

## Buoys

### SERIES BPR / BKR • ROTOMOULDED POLYETHYLENE BUOYS



BPR / BKR series of big-size lighting buoys are designed to be established in exposed open sea.

All materials employed are highly resistant to the most severe marine environmental conditions. Metallic parts are manufactured in hot-dip galvanized steel, which gives them a perfect protection against corrosion. Emerged parts and float have in each case the desired colouration, according to IALA Recommendations.

Materials used in the manufacturing of the float, rotomoulded polyethylene and a core of closed-cell polyurethane foam; provide the buoy with great lightness and excellent mooring capacity.

#### Features

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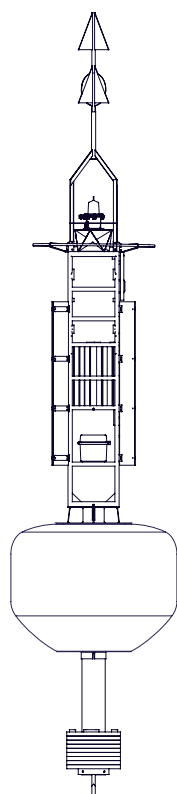
- Core made of polyurethane closed cell.
- Roto-moulded polyethylene skin.
- Special protection against UV colour fading.
- Special rough surface on the float top for easy handling of solar and lighting equipments.
- Superstructure made from hot-dip galvanized steel.
- Excellent mooring capacity.
- Low maintenance.
- Equipped with Radar-Reflector.
- Excellent resistance to collision, virtually unsinkable.
- Top-Mark and colours according to IALA Recommendations.
- Wide range of marine lanterns.
- Painting procedures according to IALA Recommendations.
- Stainless-steel hardware up to M10.
- Dacrometised steel or galvanized steel for bigger hardware.
- All hardware with special anti-creep locknuts.
- Optional day mark.
- Ready for solar power system installations.
- Appropriate mooring set for every location.

## Design configuration

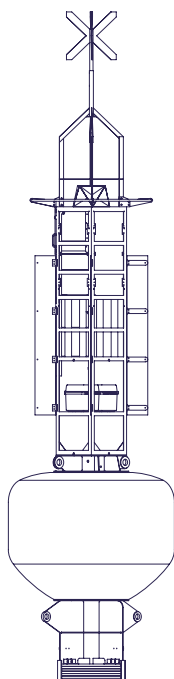
- Tail-tube buoys exhibit maximum stability even in the most severe open-sea locations.
- Skail buoys exhibit easier handling features, as they can stand upright during the maintenance operations onto buoy tender decks and, during the assembly and storage in warehouses and quays.
- During periods of low tide, they can also remain vertically up.
- Float in a single piece of maximum diameter of 2.15 m

Type of bouy	Maximum diameter	Focal height	Float volume	Diameter of recommended chain	Total bouy weight	Mooring capacity	Recommended concrete sinker
BPR/BKR1220	1.24 m	2 m	1m <sup>3</sup>	16 / 26 mm	240 kg	400 kg	1,000 kg
BPR/BKR2040	2.00 m	4 m	4m <sup>3</sup>	22 / 32 mm	1,690 kg	1,500 kg	1,500 kg

These data are just orientative and may change according to different customer specifications.



BPR Tail-Tube Buoy



BKR Skail Buoy

