



PMEB MEDIUM ELASTOMER MARKER BUOY

0.8m - 1.5m Marker Buoy



OVERVIEW

PMEB design and manufacture a range of IALA compliant marker buoys. There are 10 different configurations available as standard which range from 0.6m – 1.5m diameter. PMEB marker buoys are ideally suited for marinas, lakes, inner harbours and sheltered water locations.

KEY FEATURES

- Lightweight design enables quick and easy transportation and installation
- Low maintenance
- Virtually unsinkable, therefore maximising service reliability
- Highly impact absorbent materials reduces the likelihood of damage to the buoy
- Can be fitted with lifting eyes for ease of installation
- Configured with self-contained LED lights, radar reflector and top mark assembly as required
- Optional customer graphics for enhanced identification

CONSTRUCTION

- The hull / daymark core construction is closed cell rigid expanded polystyrene or resilient thermolaminated polyethylene foam
- The hull / daymark skin construction is a polyurethane elastomer skin as standard
- Can be configured with either a pad eye or through hole for mooring
- All metal work hot dip galvanised
- Options available: Self-contained led lights, radar reflector and top mark

PERFORMANCE AND PHYSICAL SPECIFICATION

Product Reference	PMB-0800-305	PMB-0900-290	PMB-1000-375	PMB-1200-560	PMB-1500-900
Diameter (mm)	800	900	1000	1200	1500
Hull Height (mm)	1100	600	600	600	600
Daymark Height (mm)	N/A	600	600	600	600
Overall Assembly Height (mm)	1250	2000	2000	2000	2000
Draft without Mooring (mm)	380	840	815	800	790
Freeboard without Mooring (mm)	850	460	485	500	510
Freeboard with Max Mooring (mm)	550	255	265	300	340
Focal Plane with VLB-2 without Mooring	970	1340	1365	1380	1390
Displacement (kg/cm)	5	6.3	7.8	11.2	17.6
Appropriate Weight	45	88	92	112	455
Gross Buoyancy of Hull (kg)	350	378	467	672	1055
Net Buoyancy of Hull (kg)	305	290	375	560	900
Maximum Mooring Weight (kg)	150	130	175	225	300
Maximum Chain Size (mm)	19	25	25	25	25
Recomended Sinker (Cast Iron) (kg)	250	250	300	500	500
Skin Thickness	6	6	6	6	6
Steelwork	Hot Dip Galvanized Finish				
Mooring Eye Configuration	Single Point				
Mooring Eye Thickness (mm)	15	20	20	20	20
Mooring Eye Hole Diameter (mm)	25	30	30	30	30
Lifting Eyes	N/A	1	1	1	1
Radar Reflector (Optional)	Echomax EM180	Echomax EM180	Echomax EM180	Echomax EM180	N/A

**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