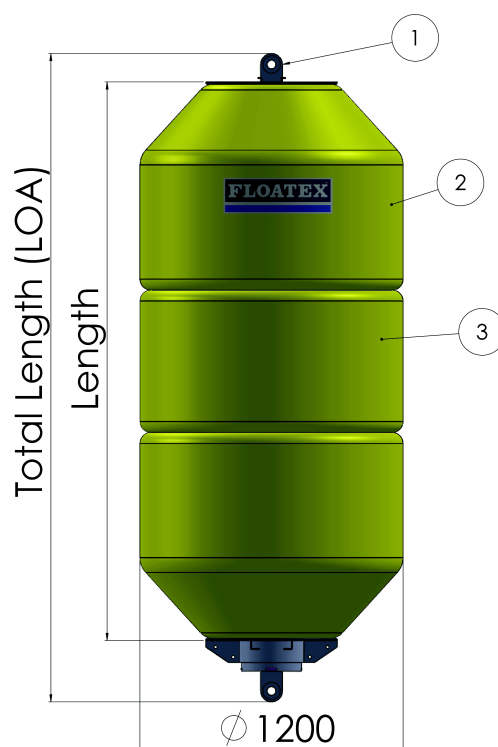
10	504	2485	17
50	640	2351	17
110	800	2191	17
250	1023	1966	17
4000	2192	799	17

MMB12111411			
Water Depth (M)	Weight (Kg)	N.B. (Kg)	S.W.L. (tons)

10	639	3197	17
50	829	3026	17
110	1062	2822	17
250	1369	2535	17
4000	3007	1049	17

BUOY SERIES MMB-12

PAD-EYE



Material List		
Item	Description	Material
1	MOORING EYE	Fe 510 B-UNI-7070-82 or equivalent
2	FLOAT TYPE CON12/9	Shell : ROTOMOULDED POLYETHYLENE Core : POLYURETHANE FOAM
3	FLOAT CIL 12/6	Shell : ROTOMOULDED POLYETHYLENE Core : POLYURETHANE FOAM
4	FLOAT TYPE CIL 12/14	Shell : ROTOMOULDED POLYETHYLENE Core : POLYURETHANE FOAM



MOORING MODULAR BUOYS MMB 12 PAD EYE

MMB1206			
Water Depth (M)	Weight (Kg)	N.B. (Kg)	S.W.L. (tons)
10	153	556	6.5-9.5-12
50	185	524	6.5-9.5-12
110	223	486	6.5-9.5-12
250	276	433	6.5-9.5-12
4000	553	156	6.5-9.5-12

MMB1209			
Water Depth (M)	Weight (Kg)	N.B. (Kg)	S.W.L. (tons)
10	166	693	6.5-9.5-12
50	205	654	6.5-9.5-12
110	251	608	6.5-9.5-12
250	315	544	6.5-9.5-12
4000	651	208	6.5-9.5-12

MMB1211			
Water Depth (M)	Weight (Kg)	N.B. (Kg)	S.W.L. (tons)
10	192	948	6.5-9.5-12
50	244	896	6.5-9.5-12
110	305	835	6.5-9.5-12
250	390	750	6.5-9.5-12
4000	836	305	6.5-9.5-12

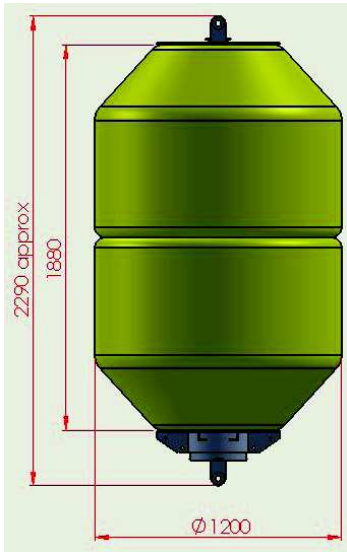
MMB1214			
Water Depth (M)	Weight (Kg)	N.B. (Kg)	S.W.L. (tons)
10	222	1306	6.5-9.5-12
50	291	1237	6.5-9.5-12
110	377	1155	6.5-9.5-12
250	488	1040	6.5-9.5-12
4000	1084	444	6.5-9.5-12

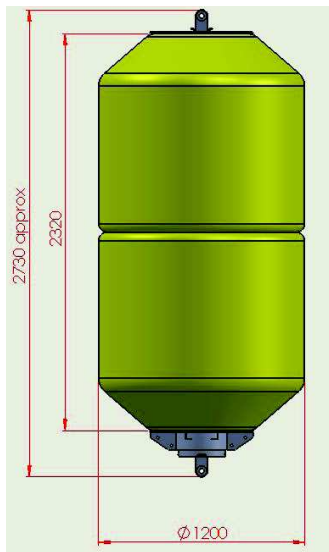
FLOATEX s.r.l.

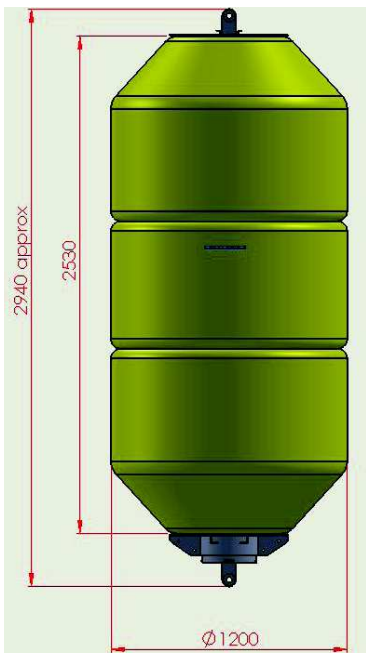
FLOATEX

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MOORING MODULAR BUOYS MMB 12 PAD EYE

MMB120909			
Water Depth (M)	Weight (Kg)	N.B. (Kg)	S.W.L. (tons)
			
10	270	1448	6.5-9.5-12
50	348	1370	6.5-9.5-12
110	440	1278	6.5-9.5-12
250	568	1150	6.5-9.5-12
4000	1240	478	6.5-9.5-12

MMB121111			
Water Depth (M)	Weight (Kg)	N.B. (Kg)	S.W.L. (tons)
			
10	322	1958	6.5-9.5-12
50	426	1854	6.5-9.5-12
110	548	1732	6.5-9.5-12
250	718	1562	6.5-9.5-12
4000	1610	672	6.5-9.5-12

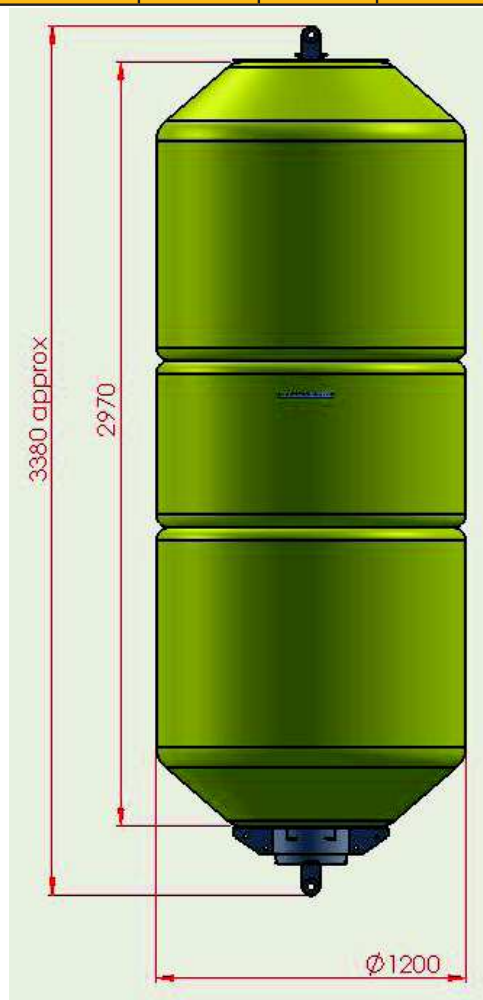
MMB12090609			
Water Depth (M)	Weight (Kg)	N.B. (Kg)	S.W.L. (tons)
			
10	361	2066	6.5-9.5-12
50	471	1956	6.5-9.5-12
110	601	1826	6.5-9.5-12
250	782	1645	6.5-9.5-12
4000	1731	696	6.5-9.5-12

MMB12091409			
Water Depth (M)	Weight (Kg)	N.B. (Kg)	S.W.L. (tons)
			
10	430	2816	6.5-9.5-12
50	577	2669	6.5-9.5-12
110	755	2495	6.5-9.5-12
250	994	2252	6.5-9.5-12
4000	2262	984	6.5-9.5-12



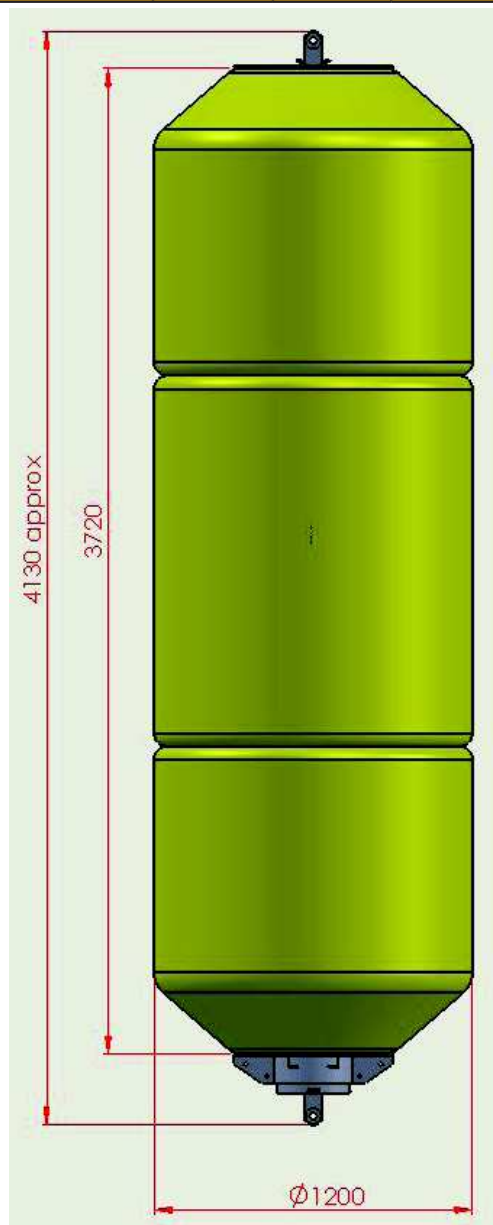
MOORING MODULAR BUOYS MMB 12 PAD EYE

MMB12110611			
Water Depth (M)	Weight (Kg)	N.B. (Kg)	S.W.L. (tons)



10	413	2576	6.5-9.5-12
50	549	2440	6.5-9.5-12
110	709	2280	6.5-9.5-12
250	932	2057	6.5-9.5-12
4000	2101	890	6.5-9.5-12

MMB12111411			
Water Depth (M)	Weight (Kg)	N.B. (Kg)	S.W.L. (tons)



10	482	3326	6.5-9.5-12
50	655	2949	6.5-9.5-12
110	863	2949	6.5-9.5-12
250	1144	2664	6.5-9.5-12
4000	2632	1178	6.5-9.5-12