



ALU

SUPERSTRUCTURE



PE

FLOAT

PBM08

Buoys to be used in shallow waters

These buoys have been especially designed to be used during work periods, danger marking, emergency buoys or in shallow waters.

High-quality rotomoulded polyethylene

They are manufactured from high-quality rotomoulded virgin polyethylene in one piece. Polyethylene includes the necessary pigment that provides the colour.

UV protection

UV filters guarantee a stable colour protection during its whole service life. Reinforcements are included from the floating line to the mooring eye. They are supplied with their corresponding ballast weight and filled with closed-cell expanded polyurethane foam.



Region A

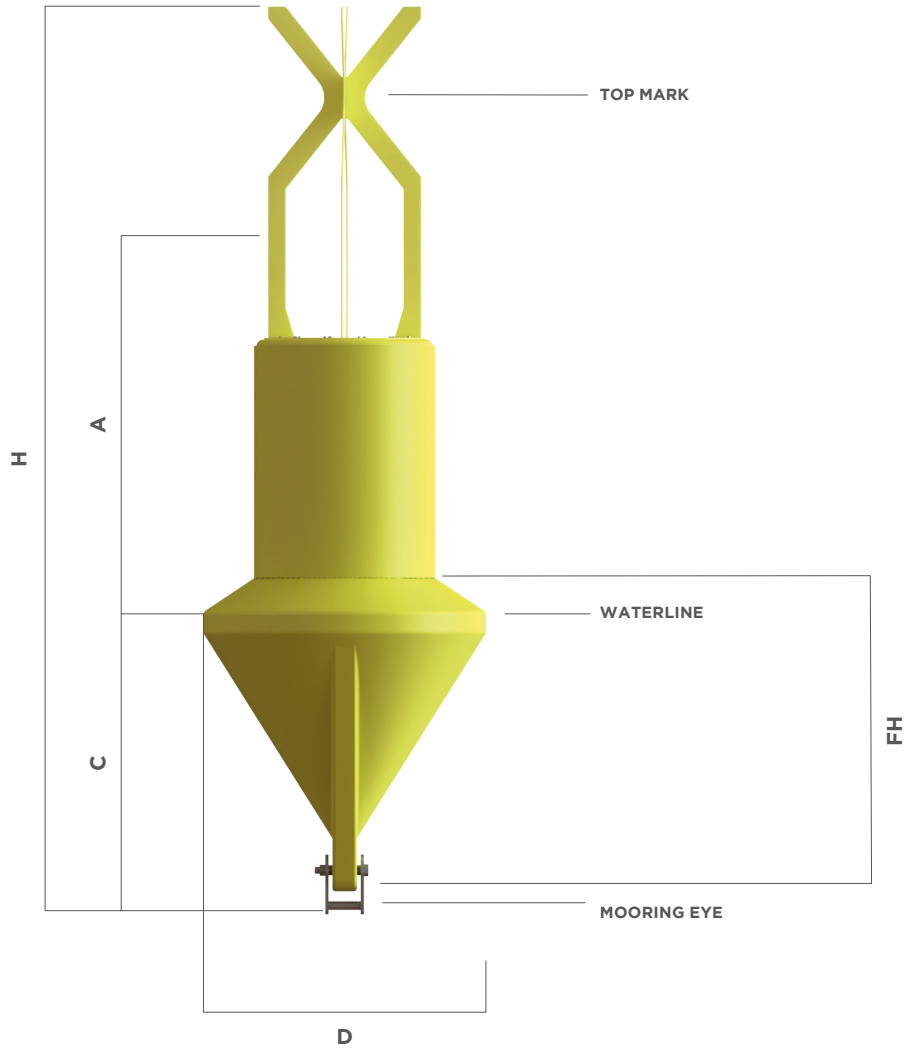
FEATURES

- High-shock resistant rotomoulded polyethylene float, 10mm thickness.
- Float filled with closed-cell expanded polyurethane foam inside.
- Ballast weight integrated for a greater stability.
- Metallic parts from marine aluminium.
- Colour impregnated in the polyethylene.
- Chromaticity according to IALA Recommendations.
- UV protection.
- Compatible with a large variety of self-contained lanterns.
- Day marks as an option, to increase buoy conspicuity at daytime.
- Minimum maintenance.
- Designed according to IALA Recommendations.

PBM08

	(D) Float diameter	(A) Focal Height	(FH) Float Height	(C) Draft	(H) Total height	Float Volume	Total weight	Max. chain
PBM08	0.8 m	1.2 m	1.5 m	0.7 m	2.3 m	0.35 m ³	78 kg	120 kg

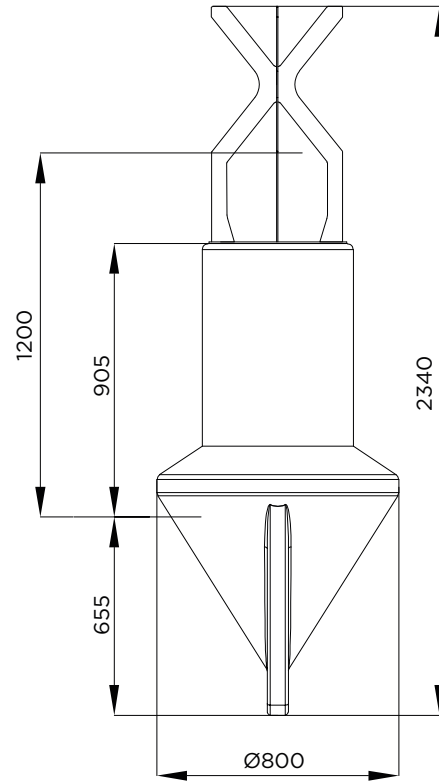
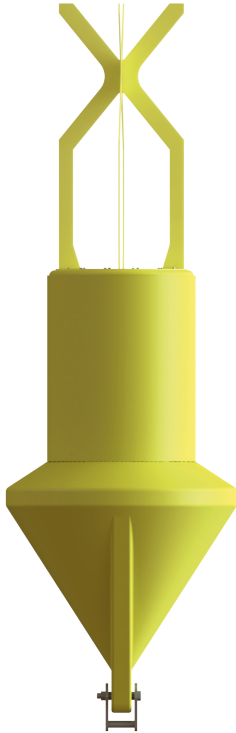
**Other volumes and heights available under request.*



PBM08

■ Versions

PBM08



PBM08

Superstructure

Material:	Marine aluminium.
Recubrimiento:	UV- and corrosion-resistant polyurethane paint.
Marcas de tope:	According to IALA Recommendations.
Tornillería:	Stainless steel.

Float

Diameter:	0.8 metres.
Material:	10 mm thickness rotomoulded polyethylene.
Filling:	Closed-cell expanded polyurethane foam.
Ballast weight:	35 kg internal concrete.
Mooring eye:	1 no.

Options

- Self-contained lanterns.
- Remote control monitoring modules.
- Internal passive radar reflector.
- Other thickness available under request.



Specifications subject to change without previous notice.





INOX.

STRUCTURE



PE

FLOAT

PBM10

Spar Buoy

The PBM10 buoy is a spar buoy specially designed to be installed both in channels, ports and inland waterways

High-quality rotomoulded polyethylene

They are manufactured from high-quality rotomoulded virgin polyethylene in one piece. Polyethylene includes the necessary pigment that provides the colour.

UV protection

UV filters guarantee a stable colour protection during its whole service life. Optionally, they can be supplied with their corresponding ballast weight and filled with closed-cell expanded polyurethane foam or high-density expanded polystyrene filling.



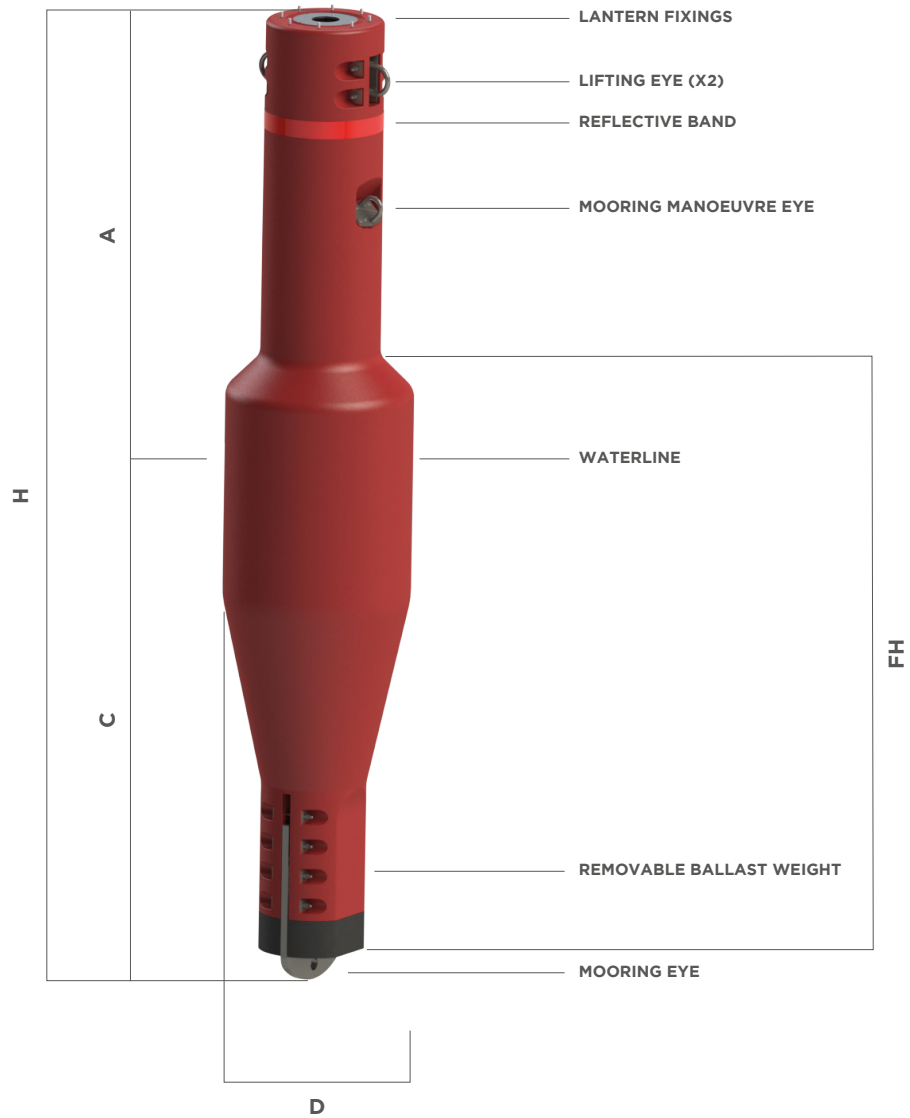
FEATURES

- High-shock resistant rotomoulded polyethylene float, 10mm thickness.
- High-visibility structure to spot the buoy during the day.
- Float filled with closed-cell expanded polyurethane foam inside.
- Colour impregnated in the polyethylene.
- Chromaticity according to IALA Recommendations.
- UV protection.
- Compatible with a large variety of self-contained lanterns, as an option.
- Minimum maintenance.
- Designed according to IALA Recommendations.

PBM10

	(D) Float diameter	(A) Focal Height	(FH) Float Height	(C) Draft	(H) Total height	Float Volume	Total weight	Max. chain
PBM10	1.0 m	3.4 m	2.5 m	2.3 m	5.2 m	1.2 m ³	800 kg	680 kg

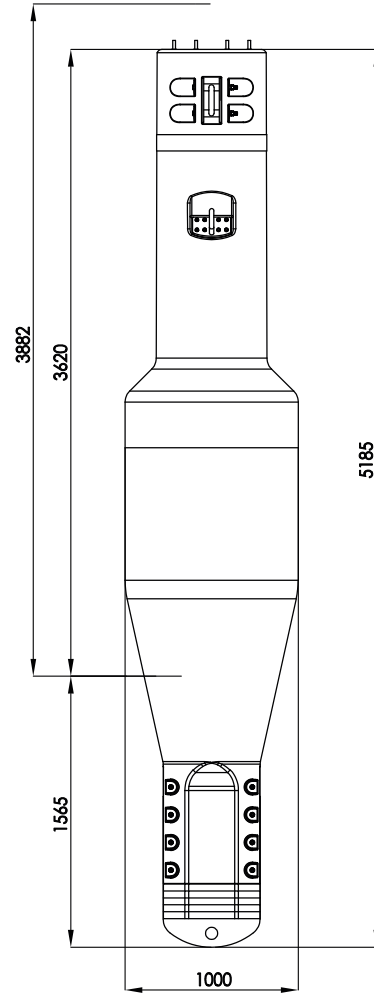
**Other volumes and heights available under request.*



PBM10

■ Versions

PBM10



PBM10

Float

Diameter:	1.0 metres.
Height:	2.5 metres.
Material:	12 mm thickness rotomoulded polyethylene.
Filling:	Closed-cell expanded polyurethane foam.
Lifting eyes:	2 nos.

Tail

Material:	Stainless steel.
Ballast weights:	Treated steel, adjustable.
Mooring eyes:	1 no.

Options

- Self-contained lantern.
- Aluminium or stainless steel top mark.
- High-density expanded polystyrene filling.
- Self-reflective material.
- Internal passive radar reflector.
- Other float volumes available under request.
- Other thickness available under request.



Specifications subject to change without previous notice.





PE

SUPERSTRUCTURE



PE

FLOAT

PBM12

Designed for channels, ports and inland waterways

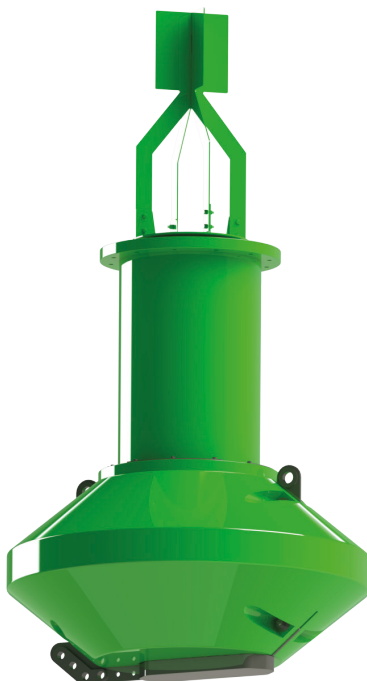
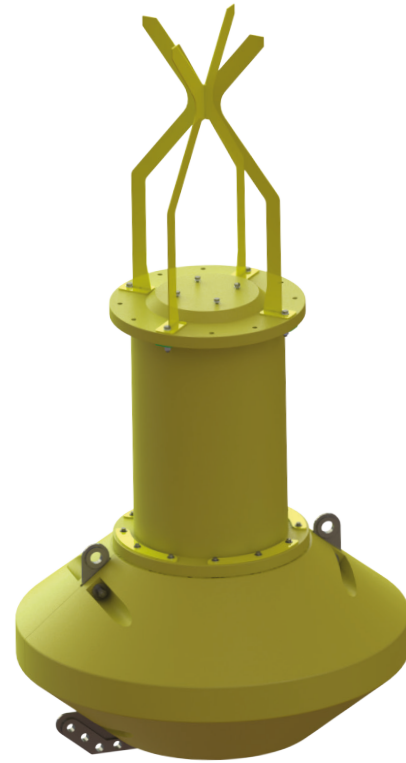
Our PBM12 polyethylene buoys are specially designed to be installed both in channels, ports and inland waterways. These buoys are characterised by their minimum maintenance.

High quality rotomoulded virgin polyethylene

Made from high-quality rotomoulded virgin polyethylene, filled with closed-cell expanded polyurethane foam. Polyethylene includes the necessary pigment that provides the colour.

High-quality and resistant materials

UV filters guarantee a stable colour protection during their whole service life. Manufactured with high-quality and resistant materials, these buoys provide a long service life under harsh marine conditions.



Region B

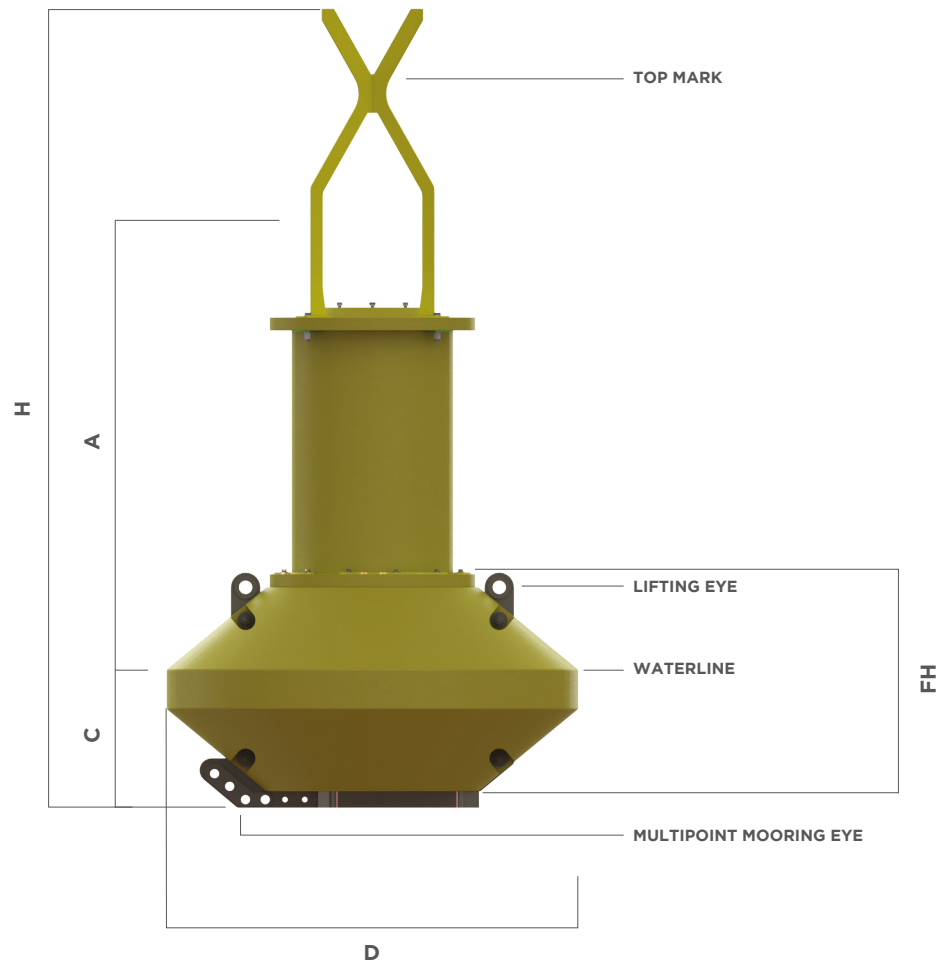
FEATURES

- High-shock resistant rotomoulded polyethylene float, 10 mm thickness.
- High-visibility structure to spot the buoy during the day.
- Float filled with closed-cell expanded polyurethane foam inside.
- Colour impregnated in the polyethylene.
- Chromaticity according to IALA Recommendations.
- UV protection.
- Compatible with a large variety of self-contained lanterns, as an option.
- Minimum maintenance.
- Designed according to IALA Recommendations.

PBM12

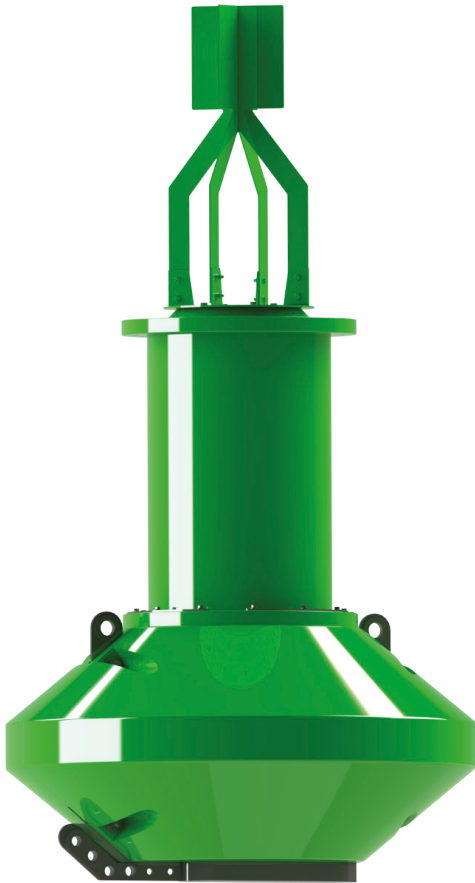
	(D) Float diameter	(A) Focal Height	(FH) Float Height	(C) Draft	(H) Total height	Float Volume	Total weight	Max. chain
PBM12	1.25 m	1.35 m	0.62 m	0.26 m	2.1 m	0.5 m ³	135 kg	245 kg

**Other volumes and heights available under request.*

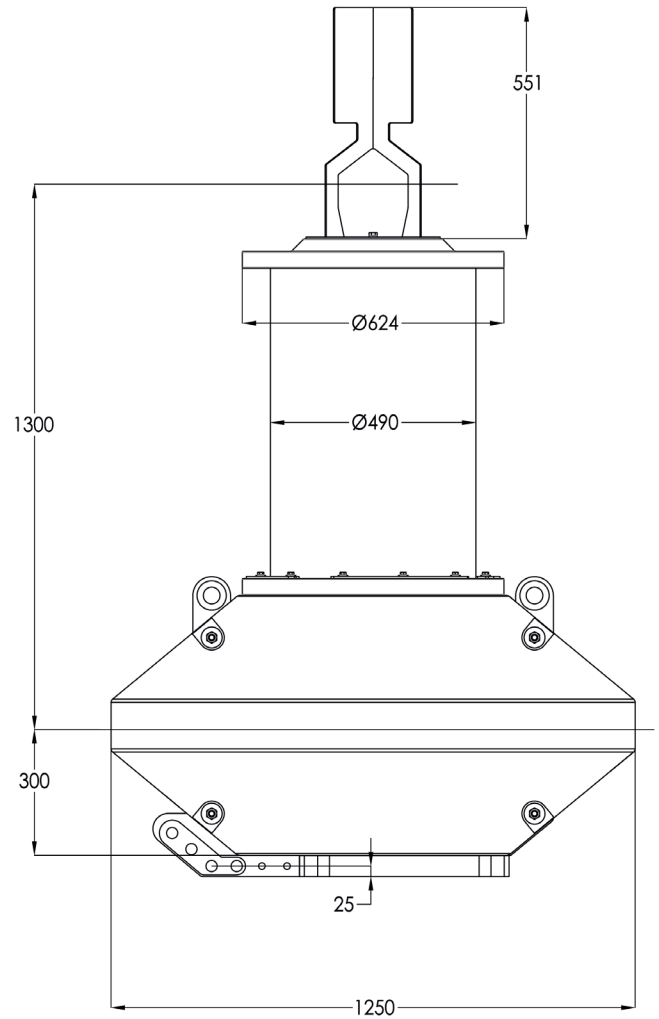


PBM12

■ Versions



Region B



PBM12

■ Superstructure

Material:	8 mm thickness rotomoulded virgin polyethylene.
Top mark:	Marine aluminium.
Lifting eyes:	2 nos.
Hardware:	Stainless steel.

■ Float

Diameter:	1.25 metres.
Material:	10 mm thickness rotomoulded virgin polyethylene.
Filling:	Closed-cell expanded polyurethane foam.

■ Tail

Material:	Galvanised steel.
Ballast weights:	35 kg galvanised steel.
Mooring eye:	6 mooring eyes, adjustable according to marine current conditions.

■ Options

- Internal passive radar reflector.
- Mould-in graphics in all buoys.
- Tail for open-sea waters version (RBM12).
- Other thickness available under request.

! Specifications subject to change without previous notice.





PE

SUPERSTRUCTURE



PE

FLOAT

PBM15

Minimum maintenance

Our PBM15 polyethylene buoys are designed for both sheltered and open-sea waters. These buoys are characterised by their minimum maintenance.

High-quality rotomoulded virgin polyethylene

Made from high-quality rotomoulded virgin polyethylene, filled with closed-cell expanded polyurethane foam. Polyethylene includes the necessary pigment that provides the colour. UV filters guarantee a stable colour protection during their whole service life. Reinforcements are included from the floating line to the mooring eye. They have an internal ballast weight for a greater stability. They are supplied with their corresponding ballast weights.

Long service life

Manufactured with high-quality and resistant materials, these buoys provide a long service life under harsh marine conditions.



Region A



Region A

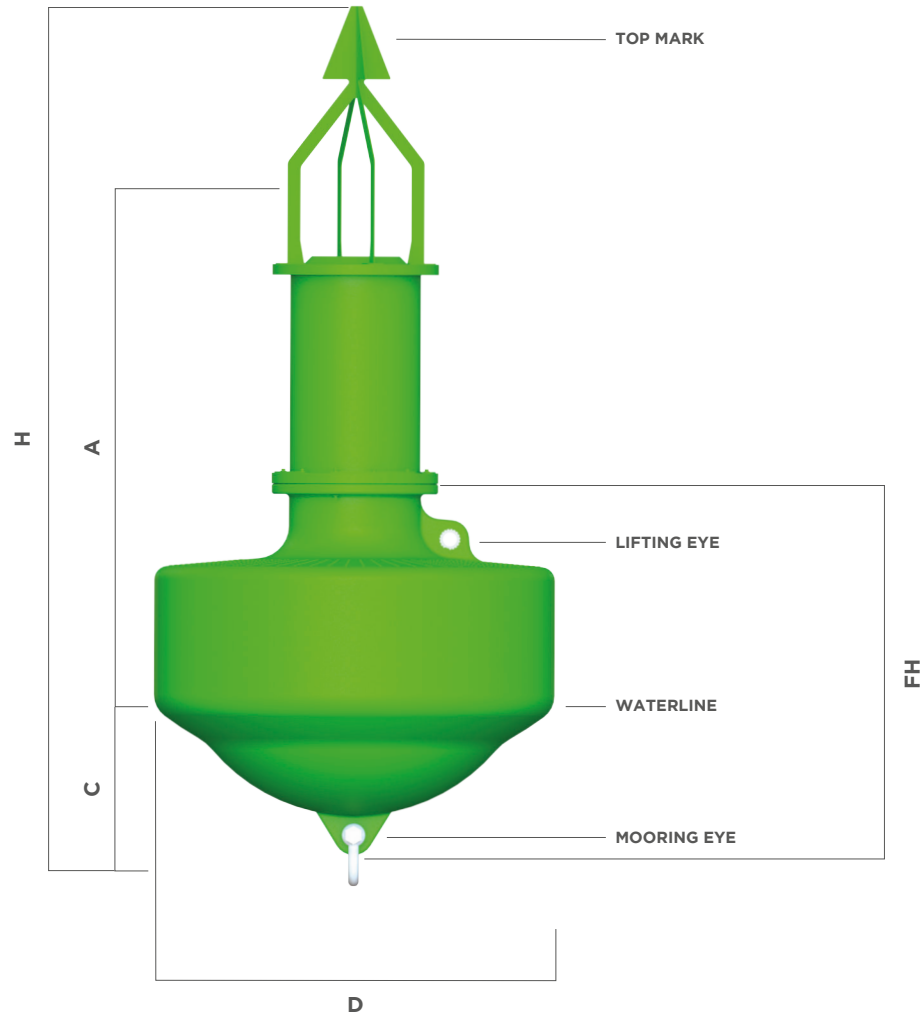
FEATURES

- *Float manufactured with rotomoulded virgin polyethylene, 12 mm thickness. Other thicknesses available under request.*
- *High shock resistance.*
- *Float filled with closed-cell expanded polyurethane foam inside, in order to avoid water absorption.*
- *Possibility of ballast weight integrated for a greater stability.*
- *Metallic parts from marine aluminium.*
- *Colour impregnated in the polyethylene.*
- *Chromaticity according to IALA Recommendations.*
- *UV protection.*
- *Compatible with a large variety of self-contained and marine LED lanterns.*
- *Top mark to increase buoy conspicuity at daytime.*
- *Minimum maintenance.*
- *Designed according to IALA Recommendations.*

PBM15

	(D) Float diameter	(A) Focal Height	(FH) Float Height	(C) Draft	(H) Total height	Float Volume	Total weight	Max. chain
PBM15-1	1.5 m	2.0 m	1.39 m	0.5 m	3.2 m	1.35 m ³	354 Kg	630 Kg
PBM15-2	1.5 m	2.75 m	1.39 m	0.5 m	4 m	1.35 m ³	370 kg	600 Kg

**Other volumes and heights available under request.*

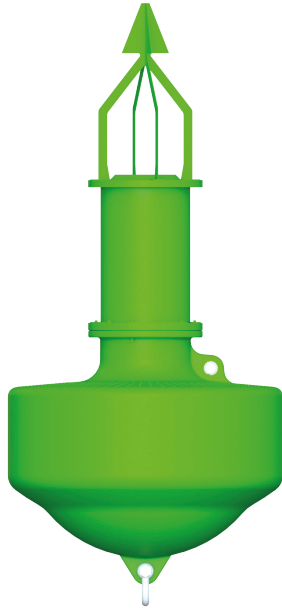


Region A

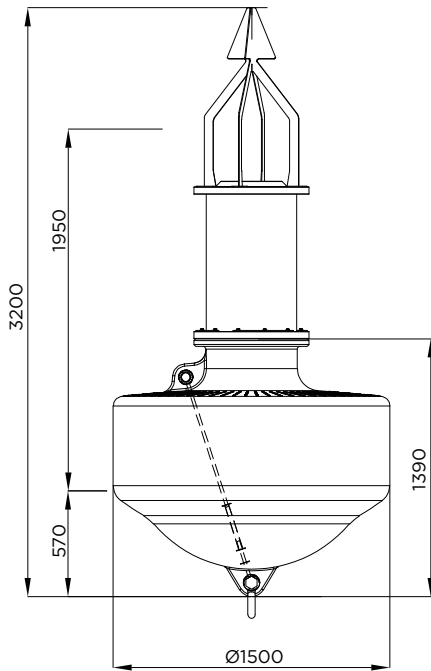
PBM15

■ Versions

PBM15 - 1 LEVEL

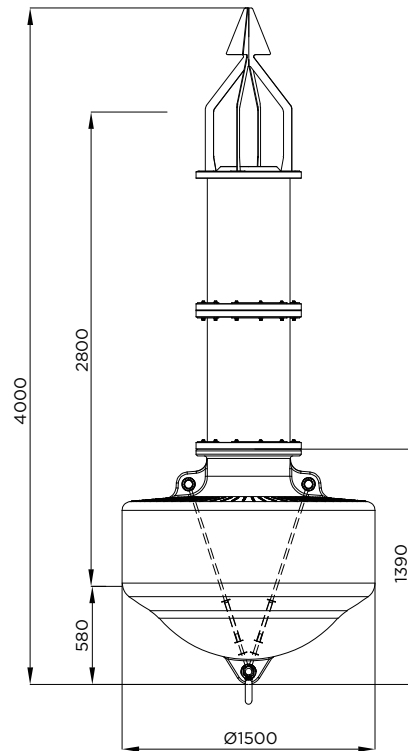


PBM15 - 2 LEVELS



===== Internal metallic reinforcements.

Region A



===== Internal metallic reinforcements.

Region A



PBM15

Superstructure


Material:	8 mm thickness rotomoulded polyethylene.
Top mark:	Aluminio marino.
Radar reflector:	10 m ² (X Band), optional.
Lifting eyes:	1 or 2 nos.
Hardware:	Stainless-steel.

Float

Diameter:	1.5 metres.
Material:	12 mm thickness rotomoulded polyethylene.
Filling:	Closed-cell expanded polyurethane foam.
Top Surface:	Anti-sliding.

Options

- High-visibility day marks.
- Passive radar reflectors up to 36 m² RCS available.
- Active radar reflector.
- Other thickness available under request.

 Specifications subject to change without previous notice.





PE

SUPERSTRUCTURE



PE

FLOAT

PBM18

Minimum maintenance

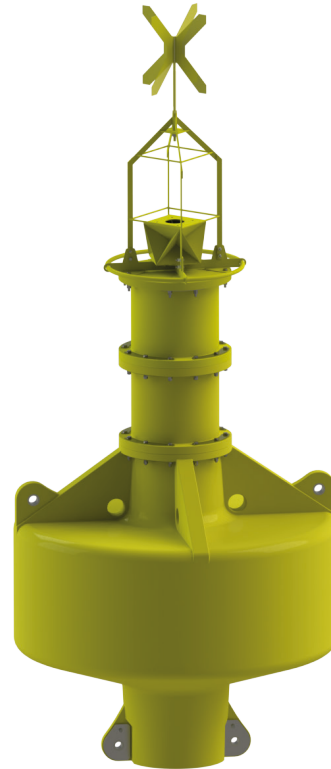
Our PBM18 polyethylene buoys are designed for both sheltered and open-sea waters. These buoys are characterised by their minimum maintenance.

Rotomoulded polyethylene

Made from high-quality rotomoulded virgin polyethylene, filled with closed-cell expanded polyurethane foam. Polyethylene includes the necessary pigment that provides the colour. UV filters guarantee a stable colour protection during their whole service life. Structural reinforcement bars from the mooring eyes to the lifting eyes are included.

Long service life

La calidad y resistencia de los materiales con los que se fabrica proporcionan una larga vida de servicio en condiciones marinas severas.



Region A

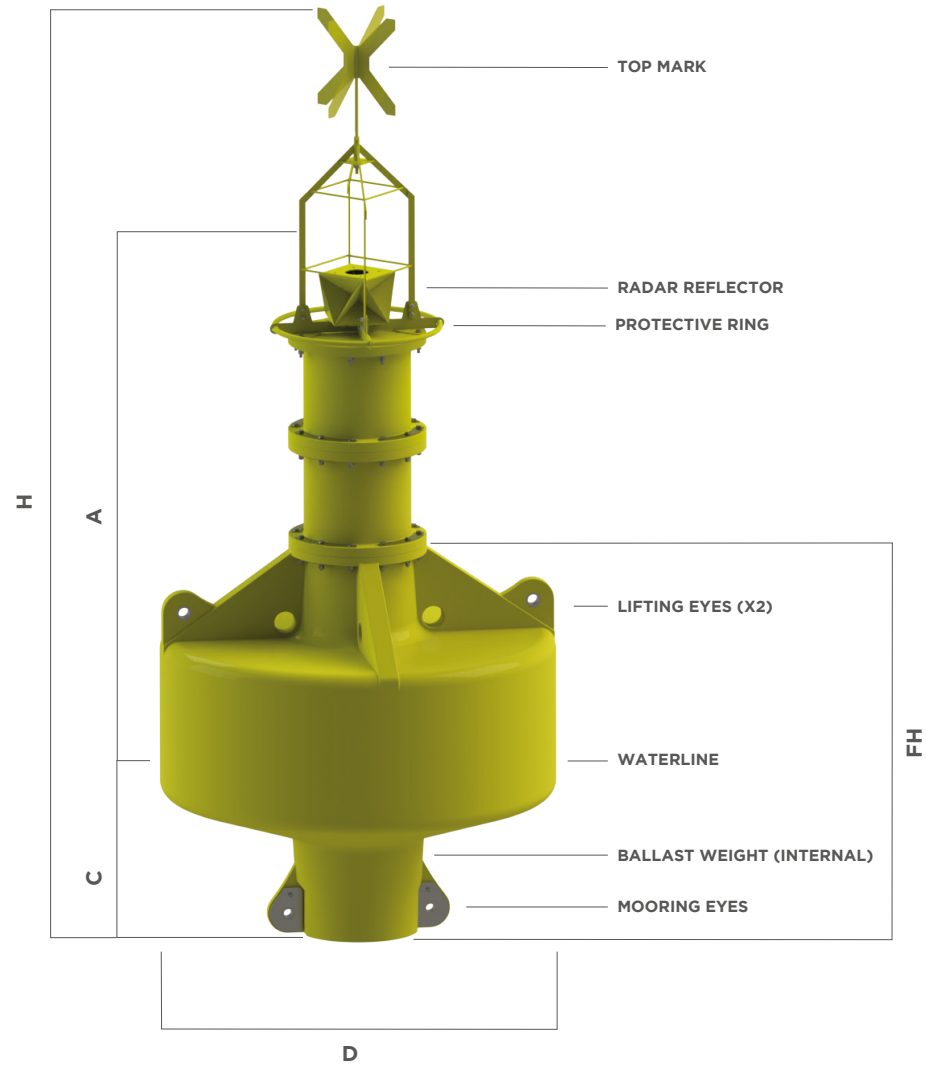
FEATURES

- High-shock resistant float manufactured with rotomoulded virgin polyethylene, 12 mm thickness. Other thicknesses available under request.
- Float filled with closed-cell expanded polyurethane foam, in order to avoid water absorption.
- Possibility of integrated ballast weight for a greater stability.
- Lifting eyes, mooring eyes and accessories from stainless steel.
- Colour impregnated in the polyethylene.
- Chromaticity according to IALA Recommendations.
- UV protection.
- Compatible with a large variety of self-contained and marine LED lanterns.
- Top mark to increase buoy conspicuity at daytime.
- Minimum maintenance.
- Designed according to IALA Recommendations.
- Structural reinforcement bars between mooring eyes and lifting eyes.

PBM18

	(D) Float diameter	(A) Focal Height	(FH) Float Height	(C) Draft	(H) Total height	Float Volume	Total weight	Max. chain
PBM18-1	1.8 m	2.1 m	1.8 m	0.7 m	3.8 m	2.3 m ³	545 Kg	770 Kg
PBM18-2	1.8 m	2.6 m	1.8 m	0.7 m	4.3 m	2.3 m ³	565 Kg	770 Kg
PBM18-3	1.8 m	3.1 m	1.8 m	0.7 m	4.8 m	2.3 m ³	585 Kg	770 Kg

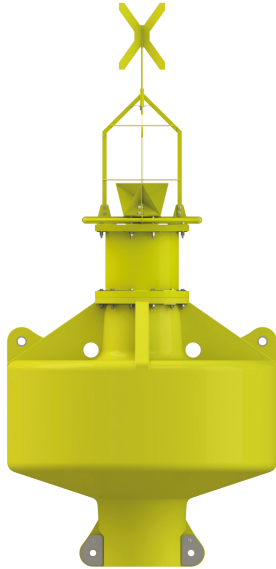
**Other volumes and heights available under request.*



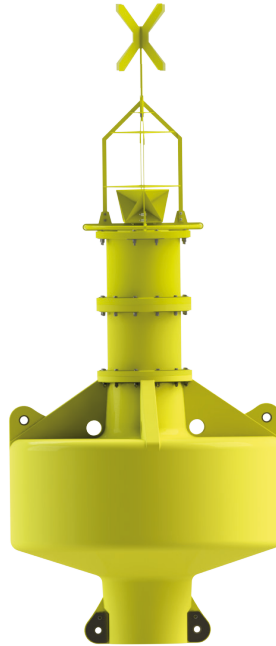
PBM18

Versions

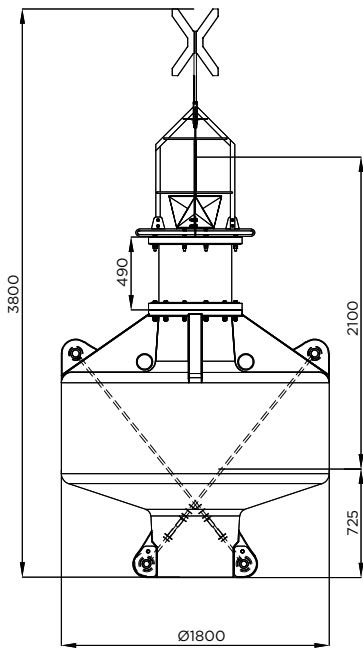
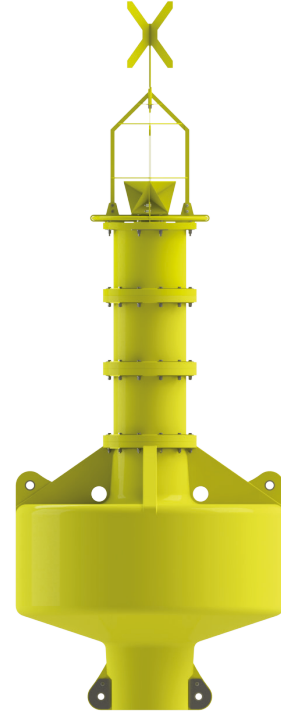
PBM18 - 1 LEVEL



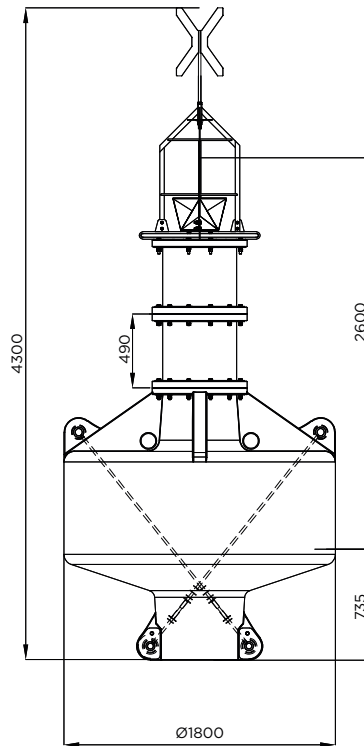
PBM18 - 2 LEVELS



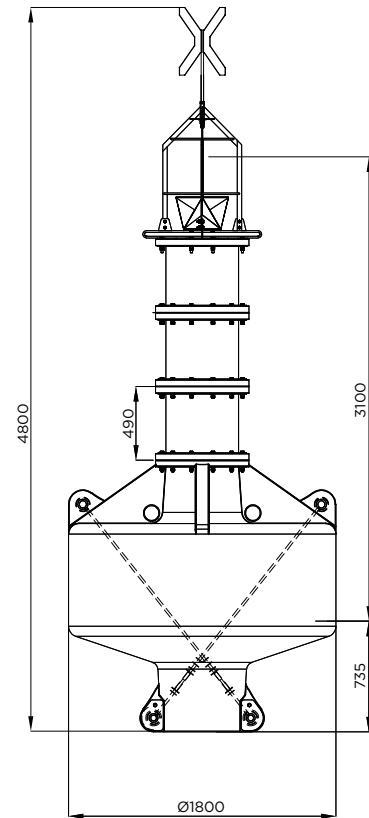
PBM18 - 3 LEVELS



==== Internal metallic reinforcements.



==== Internal metallic reinforcements.



==== Internal metallic reinforcements.

PBM18

Superestructura

Material:	Rotomoulded polyethylene.
Top mark:	Stainless-steel, according to IALA Recommendations.
Radar reflector:	10 m ² (X Band).
Lifting eyes:	2 nos. from stainless-steel.
Hardware:	Stainless-steel.

Float

Diameter:	1.8 metres.
Material:	12 mm thickness rotomoulded polyethylene.
Filling:	Closed-cell expanded polyurethane foam.
Top Surface:	Anti-sliding.
Ballast weight:	Concrete, internal.

Options

- High-visibility day marks.
- Expanded polystyrene float filling.
- Passive radar reflector up to 36 m² RCS available.
- Active radar reflector.
- Other thickness available under request.



Specifications subject to change without previous notice.





PE

SUPERSTRUCTURE



PE

FLOAT

PBM22

Minimum maintenance

Our PBM22 polyethylene buoys are designed for both sheltered and open-sea waters. These buoys are characterised by their minimum maintenance.

Rotomoulded polyethylene

Made from high-quality rotomoulded virgin polyethylene, filled with closed-cell expanded polyurethane foam. Polyethylene includes the necessary pigment that provides the colour. UV filters guarantee a stable colour protection during their whole service life. Structural reinforcement bars from the mooring eyes to the lifting eyes are included.

Long service life

Manufactured with high-quality and resistant materials, these buoys provide a long service life under harsh marine conditions.



Region A



Region A

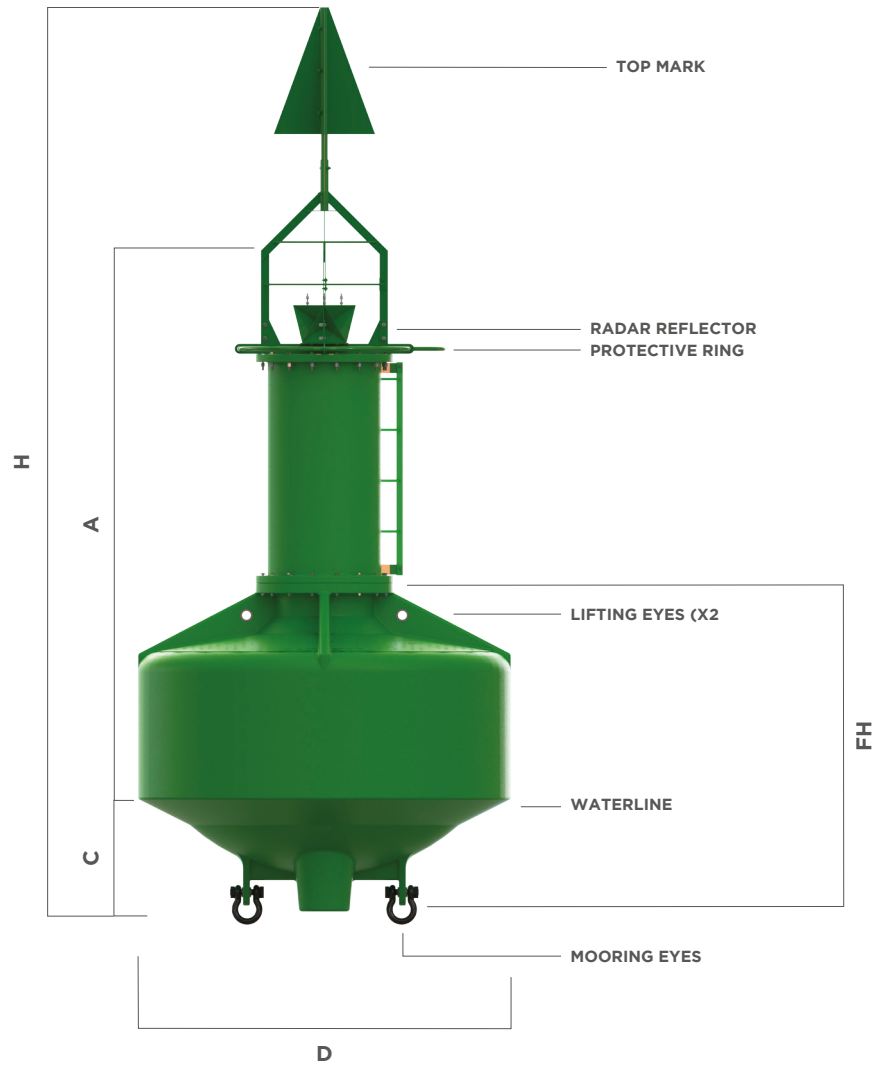
FEATURES

- High-shock resistant float manufactured with rotomoulded virgin polyethylene, 13 mm thickness.
- Float filled with closed-cell expanded polyurethane foam, in order to avoid water absorption.
- Possibility of integrated ballast weight for a greater stability.
- Metallic parts from stainless steel.
- Colour impregnated in the polyethylene.
- Chromaticity according to IALA Recommendations.
- UV protection.
- Compatible with a large variety of self-contained and marine LED lanterns.
- Top mark to increase buoy conspicuity at daytime.
- Minimum maintenance.
- Designed according to IALA Recommendations.

PBM22

	(D) Float diameter	(A) Focal Height	(FH) Float Height	(C) Draft	(H) Total height	Float Volume	Total weight	Max. chain
PBM22	2.2 m	3.2 m	1.9 m	0.7 m	5.3 m	4.3 m ³	890 kg	1480 kg

*Other volumes and heights available under request.



Region A

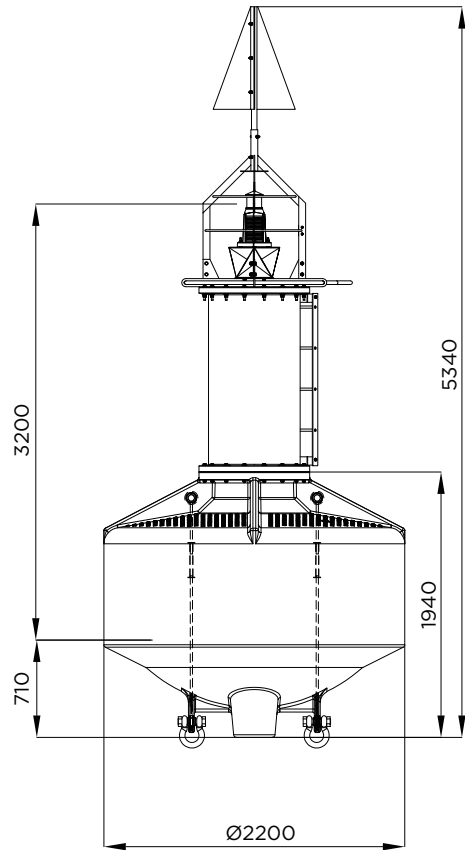
PBM22

■ Versions

PBM22



Region A



==== Internal metallic reinforcements.

PBM22

Superstructure

Material:	Rotomoulded polyethylene.
Day marks:	GRP, optionals.
Top mark:	GRP, according to IALA Recommendations.
Radar reflector:	10 m ² (X Band).
Batteries capacity:	Up to 90 Ah, in watertight cabinet with safety lock.
Lifting eyes:	2 nos.
Hardware:	Stainless-steel.

Float

Diameter:	2.2 metres.
Material:	13 mm thickness rotomoulded polyethylene.
Filling:	Closed-cell expanded polyurethane foam float filling.
Top Surface:	Anti-sliding.

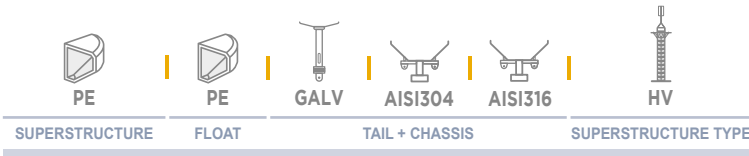
Options

- High-visibility day marks.
- Top marks available in stainless-steel or galvanised steel.
- Passive radar reflector up to 36 m² RCS available.
- Active radar reflector.
- Solar modules capacity.
- Other thickness available under request.



Specifications subject to change without previous notice.





PBM25

Minimum maintenance

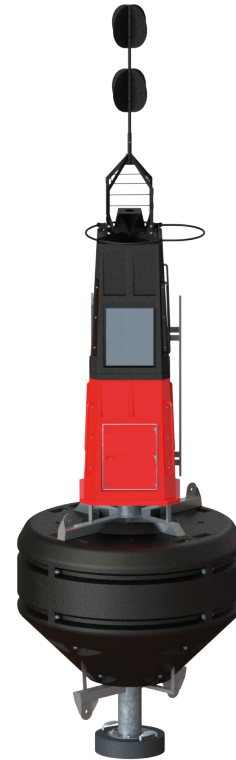
Our PBM25 polyethylene buoys are designed for both sheltered and open-sea waters. These buoys are characterised by their minimum maintenance.

Rotomoulded polyethylene

Made from high-quality rotomoulded virgin polyethylene, filled with closed-cell polystyrene. Polyethylene includes the necessary pigment that provides the colour. UV filters guarantee a stable colour protection during their whole service life. Reinforcements are included from the floating line to the mooring eye. They are supplied with their corresponding ballast weights. They are manufactured of four sections.

Long service life

Manufactured with high-quality and resistant materials, these buoys provide a long service life under harsh marine conditions.



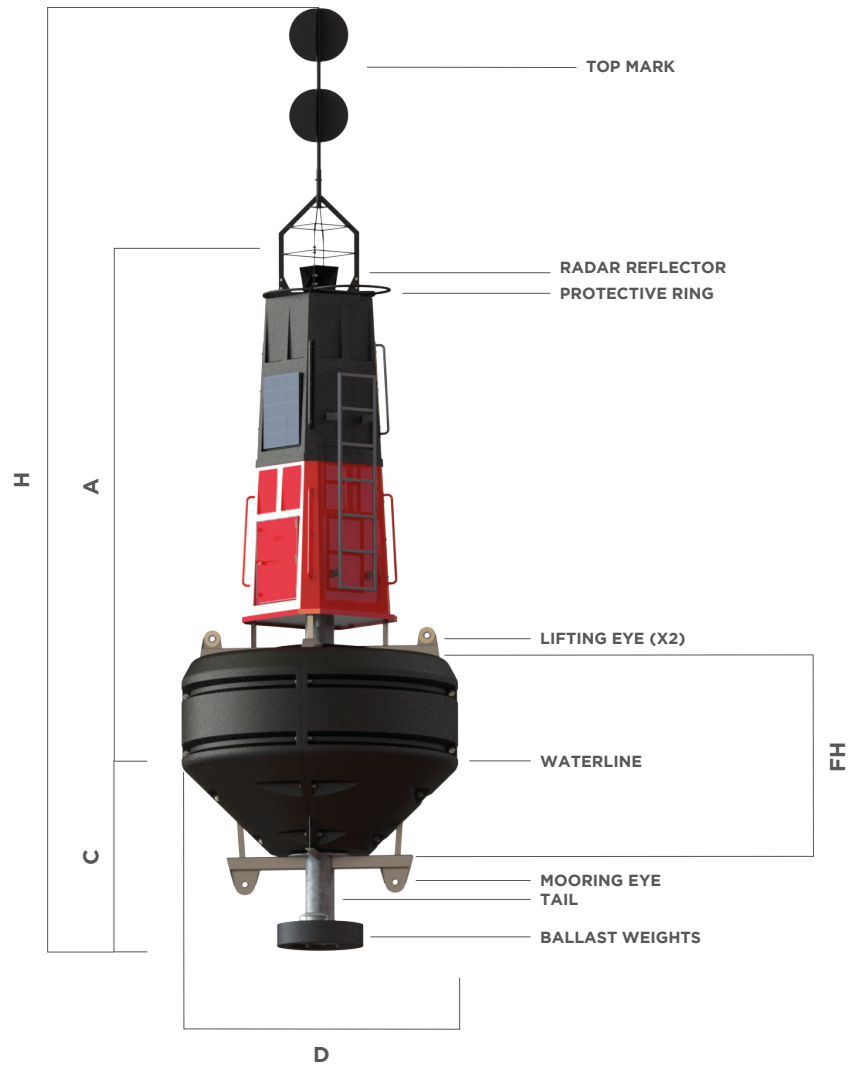
FEATURES

- Float manufactured with rotomoulded virgin polyethylene, 12 mm thickness. The float consists of four modular replaceable sections connected by a cross-shaped stainless-steel frame.
- High-shock resistance.
- Float filled with closed-cell polystyrene, in order to avoid water absorption, pigmented with UV protection color and marine incrustations repellent.
- Detachable ballast weights for a greater stability.
- Metallic parts from stainless-steel or hot-dip galvanised steel.
- This buoy withstands winds of 50 knots maximum and marine currents up to 6 knots.
- Chromaticity according to IALA Recommendations.
- Compatible with a large variety of self-contained and marine LED lanterns.
- Top mark and day marks to increase buoy conspicuity at daytime.
- Minimum maintenance.
- Designed according to IALA Recommendations.

PBM25

	(D) Float diameter	(A) Focal Height	(FH) Float Height	(C) Draft	(H) Total height	Float Volume	Total weight	Max. chain
PBM25	2.55 m	5 m	1.9 m	1.65 m	8.1 m	6.4 m ³	1,750 kg	2,400 kg
PBM25A	2.5 m	4.4 m	1.9 m	3.17 m	9.5 m	6.1 m ³	2,000 kg	2,200 kg
PBM25X	2.55 m	5 m	1.9 m	1.65 m	8.1 m	6.4 m ³	1,750 kg	2,400 kg
PBM25Y	2.55 m	5 m	1.9 m	1.65 m	8.1 m	6.4 m ³	1,750 kg	2,400 kg

*Other volumes and heights available under request.

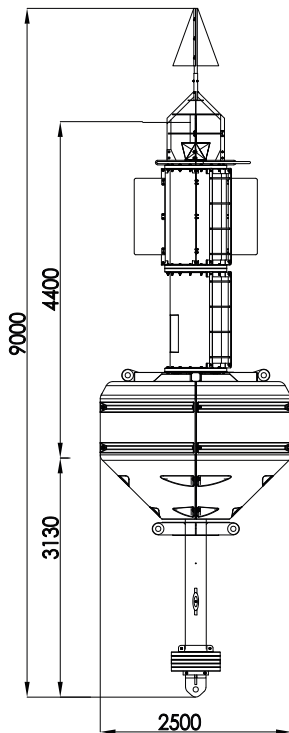
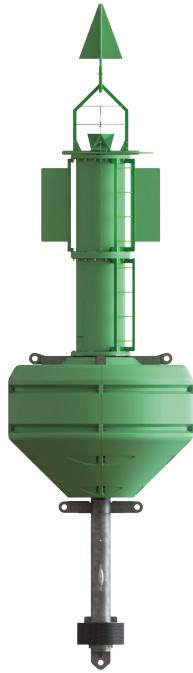


PBM25

PBM25

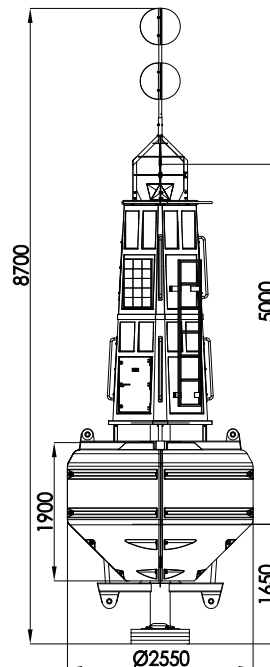
■ Versions

PBM25A



Region A

PBM25 / PBM25X / PBM25Y



PBM25

Superstructure

Material:	8 mm thickness rotomoulded virgin polyethylene (PBM25A). 8 mm thickness rotomoulded virgin polyethylene and AISI 304 or AISI 316 stainless-steel internal structure (PBM25, PBM25X, PBM25Y).
Internal structure coating:	UV and marine environment resistant polyurethane coating (PBM25, PBM25X, PBM25Y).
Top mark:	GRP, according to IALA Recommendations.
Radar reflector:	10 m ² (X Band) aluminium tetrahedron.
Batteries capacity:	Up to 300 Ah for PBM25, PBM25X, PBM25Y versions, and up to 90 Ah for PBM25A version, in a watertight cabinet with safety lock.
Lifting eyes:	2 nos., stainless steel.
Elements:	Access ladder to the lantern and protective ring in AISI 304 or AISI 316 stainless-steel or hot-dip galvanised steel.
Hardware:	Stainless steel.

Float

Diameter:	2.5 metres.
Material:	Rotomoulded virgin polyethylene, 12 mm thickness, 4 modular replaceable sections.
Filling:	Closed-cell polystyrene (15 kg/m ³).
Float sections join:	Cross-shaped stainless-steel or hot-dip galvanised frame.
Fixings:	Bolts on the bottom structure.
Lifting eyes:	2 nos.
Top Surface:	Anti-sliding.

Tail

Material:	Hot-dip galvanised (PBM25A). Hot-dip galvanised steel bridle tail (PBM25). Stainless-steel AISI304 bridle tail (PBM25X). Stainless-steel AISI316 bridle tail (PBM25Y).
Ballast weights:	Treated steel, removable/integrated.
Mooring eyes:	2 nos.
Protection:	Sacrifice anodes.

Options

Passive radar reflector up to 36 m² RCS available.

Active radar reflector.

Top marks available in stainless-steel or hot-dip galvanised steel.


8 mm thickness rotomoulded virgin polyethylene and hot-dip galvanised steel internal structure as an option for PBM25, PBM25X and PBM25Y versions.

Closed-cell expanded polyurethane foam float filling as an option.

Solar modules capacity.

Indicating signs.

Other thickness available under request.

 Specifications subject to change without previous notice.



PE

SUPERSTRUCTURE



PE

FLOAT



PE

TAIL

PBM26A

Minimum maintenance

Our PBM26A polyethylene buoys are designed for both sheltered and open-sea waters. These buoys are characterised by their minimum maintenance.

Rotomoulded polyethylene

Made from high-quality rotomoulded virgin polyethylene, filled with closed-cell polystyrene. Polyethylene includes the necessary pigment that provides the colour. UV filters guarantee a stable colour protection during their whole service life. Reinforcements are included from the floating line to the mooring eye. They have an internal ballast weight for a greater stability. They are supplied with their corresponding ballast weights.

Long service life

Manufactured with high-quality and resistant materials, these buoys provide a long service life under harsh marine conditions.



Region A



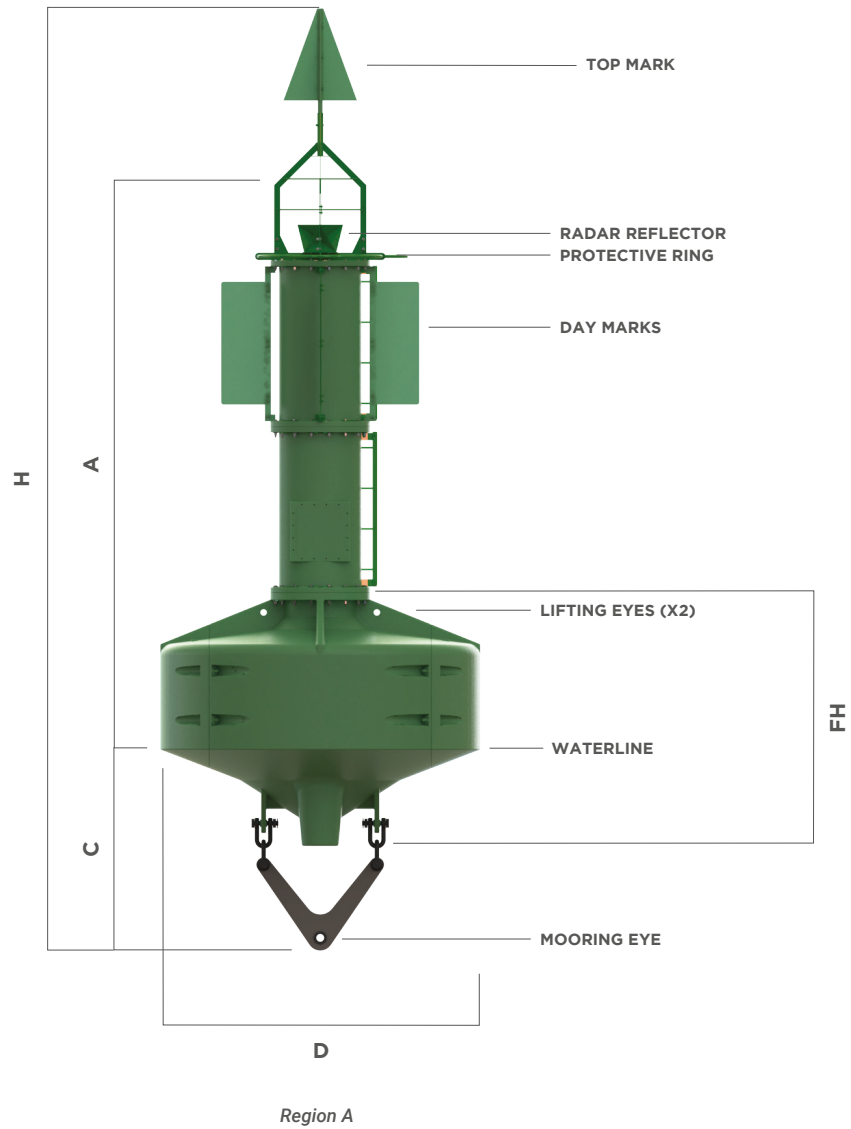
FEATURES

- 12 mm thickness rotomoulded virgin polyethylene float. Three modular replaceable sections.
- High-shock resistance.
- Float filled with closed-cell polystyrene inside, in order to avoid water absorption.
- Integrated ballast weights for a greater stability.
- Colour impregnated in the polyethylene.
- Chromaticity according to IALA Recommendations.
- UV protection.
- Compatible with a large variety of self-contained and marine LED lanterns.
- Top mark to increase buoy conspicuity at daytime.
- Minimum maintenance.
- Designed according to IALA Recommendations.

PBM26A

	(D) Float diameter	(A) Focal Height	(FH) Float Height	(C) Draft	(H) Total height	Float Volume	Total weight	Max. chain
PBM26A-1	2.6 m	3.2 m	2.06 m	0.7 m	6.8 m	6 m ³	1,000 kg	2,000 kg
PBM26A-2	2.6 m	4.5 m	2.06 m	0.7 m	8.5 m	6 m ³	1,040 kg	2,000 kg

**Other volumes and heights available under request.*



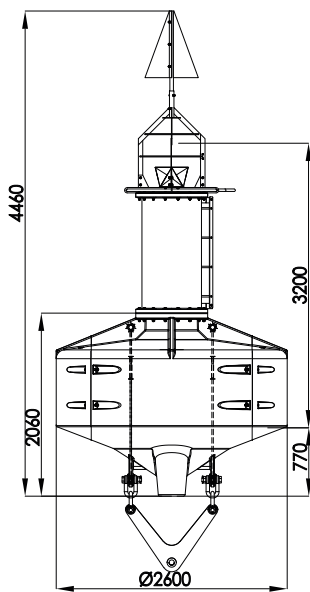
PBM26A

■ Versions

PBM26A - 1 LEVEL

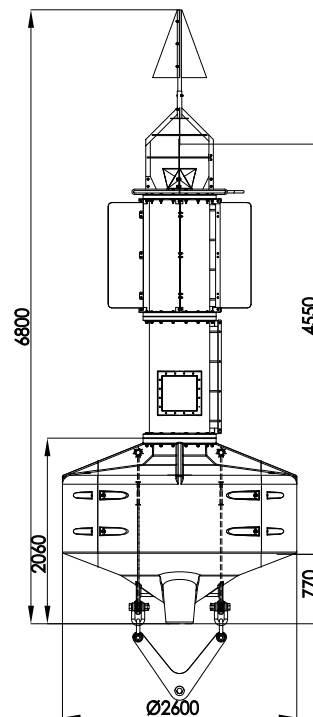


PBM26A - 2 LEVELS



==== Internal metallic reinforcements.

Region A



==== Internal metallic reinforcements.

Region A

PBM26A

Superstructure

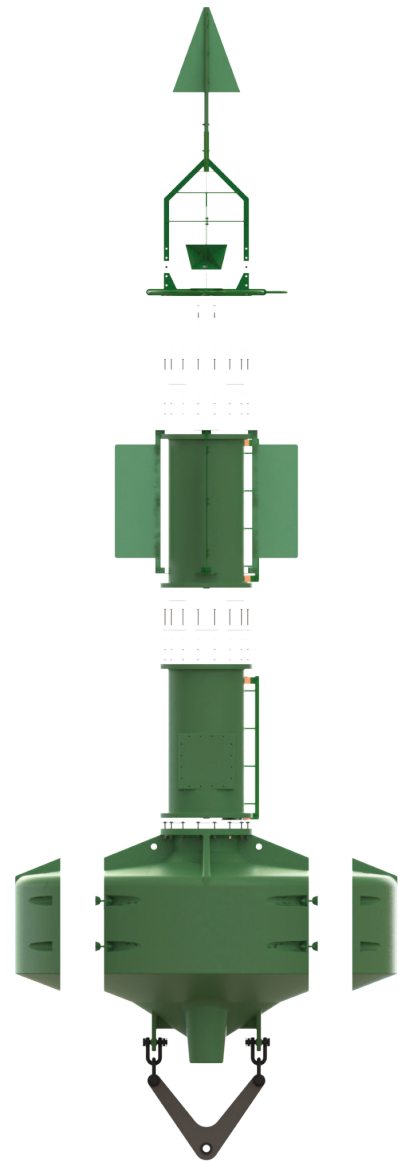
Material:	10 mm thickness rotomoulded virgin polyethylene.
Internal structure coating:	UV and marine environment resistant polyurethane coating.
Top mark:	GRP, according to IALA Recommendations.
Radar reflector:	10 m ² (X Band) tetrahedron.
Batteries capacity:	Up to 90 Ah, in a watertight cabinet with safety lock.
Lifting eyes:	2 nos., AISI 316 stainless steel.
Elements:	Access ladder to the lantern and protective ring in stainless-steel.
Hardware:	Stainless-steel.

Float

Diameter:	2.6 metres.
Material:	Rotomoulded virgin polyethylene. 12 mm thickness, 3 modular replaceable sections.
Filling:	Closed-cell polystyrene (15 kg/m ³).
Float sections join:	Bolts.
Lifting eyes:	2 nos., AISI 316 stainless-steel.
Top Surface:	Anti-sliding.

Options

- High-visibility day marks.
- Top marks available in stainless-steel or hot-dip galvanised steel.
- Passive radar reflector up to 36 m² RCS available.
- Active radar reflector.
- Closed-cell expanded polyurethane foam float filling as an option.
- Solar modules capacity.
- Other thickness available under request.



! Specifications subject to change without previous notice.



PE

SUPERSTRUCTURE



PE

FLOAT



GALV



INOX.

TAIL

PBM30

Minimum maintenance

Our PBM30 polyethylene buoys are designed for both sheltered and open-sea waters. These buoys are characterised by their minimum maintenance.

Rotomoulded polyethylene

Made from high-quality rotomoulded virgin polyethylene, filled with closed-cell polystyrene. Polyethylene includes the necessary pigment that provides the colour. UV filters guarantee a stable colour protection during their whole service life. They are supplied with their corresponding ballast weights. The float is made up of 4 sections.

Long service life

Manufactured with high-quality and resistant materials, these buoys provide a long service life under harsh marine conditions.



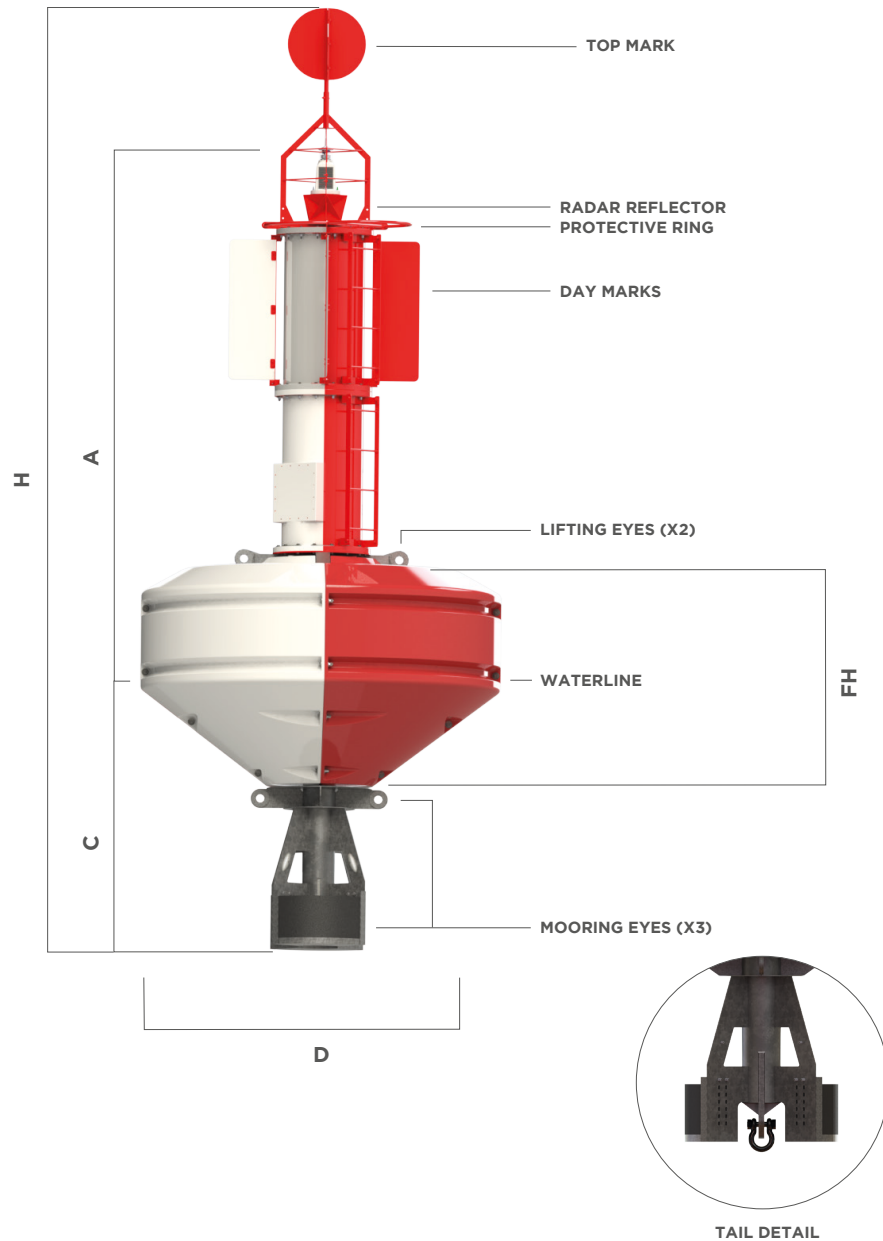
FEATURES

- Float manufactured with rotomoulded virgin polyethylene, 12 mm thickness. The float consists of four modular replaceable sections connected by a metallic frame.
- High-shock resistance.
- Float filled with closed-cell polystyrene inside, in order to avoid water absorption.
- Detachable ballast weights for a greater stability.
- Colour impregnated in the polyethylene.
- Chromaticity according to IALA Recommendations.
- UV protection.
- Compatible with a large variety of self-contained and marine LED lanterns.
- Top mark and to increase buoy conspicuity at daytime.
- Minimum maintenance.
- Designed according to IALA Recommendations.

PBM30

	(D) Float diameter	(A) Focal Height	(FH) Float Height	(C) Draft	(H) Total height	Float Volume	Total weight	Max. chain
PBM30	3.0 m	4.5 m	1.9 m	3 m	7.9 m	8.6 m ³	2,500 kg	2,600 kg

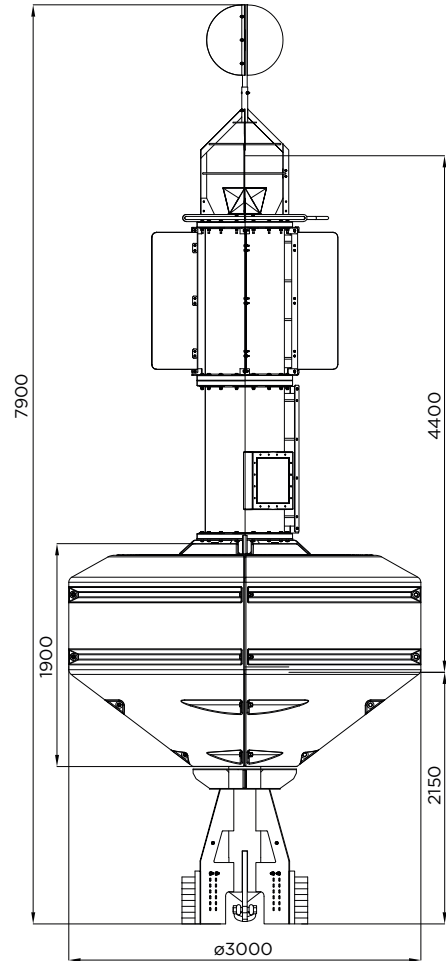
**Other volumes and heights available under request.*



PBM30

■ Versions

PBM30



PBM30

Superstructure

Material:	10 mm thickness rotomoulded virgin polyethylene.
Internal structure coating:	UV and marine environment resistant polyurethane coating.
Top mark:	Stainless-steel, according to IALA Recommendations.
Radar reflector:	10 m ² (X Band) tetrahedron.
Batteries capacity:	Up to 90 Ah, in a watertight cabinet with safety lock.
Lifting eyes:	2 nos., AISI 316 stainless steel.
Elements:	Access ladder to the lantern and protective ring in stainless-steel.
Hardware:	Stainless-steel

Float

Diameter:	3 metres.
Material:	12 mm thickness rotomoulded virgin polyethylene, 4 modular replaceable sections.
Filling:	Closed-cell polystyrene (15 kg/m ³).
Fixings:	Stainless-steel bolts.
Lifting eyes:	2 nos., AISI 316 Stainless-steel.
Top Surface:	Anti-sliding.

Tail

Material:	Hot-dip galvanised (PBM30).
Ballast weights:	Treated steel, removable/integrated.
Mooring eyes:	3 nos.
Protection:	Sacrifice anodes.

Options

- High-visibility day marks.
- Top marks available in stainless-steel or hot-dip galvanised steel.
- Passive radar reflector up to 36 m² RCS available.
- Active radar reflector.
- Closed-cell expanded polyurethane foam float filling as an option.
- Stainless-steel AISI304 bridle tail (PBM30X).
- Stainless-steel AISI316 bridle tail (PBM30Y).
- Solar modules capacity.
- Other float volumes available under request.
- Other thickness available under request.



Specifications subject to change without previous notice.





PE

FLOAT

NBM

Nautical buoys

NBM Nautical Buoys are especially designed for beach buoyage or channels where a temporary marking is required.

Rotomoulded polyethylene in one piece

They are manufactured with rotomoulded virgin polyethylene in one piece. Polyethylene includes the necessary pigment that provides the colour (chromaticity according to IALA Recommendations.). UV filters guarantee a stable colour protection during its whole service life.

Internal reinforcements

Reinforcements are included from the floating line to the mooring eye. They can be filled with closed-cell expanded polyurethane foam under customer request.

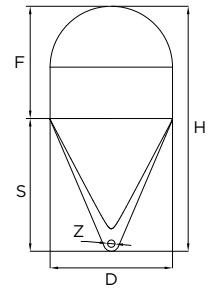


VERSIONS



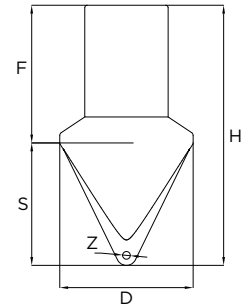
Spherical buoys

	H (mm)	F (mm)	S (mm)	DØ (mm)	ZØ (mm)	Buoyancy (L)
NBM 04-Y	660	315	345	400	38	45
NBM 06-Y	1,100	494	606	600	48	227.5
NBM 08-Y	1,610	745	865	800	48	410



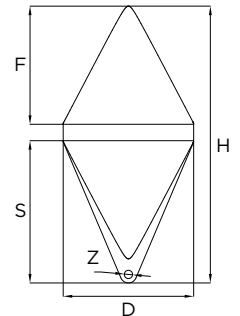
Cylindrical buoys

	H (mm)	F (mm)	S (mm)	DØ (mm)	LØ (mm)	ZØ (mm)	Buoyancy (L)
NBM 04-R	740	377	362	400	250	38	35
NBM 08-R	1,610	960	650	600	500	48	290



Conical buoys

	H (mm)	F (mm)	S (mm)	DØ (mm)	ZØ (mm)	Buoyancy (L)
NBM 04-G	640	277	363	400	38	25
NBM 08-G	1,600	800	800	800	48	200



Colours code

	Y
	R
	G

! Specifications subject to change without previous notice.