



PMEB SMALL ELASTOMER MARKER BUOY

0.6m - 0.8m 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-SPHERE600	PMB-SB3	PMB-SB1	PMB-SN1A	PMB-0800-410
Diameter (mm)	600	610	610	610	800
Hull Height (mm)	580	320	610	1200	1100
Daymark Height (mm)	N/A	500	N/A	N/A	N/A
Overall Assembly Height (mm)	680	840	1100	1825	1250
Draft without Mooring (mm)	280	50	485	660	380
Freeboard without Mooring (mm)	500	780	525	1070	850
Freeboard with Max Mooring (mm)	300	620	350	720	550
Focal Plane with VLB-2 without Mooring	N/A	N/A	780	1325	970
Displacement (kg/cm)	N/A	2.8	2.8	2.8	5
Appropriate Weight	10	11	23	37	50
Gross Buoyancy of Hull (kg)	110	91	170	337	460
Net Buoyancy of Hull (kg)	100	80	147	300	410
Maximum Mooring Weight (kg)	40	45	50	100	150
Maximum Chain Size (mm)	19	19	19	19	19
Recomended Sinker (Cast Iron) (kg)	200	200	200	250	250
Skin Thickness	4	3	4	4	6
Steelwork	Hot Dip Galvanized Finish				
Mooring Eye Configuration	Single Point				
Mooring Eye Thickness (mm)	20	N/A	20	20	15
Mooring Eye Hole Diameter (mm)	45	N/A	30	30	25
Lifting Eyes	N/A	N/A	1	1	N/A
Radar Reflector (Optional)	N/A	N/A	N/A	N/A	N/A
Topmak Assembly (Optional)	N/A	N/A	N/A	N/A	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.*

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