

## NAVIGATION BUOYS DATA SHEET

### In-Shore Seamless Navigation Buoys 1.2M – 2.0M

PRODUCT REFERENCE	UNITS	1.2M	1.6M	1.8M	1.8M- 2.2FP	2.0M
DIAMETER	mm	1200	1600	1800	1800	2000
HULL HEIGHT	mm	700	700	700	700	1000
DAYMARK HEIGHT	mm	1000	1000	1000	1500	1000
OVERALL ASSEMBLED HEIGHT	mm	3100	3100	3150	3600	3150
DRAFT (WITHOUT MOORINGS)	mm	760	770	750	765	750
FREEBOARD (WITHOUT MOORINGS)	mm	490	480	500	485	500
FREEBOARD (WITH MAX MOORINGS)	mm	310	305	300	300	310
FOCAL PLANE WITH VLB-2 (WITHOUT MOORINGS)	mm	1745	1735	1750	2190	1750
DISPLACEMENT	Kg/Cm	11.2	20	25.4	25.4	31.4
APPROXIMATE WEIGHT	Kg	200	350	400	430	475
GROSS BUOYANCY OF HULL	Kg	740	1300	1630	1630	2020
NETT BUOYANCY OF HULL	Kg	540	950	1230	1200	1545
MAXIMUM MOORING WEIGHT	Kg	200	350	500	470	600
RECOMMENDED CHAIN SIZE	mm	19-28	19-32	19-32	19-32	19-32
RECOMMENDED SINKER (CAST IRON)	Kg	1000	1000	1000	1250	1250
RECOMMENDED OPERATIONAL CONDITIONS		Minor Channels, Harbours and Sheltered water				
HULL/DAYMARK CORE CONSTRUCTION		Closed cell resilient thermolaminated Polyethylene Foam				
HULL/DAYMARK SKIN CONSTRUCTION		Tough and flexible self-colour Polyurethane Elastomer skin with Light stable top coat.				
SKIN THICKNESS	mm	5	7	7	7	8
STEELWORK		Hot dip galvanised finish				
MOORING EYE CONFIGURATION		Bridle or Single Point				
LIFTING EYES		2	2	2	2	2
RADAR REFLECTOR		Echomax EM180				
TOPMARK ASSEMBLY		Aluminium Grade 5083 with a Power-Coated finish - Plate Type				
NON-SLIP DECK		N/A	INCLUDED			
VEGA SELF-CONTAINED LED LIGHT OPTIONS		VLB-2	VLB-2	VLB-2 / VLB-67	VLB-2 / VLB-67	VLB-2 / VLB-67

Note: All values within this document may vary due to material property and dimensional tolerance and operational conditions.