

NAVIGATION BUOYS DATA SHEET

Offshore Navigation Buoys 2.0M - 3.0M

PRODUCT REFERENCE	UNITS	NAV-2.0M	NAV-2.2M	NAV-2.5M	NAV-3.0M
DIAMETER	mm	2000	2200	2500	3000
HULL HEIGHT	mm	1100	1100	1100	1100
DAYMARK HEIGHT	mm	2000	2000	2750	2750
OVERALL ASSEMBLED HEIGHT (EXCLUDING TOPMARK & LIGHT)	mm	4010	4010	4760	4760
DRAFT (WITHOUT MOORINGS)	mm	1270	1225	1275	1220
FREEBOARD (WITHOUT MOORINGS)	mm	605	650	600	655
FREEBOARD (WITH MAX MOORINGS)	mm	370	375	300	360
FOCAL PLANE WITH VLB-36XL (WITHOUT MOORINGS)	mm	3205	3255	3975	4050
DISPLACEMENT	Kg/Cm	29.5	36	46.4	68
APPROXIMATE WEIGHT	Kg	1100	1200	1800	2250
GROSS BUOYANCY OF HULL	Kg	2850	3500	4500	6500
NETT BUOYANCY OF HULL	Kg	1750	2300	2700	4250
MAXIMUM MOORING WEIGHT	Kg	700	1000	1400	2000
RECOMMENDED CHAIN SIZE	mm	32-38	32-38	32-38	32-38
RECOMMENDED SINKER (CAST IRON)	Kg	2500	2500	2500	3000
RECOMMENDED OPERATIONAL CONDITIONS		Major Channels and Open Sea			
HULL CORE CONSTRUCTION		Closed cell resilient thermolaminated Polyethylene Foam			
HULL SKIN CONSTRUCTION		Tough and flexible self-colour Polyurethane Elastomer skin with Light stable top coat.			
SKIN THICKNESS	mm	10	10	12	12
TOWER CONSTRUCTION		Aluminium Grade 5083 with a Powder-Coated Finish			
DAYMARK CONSTRUCTION		Aluminium Grade 5083 with a Powder-Coated Finish			
BASE STEELWORK		Hot dip galvanised finish			
MOORING EYE CONFIGURATION		Bridle			
LIFTING EYES		2	2	2	2
RADAR REFLECTOR		Echomax EM305			
TOPMARK ASSEMBLY		Aluminium Grade 5083 with a Powder-Coated finish - Plate Type			
NON-SLIP DECK		INCLUDED			
SELF-CONTAINED LED LIGHT OPTIONS		SABIK OR VEGA			

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