



MOORING BUOYS

MBM 30



MBM Mooring Buoys are especially designed for mooring big vessels, however they can be used for a wide range of applications such as off-shore prospecting platforms, fuel hose holders, weather stations support, etc.

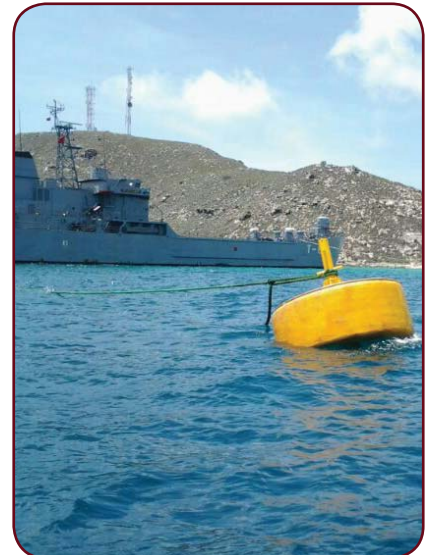
Thanks to their solid construction, they are virtually unsinkable, even against a strong impact. The manufacture process is the same than the one used for vessel mooring fenders in ports, ready to withstand repeated collisions without deforming.

A self-contained signal lantern is integrated inside the buoy structure, thus avoiding possible shocks during mooring works.

Designed according to IALA Recommendations.

FEATURES

- ✓ Float manufactured with closed-cell polyethylene foam sheet (no water absorption) projected with a layer of coloured polyurethane elastomer, high shock resistance.
- ✓ Metallic structure for chain and mooring fixings made from naval steel.
- ✓ High mooring capacity, up to 150 tones.
- ✓ Anti-sliding top float surface, to increase security during mooring and maintenance works.
- ✓ Under customer request, buoys can be supplied with quick-release hook.
- ✓ Protections against abrasion located on the float top and bottom, from stainless steel.
- ✓ The self-contained lantern, with a vertical divergence up to 15°, is visible at a long distance, even when the buoy is tilted as result of the efforts from a vessel.
- ✓ Stainless-steel hardware.
- ✓ Minimum maintenance.
- ✓ Designed according to IALA Recommendations.

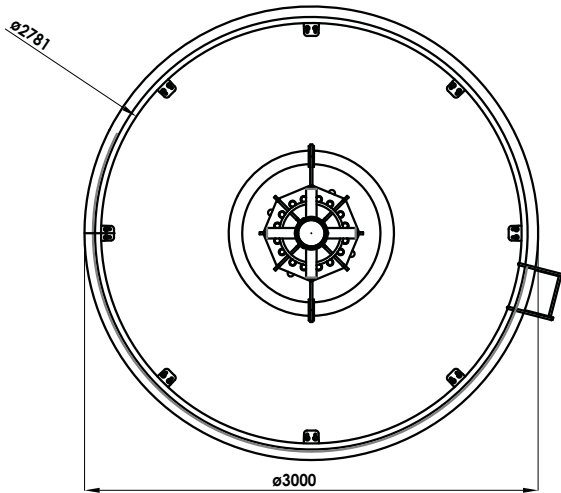
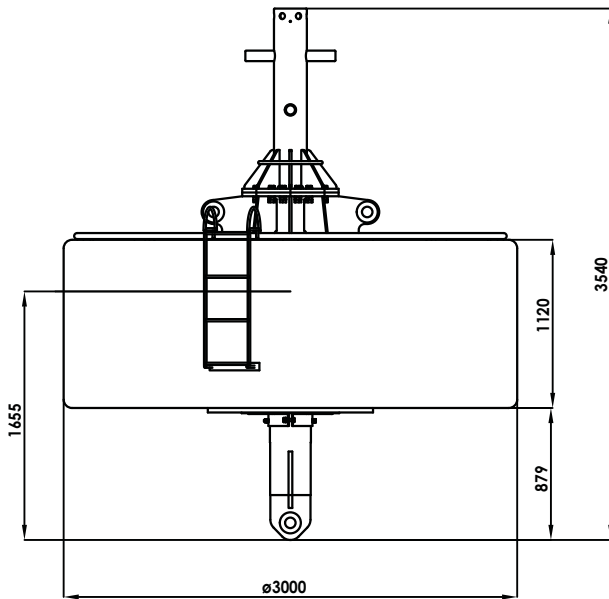


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Specifications subject to change without previous notice.



Top mooring structure

Material:	Naval steel.
Coating:	80 microns hot-dip galvanized. 1 especial primer coat for galvanized surfaces. 2 nos. 80 microns each polyurethane finishing, UV and corrosion resistant.
Lifting eyes:	2 nos.
Hardware:	Stainless steel.

Float

Diameter:	3 metres.
Material:	Closed-cell polyethylene foam sheet.
Coating:	Projected with a layer of coloured polyurethane elastomer, anti UV.
Protection:	AISI 316 stainless-steel cable eye ring.

Tail

Material:	Hot-dip galvanized steel.
Mooring eyes:	1 no.
Protection:	Sacrifice anodes.

Self-contained lantern

Light source:	Ultra-bright LED diode, with high-precision acrylic lens.
Luminous range:	Up to 3 nm (T=0.74) 4 nm (T=0.85).
Colour:	Amber.
Vertical divergence:	Up to 15° (50% Io).
LED average life:	More than 100,000 hours.

Options

Stainless-steel superstructure.
Quick-release hooks up to 150 tones.
Other mooring capacities available under request.

MODEL	FLOAT DIAMETER (*)	FOCAL HEIGHT (*)	FLOAT HEIGHT (*)	TOTAL WEIGHT	MOORING CAPACITY
MBM	3 m	7.5 m ³	1.1 m	1,200 kg	100 Tn

*Other diameters and heights available under request.



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