



PMEB INSHORE ELASTOMER NAVIGATION BUOY

1.2M - 2.0M Navigation Buoy



OVERVIEW

PMEB IALA compliant navigation buoys are available in a range of diameters for both offshore and in-shore applications. Standard navigation buoys 2.0m – 3.0m are recommended for major channels and open seas. Seamless navigation buoys 1.2m – 2.0m are recommended for minor channels, harbours and sheltered waters.

KEY FEATURES

- A high visibility outer skin enhancing safety
- Strong and durable
- Low maintenance
- Virtually unsinkable, therefore maximising service reliability
- Fitted with lifting eyes for ease of installation
- Configured with self-contained LED lights, radar reflector and top mark assembly as required

CONSTRUCTION

- Thermolaminated Closed-Cell Polyethylene (PE) Foam core
- Durable, flexible and abrasion resistant Polyurethane (PU) Elastomer Skin

PERFORMANCE AND PHYSICAL SPECIFICATION

Product Reference	1.2M	1.6M	1.8M	1.8-2.2FP	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 Assembly Height (mm)	3100	3100	3150	3600	3150
Draft without Mooring (mm)	760	770	750	765	750
Freeboard without Mooring (mm)	490	480	500	485	500
Freeboard with Max Mooring (mm)	0	305	300	300	310
Focal Plane with VLB-2 without Mooring	1745	1735	1750	2190	1750
Displacement (kg/cm)	11.2	20	25.4	25.4	31.4
Appropriate Weight	200	350	400	430	475
Gross Buoyancy of Hull (kg)	740	1300	1630	1630	2020
Net Buoyancy of Hull (kg)	540	950	1230	1200	1545
Maximum Mooring Weight (kg)	200	350	500	470	600
Recomended Chain Size (mm)	19-28	19-32	19-32	19-32	19-32
Recomended Sinker (Cast Iron) (kg)	1000	1000	1000	1250	1250
Skin Thickness	5	7	7	7	8
Steelwork	Hot Dip Galvanized Finish				
Mooring Eye Configuration	Bridle or Single Point				
Lifting Eyes	2				
Radar Reflector	Echomax EM180				
Topmak Assembly	Aluminium Grade 5083 With A Powder Coated Finish - Plate Type				
Non-Slip Deck	N/A	Included	Included	N/A	Included

**All values within this table may vary due to material property and dimensional tolerances and operational conditions. Information is based on our standard specifications. Custom specifications are available upon request.*

Pharos Marine Automatic Power, Inc.
Houston, TX - USA
sales@automaticpower.com
Phone: +1-713-228-5208

Pharos Marine Automatic Power
Gray, LA - USA
rleblanc@automaticpower.com
Phone: +1-985-223-8700

Pharos Marine Automatic Power, Ltd.
London, UK
sales@pharosmarine.com
Phone: +44-20-8538-

AB Pharos Marine Pte.
Singapore
sales@pharos-api.com
Phone: +65-6747-9325