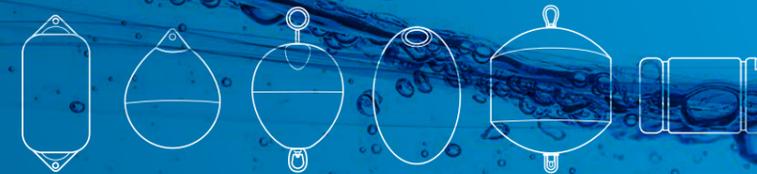


MARINE
EXPORT
DIVISION





MARINE EXPORT DIVISION



Industrias Plásticas CASTRO was established in San Sebastian, Spain in the year of 1.970. The company was innitially created to work for the industrial fishing market and the main products were rigid fishing floats. Products and machinery were gradually developed and improved to meet fishermen's requirements. After several years increasing our range of floats, we also decided to make a big leap and started the production of a small range of inflatable vinyl fenders and buoys. It was in early 80's when our first machinery for rotomolding was constructed. Our innitial ranges were an immediate success in the domestic market.

At the beginning of the 90's, after several years of innovation and development, the company expanded the floats range and started to work overseas markets.

In the new millennium, the company also started to expand the range of marine equipment products (fenders, buoys, tanks) and decided to try and push overseas markets visiting and exhibiting at several boat exhibitions all over the world.

Our long and wide ranging experience in servicing commercial fisheries and marine distributors throughtout the world has given us a great insight into the evolving requirements of the global industry and we have used this knowledge to constantly expand our product line and develop new products engineered to meet their requirements. Our commitment to quality, innovation and competitive pricing has established our company as one of the market leaders in floatation engineering and technology.

We are convinced that you will find what you need to fulfil your expectations in regard to practical use, functionality, endurance and design.

Thank you for choosing our products.

Industrias Plásticas CASTRO

USERS GUIDE

Today, **Industrias Plásticas CASTRO** can offer the widest range of fishing floats, inflatable fenders and buoys, rigid and foam filled buoys, tanks and an extensive range of plastic products for use throughout the marine industry, fishing, aquaculture, harbours, marinas, offshore and gas industry.



12 injection machines from 70 to 600 tons.



4 rotomolding machines up to 2,30 mts of spherical diameter.



Breakage tests of injection ropeholders always performs up to 1 ton of weight.



Latest technology to manufacture our injection parts: ropeholders and valves.

INFLATION

Our products are designed to be inflated from 0,15 to 0,20 bar of pressure at 20° C of temperature. For use under tropical conditions, the pressure has to be reduced 0,05 bar. When inflating products without a pressure gauge, fill them until the wall start to expand and make sure that you are able to depress the wall at least 0,65mm with light hand pressure. Do not over inflate as this will weaken the product. The use of pressure gauge is recommended.

FENDERING

Fenders are made to protect the boat. When deciding on the size and number of fenders, plan for the unexpected toughest weather conditions. Consider extra fenders in addition to the basic needs. Depending on the shape of the hull, weight of the boat, etc., consider a possible mix of cylindrical and spherical fenders to achieve maximum protection.

MOORING

Only the lower swivel underwater shall be used for mooring. The size of the buoy depends on the weight and total load that it will be exposed to. The dimensions of the iron rod and swivel should be chosen in accordance with the size and weight of the boat,

weather conditions, currents and wave height in the area where the mooring is going to be placed. Do not expose the buoy to a load of more than 60% of the total buoyancy. Please also consider additional weight caused by marine growth, currents, wind and waves. Do not over inflate the products. Over inflation will weaken the material, destroy the product intended shape, reduce the lifespan and void all warranty. Please remember to check your mooring for wear and tear at least twice a year.

VALVES

The valves are fitted into every inflatable CASTRO product. During inflation, a small flap at the lower end of the valve ensures no loss of air. Securing the rigid plastic screw will then close the valve.

STORAGE

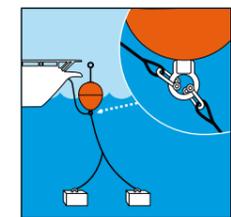
If products are stored for a long period of time, the boxes should be opened and the valves as well. It is also advisable to inflate the products slightly.

CLEANING

Vinyl cleaner, mineral spirit or simply soap and water may be used. Stronger chemicals like Lacquer Thinner or Acetone will harm the products by breaking down the chemical composition.

CORRECT MOORING

Only the lower swivel (under water) shall be used for mooring. Only the lower swivel (under water) shall be used for mooring. Do not expose the buoy to a load of more than 60% of its total buoyancy.



INTERPRETATION OF PICTOGRAMS

-  Leisure
-  Commercial
-  Inshore & Marina
-  Subsea
-  Aquaculture
-  Filled with polyurethane foam.

FENDER GUIDE SIZING

Boat size Feet	Boat size Mts	A-HD	F	G	JP	HAG
- 10'	- 3 mts	A-0HD	F-0	G-1		
11' - 20'	3 - 6 mts	A-1HD	F-1/A F-1 F-2/A	G-2 G-3	JP-1	
21' - 30'	6 - 9 mts	A-2HD A-3HD	F-2/A F-2 F-3	G-4	JP-2	HAG-1 HAG-2
31' - 40'	9 - 12 mts	A-4HD	F-3 F-5	G-5	JP-3	HAG-3
41' - 50'	12 - 15 mts	A-5HD	F-4 F-6			HAG-4
51' - 60'	15 - 18 mts	A-6HD	F-7/A			

Apart from the whole information that you will find inside this new catalogue, it is also available visiting our new website:

www.castrofishing.com

It was designed to be a very useful consultation tool for all our customers.



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**01
FENDERS**




Inflatable heavy duty fenders

F
SERIES



F series cylindrical fenders are offered in 10 different sizes.

FEATURES

- / Materials:
Ropeholders : injected P.V.C.
Body : rotomolded P.V.C.
- / Solid ribbed injection moulded ropehold.
- / Twin eye for vertical or horizontal use.
- / Uniform wall thickness.
- / High abrasion & sun resistance.
- / Smooth surface and glossy finish.
- / Extra flexible body material.
- / Constructed for extreme strenght.
- / Quality plastic valve to secure a perfect seal.
- / Suitable for almost any kind of boat.

Smooth surface and glossy finish.

Ref.	Ø	Circumference	Length	Eye Ø	Buoyancy	Packing
F-0	11,5 cm.	36 cm.	42 cm.	15 mm.	3 kg.	30 pcs.
F-1/A	15 cm.	46 cm.	50 cm.	15 mm.	6,7 kg.	30 pcs.
F-1	15 cm.	46 cm.	61 cm.	15 mm.	8 kg.	25 pcs.
F-2/A	18 cm.	54 cm.	61 cm.	15 mm.	10 kg.	20 pcs.
F-2	22 cm.	68 cm.	62 cm.	25 mm.	13 kg.	15 pcs.
F-3	22 cm.	68 cm.	75 cm.	25 mm.	20 kg.	10 pcs.
F-4	22 cm.	68 cm.	106 cm.	25 mm.	35 kg.	10 pcs.
F-5	30 cm.	95 cm.	77 cm.	25 mm.	45 kg.	15 pcs.
F-6	27 cm.	90 cm.	100 cm.	25 mm.	65 kg.	10 pcs.
F-7/A	38 cm.	120 cm.	125 cm.	35 mm.	120 kg.	8 pcs.

Normal inflation measurements pressure 0,15 bar at approximate 20° C temperature.



Injection ropeholder provides an extreme hardness to the fender.



3 different sizes of injection ropeholders.

Special double plastic valve designed to perfectly fit in the injected ropeholder.



Inflatable fenders

G
SERIES



Inflatable fenders

JP
SERIES



G series cylindrical fenders are offered in 5 different sizes.

FEATURES

- / Material: rotomolded P.V.C.
- / Empty reinforced ropehold.
- / Twin eye for vertical or horizontal use.
- / Molded in just one piece.
- / Uniform wall thickness.
- / High abrasion & sun resistance.
- / Smooth surface and glossy finish.
- / Extra flexible body material.
- / Reinforced ribs along the body.
- / Quality plastic valve to secure a perfect seal.
- / Suitable for small and medium size pleasure boats.

Ref.	Ø	Circumference	Length	Eye Ø	Packing
G-1	9 cm.	28 cm.	33 cm.	9,5 mm.	40 pcs.
G-2	11,5 cm.	36 cm.	40,6 cm.	12,7 mm.	30 pcs.
G-3	14 cm.	44 cm.	50,8 cm.	15,9 mm.	35 pcs.
G-4	16,5 cm.	52 cm.	58,5 cm.	19,1 mm.	20 pcs.
G-5	21,6 cm.	68 cm.	70 cm.	19,1 mm.	15 pcs.

Normal inflation measurements pressure 0,15 bar at approximate 20° C temperature.



JP series cylindrical fenders are offered in 3 different sizes.

FEATURES

- / Material: rotomolded P.V.C.
- / Empty reinforced ropehold.
- / Twin eye for vertical or horizontal use.
- / Molded in just one piece.
- / Uniform wall thickness.
- / High abrasion & sun resistance.
- / Smooth surface and glossy finish.
- / Extra flexible body material.
- / Quality plastic valve to secure a perfect seal.
- / Suitable for small and medium size pleasure boats.

Ref.	Ø	Circumference	Length	Eye Ø	Buoyancy	Packing
JP-1	13 cm.	41 cm.	40 cm.	13 mm.	3 kg.	25 pcs.
JP-2	18 cm.	58 cm.	61 cm.	20 mm.	10 kg.	20 pcs.
JP-3	25 cm.	76 cm.	83 cm.	25 mm.	25 kg.	15 pcs.

Normal inflation measurements pressure 0,15 bar at approximate 20° C temperature.





Inflatable fenders

HAG
SERIES



HAG series cylindrical fenders are offered in 4 different sizes.

FEATURES

- / Material: rotomolded P.V.C.
- / Central hole to use with rope
- / Reinforced ribs along the body.
- / Reinforced tube ends.
- / Molded in just one piece
- / Uniform wall thickness.
- / High abrasion & sun resistance.
- / Smooth surface and glossy finish.
- / Extra flexible body material.
- / Quality plastic valve to secure a perfect seal.
- / Suitable for almost any kind of boat.

Ref.	Ø	Circumference	Length	Hole	Packing
HAG-1	15 cm.	46 cm.	40 cm.	12 mm.	30 pcs.
HAG-2	20 cm.	65 cm.	52 cm.	12 mm.	20 pcs.
HAG-3	25 cm.	76 cm.	70 cm.	12 mm.	15 pcs.
HAG-4	30 cm.	95 cm.	90 cm.	12 mm.	10 pcs.

Normal inflation measurements pressure 0,15 bar at approximate 20° C temperature.



Inflatable fenders

RP
SERIES



RP series cylindrical fenders are offered in 5 different sizes.

FEATURES

- / Material: rotomolded P.V.C.
- / Central hole to use with rope.
- / Plastic cap to choose the diameter of the central hole.
- / Reinforced tube ends.
- / Molded in just one piece.
- / Uniform wall thickness.
- / High abrasion & sun resistance.
- / Smooth surface and glossy finish.
- / Extra flexible body material.
- / Quality plastic valve to secure a perfect seal.
- / Suitable for almost any kind of boat.

Ref.	Ø	Circumference	Length	Hole
RPP-1	28 cm.	92 cm.	43 cm.	25 mm.
RPP-2	28 cm.	92 cm.	110 cm.	45/25 mm.
RPM-1	32 cm.	100 cm.	43 cm.	45/25 mm.
RPG-1	42 cm.	130 cm.	30 cm.	45/25 mm.
RPG-2	42 cm.	130 cm.	70 cm.	45/25 mm.

Normal inflation measurements pressure 0,15 bar at approximate 20° C temperature.



Inflatable dock fenders
BUMPERS

PANTALAN
SERIES



Pantalan series are offered in 1 size but 2 different shapes:

- Right angle.
- C-shape to be mounted on docks with rubber or wooden edge.

FEATURES

- / Material: rotomolded P.V.C.
- / Reinforced and closed holes.
- / Reinforced ribs along the body.
- / Molded in just one piece.
- / High abrasion & sun resistance.
- / Quality plastic valve to secure a perfect seal.
- / Specially constructed to withstand the harshest of environments.
- / Soft enough to cushion your boat from the dock.



PANTALAN-1L



PANTALAN-2C

Ref.	Description	Packing
PANTALAN-1L	Right angle	18 pcs.
PANTALAN-2C	C-shape to be mounted on docks with rubber or wooden edge	18 pcs.

Normal inflation measurements pressure 0,15 bar at approximate 20° C temperature.

○ ● Other colours upon request.

Inflatable bow fenders

NDP
SERIES



FEATURES

- / Material: rotomolded P.V.C.
- / Specially designed for bow protection.
- / 3 Ropeholders.
- / Molded in just one piece.
- / Uniform wall thickness.
- / High abrasion resistance.
- / Smooth surface and glossy finish.
- / Quality plastic valve to secure a perfect seal.
- / Suitable for almost any kind of boat.

NDP series bow fenders are offered in 2 different sizes.

Ref.	Ø	Outside Length	Packing
NDP-1	10,5 cm.	85,5 cm.	17 pcs.
NDP-2	14 cm.	129,5 cm.	16 pcs.

Normal inflation measurements pressure 0,15 bar at approximate 20° C temperature.



Modular flat fenders

DP
SERIES



FEATURES

- / Material: closed cell polyethylene foam
- / Avoid water absorption and punctures.
- / Flat design that keeps them from rolling or riding up.
- / They can be fastened together.
- / Easy storage.

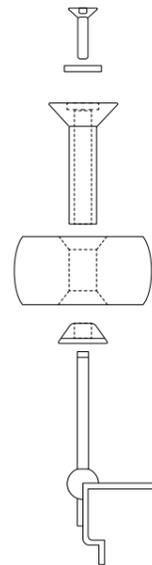
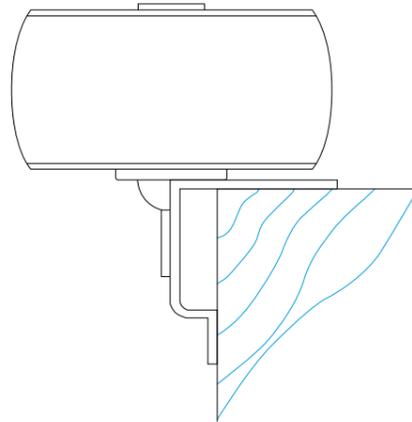
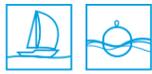
DP flat fenders are offered in 3 different sizes

Ref.	Length	Width	Thickness	Packing
DP-1	50 cm.	30 cm.	5 cm.	21 pcs.
DP-2	65 cm.	30 cm.	7 cm.	12 pcs.
DP-3	95 cm.	30 cm.	7 cm.	8 pcs.



Inflatable
dock wheel

DW
SERIES



FEATURES

- / Materials:
Hardware: hot dipped galvanized steel.
Fender: rotomolded P.V.C.
- / Smooth rolling wheel offer substantial dock cushioning.
- / Heavy duty hardware mounts securely to the dock.
- / Uniform fender wall thickness.
- / High abrasion & sun resistance.
- / Smooth surface and glossy finish.
- / Flexible body material.
- / Constructed for extreme strenght.
- / Suitable for almost any kind of boat.

Ref.	Wheel diameter	Wheel height
DW-1	42 cm.	30 cm.



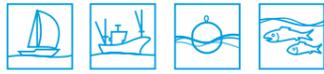
02 BUOYS





Inflatable heavy duty buoys

A-HD SERIES



A-HD series pear shaped buoys are offered in 7 different sizes.

FEATURES

- / Materials:
Ropehold: injected P.V.C.
Body: rotomolded P.V.C.
- / Solid ribbed injection moulded ropehold.
- / Uniform wall thickness.
- / High abrasion & sun resistance.
- / Smooth surface and glossy finish.
- / Extra flexible body material.
- / Constructed for extreme strenght and severe conditions.
- / Quality plastic valve to secure a perfect seal.
- / Useful in a wide variety of maritime sectors.



Injection ropeholder provides an extreme hardness to the buoy.



Special double plastic valve designed to perfectly fit in the injected ropeholder.

2 different sizes of injection ropeholders.



Ref.	Ø	Circumference	Length	Eye Ø	Buoyancy	Packing
A-0HD	20 cm.	70 cm.	27 cm.	25 mm.	6 Kg.	30 pcs.
A-1HD	29 cm.	90 cm.	41 cm.	25 mm.	15 Kg.	20 pcs.
A-2HD	34 cm.	110 cm.	49 cm.	25 mm.	31 Kg.	15 pcs.
A-3HD	46 cm.	144 cm.	57 cm.	25 mm.	56 Kg.	10 pcs.
A-4HD	53 cm.	166 cm.	64 cm.	25 mm.	90 Kg.	10 pcs.
A-5HD	62 cm.	194 cm.	80 cm.	35 mm.	160 Kg.	8 pcs.
A-6HD	85 cm.	267 cm.	100 cm.	35 mm.	326 Kg.	5 pcs.

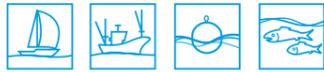
Normal inflation measurements pressure 0,15 bar at approximate 20° C temperature.

Other colours upon request.



Inflatable heavy duty buoys

PA/R SERIES



PA/R series cylindrical buoys are offered in 2 different sizes.



FEATURES

- / Materials:
Ropehold: injected P.V.C.
Body: rotomolded P.V.C.
- / Solid ribbed injection moulded ropehold.
- / Specially designed to reduce drag to the water when picking them up.
- / Uniform wall thickness.
- / High abrasion & sun resistance.
- / Smooth surface and glossy finish.
- / Extra flexible body material.
- / Constructed for extreme strenght and severe conditions.
- / Quality plastic valve to secure a perfect seal.
- / Excellent choice for commercial fishing at inshore and offshore environments.
- / It can also be used as a fender.

Ref.	Ø	Circumference	Length	Eye Ø	Buoyancy	Packing
PA/R-2	32 cm.	98 cm.	60 cm.	25 mm.	32 Kg.	10 pcs.
PA/R-3	41 cm.	125 cm.	76 cm.	25 mm.	57 Kg.	6 pcs.

Normal inflation measurements pressure 0,15 bar at approximate 20° C temperature.



Inflatable pick up buoy

PKB-1 SERIES



FEATURES

- / Materials:
Ropehold: injected P.V.C.
Body: rotomolded P.V.C.
Tube: P.V.C.
- / Solid ribbed injection moulded ropehold.
- / Specially designed to easy pick up from the boat.
- / Uniform wall thickness.
- / Smooth surface and glossy finish.
- / Extra flexible body material.
- / Quality plastic valve to secure a perfect seal.

Ref.	Ø	Buoyancy	Eye Ø	Packing
PKB-1	24,5 cm.	8 kg	25 mm.	15 pcs.

Normal inflation measurements pressure 0,15 bar at approximate 20° C temperature.



Rigid pick up buoy

PKB-2 SERIES



FEATURES

- / Materials:
Rope: nylon.
Body: shockproof polystyrene.
Tube: P.V.C.
- / Specially designed to easy pick up from the boat.
- / Includes a nylon thimble to fit a shackle.

Ref.	Ø	Buoyancy	Packing
PKB-2	24,5 cm.	8 kg	18 pcs.



Approved marker buoys

BICONICAL



FEATURES

- / Materials:
Body: rotomolded polyethylene.
Thimble: brass.
- / Specially designed for beach marking.
- / Molded in just one piece.
- / Uniform wall thickness.
- / Smooth surface.
- / Supplied empty or filled with polyurethane foam.

Ref.	Ø	Total Length	Working Length	Eye Ø	Total Buoyancy	Working Buoyancy	Packing
10614-BS	40 cm.	66 cm.	32 cm.	38 cm.	30 Kg.	14 Kg.	4 pcs.
10618-BS	80 cm.	160 cm.	80 cm.	55 cm.	200 Kg.	100 Kg.	1 pcs.



Supplied empty or filled with polyurethane foam.



Approved marker buoys

CYLINDRICAL



FEATURES

- / Materials:
Body: rotomolded polyethylene.
Thimble: brass.
- / Specially designed for beach marking.
- / Molded in just one piece.
- / Uniform wall thickness.
- / Smooth surface.
- / Supplied empty or filled with polyurethane foam.

Ref.	Ø	Total Length	Working Length	Eye Ø	Total Buoyancy	Working Buoyancy	Packing
10624-BS	25 - 40 cm.	74 cm.	32 cm.	38 cm.	38 Kg.	14 Kg.	4 pcs.
10628-BS	51 - 80 cm.	161 cm.	80 cm.	55 cm.	290 Kg.	110 Kg.	1 pcs.



Supplied empty or filled with polyurethane foam.



Approved marker buoys

SPHERICAL



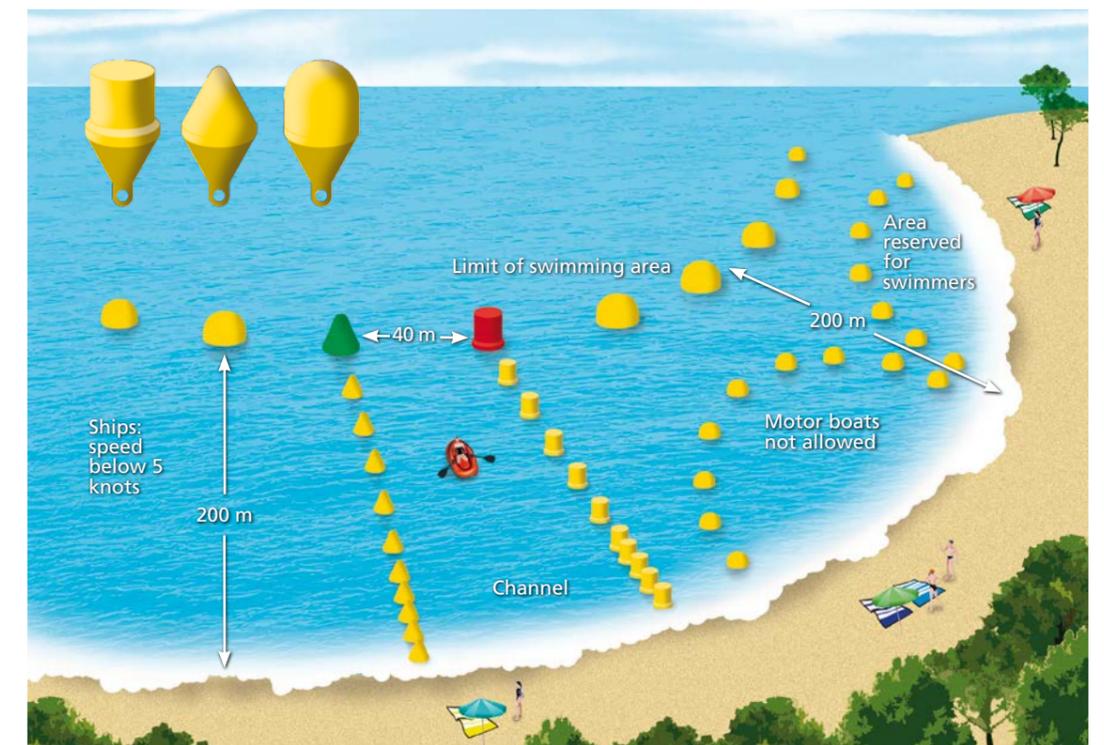
FEATURES

- / Materials:
Body: rotomolded polyethylene.
Thimble: brass.
- / Specially designed for beach marking.
- / Molded in just one piece.
- / Uniform wall thickness.
- / Smooth surface.
- / Supplied empty or filled with polyurethane foam.

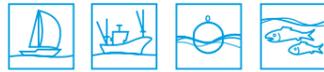
Ref.	Ø	Total Length	Working Length	Eye Ø	Total Buoyancy	Working Buoyancy	Packing
10634-BS	40 cm.	66 cm.	32 cm.	38 cm.	45 Kg.	14 Kg.	4 pcs.
10638-BS	60 cm.	110 cm.	45 cm.	55 cm.	130 Kg.	45 Kg.	1 pcs.
10640-BS	80 cm.	164 cm.	80 cm.	55 cm.	161 Kg.	110 Kg.	1 pcs.



Supplied empty or filled with polyurethane foam.



SPECIAL MARK BUOYS



These buoys are offered in 2 different sizes.

FEATURES

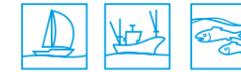
- / Materials:
Body: rotomolded polyethylene.
Bar: aluminium.
Foam: closed cell polyurethane.
Cross: polyethylene.
- / Special mark buoy with st. Andrews cross.
- / Uniform wall thickness.
- / Smooth surface.
- / Filled with closed cell polyurethane foam.
- / Complete buoy ready for immediate installation.
- / Excellent buoyancy and stability.
- / Optionally can be supplied with 1 mile solar light.

Ref.	Ø	Length	Total Length	Total Buoyancy	Working Buoyancy	Bar	Cross length x width
10638-MS	60 cm.	110 cm.	220 cm.	120 cm.	39 Kg.	3 cm.	70 x 9 cm.
10640-MS	80 cm.	164 cm.	270 cm.	148 cm.	103 Kg.	3 cm.	70 x 9 cm.



Inflatable marker buoy

BSK-1 SERIES



FEATURES

- / Material: rotomolded P.V.C.
- / Excellent choice for water ski and boat courses.
- / Molded in just one piece.
- / Uniform wall thickness.
- / Smooth surface and glossy finish.
- / Durable ropehold.
- / Extra flexible body material.
- / Quality plastic valve to secure a perfect seal.

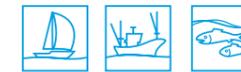
Ref.	Ø	Buoyancy	Eye Ø	Packing
BSK-1	15 cm.	2 kg.	10 mm.	100 pcs.

Normal inflation measurements pressure 0,15 bar at approximate 20° C temperature.



Inflatable marker buoy

BMA-D SERIES



FEATURES

- / Material: rotomolded P.V.C.
- / Excellent choice for water ski and boat courses.
- / Molded in just one piece.
- / Uniform wall thickness.
- / Smooth surface and glossy finish.
- / Durable ropehold.
- / Extra flexible body material.
- / Quality plastic valve to secure a perfect seal.

Ref.	Ø	Buoyancy	Eye Ø	Packing
BMA-D	23 cm.	5 kg.	17 mm.	40 pcs.

Normal inflation measurements pressure 0,15 bar at approximate 20° C temperature.



Inflatable marker buoy

BSK-2
SERIES



FEATURES

- / Material: rotomolded P.V.C.
- / Excellent choice for water ski and boat courses.
- / Molded in just one piece.
- / Uniform wall thickness.
- / Smooth surface and glossy finish.
- / 8 mm central hole to attach the rope.
- / Extra flexible body material.
- / Quality plastic valve to secure a perfect seal.

Ref.	Ø	Lenght	Hole	Buoyancy	Packing
BSK-2	15 cm.	19 cm.	8 mm.	2,5 kg.	50 pcs.

Normal inflation measurements pressure 0,15 bar at approximate 20° C temperature.



Rigid bullet shaped marker buoy

CPAL
SERIES



FEATURES

- / Material: rotomolded polyethylene.
- / Specially designed for marking and mooring.
- / Molded in just one piece.
- / Uniform wall thickness.
- / Smooth surface.
- / Durable ropehold.

Ref.	Ø	Lenght	Hole	Buoyancy	Colour	Packing
CPAL-Na	24 cm.	44 cm.	40 mm.	10 kg.	Oranje	17 pcs.
CPAL-Am	24 cm.	44 cm.	40 mm.	10 kg.	Yellow	17 pcs.



03
MOORING



Rigid marker buoys

BICONICAL



FEATURES

- / Material: rotomolded polyethylene.
- / Specially designed for marking and mooring.
- / Molded in just one piece.
- / Uniform wall thickness.
- / Smooth surface.
- / Durable ropeholds.

Ref.	Ø	Height	Buoyancy	Colour	Packing
IPC-2001	22 cm.	54 cm.	5,5 kg.	Oranje	20 pcs.
IPC-2002	22 cm.	54 cm.	5,5 kg.	Yellow	20 pcs.
IPC-2003	28 cm.	64 cm.	10 kg.	Oranje	10 pcs.
IPC-2004	28 cm.	64 cm.	10 kg.	Yellow	10 pcs.
IPC-2005	32 cm.	75 cm.	24 kg.	Oranje	6 pcs.
IPC-2006	32 cm.	75 cm.	24 kg.	Yellow	6 pcs.
IPC-2007	52 cm.	107 cm.	61 kg.	Oranje	2 pcs.
IPC-2008	52 cm.	107 cm.	61 kg.	Yellow	2 pcs.



These buoys are offered in 4 different sizes.

Rigid marker buoy

PEAR SHAPED



FEATURES

- / Material: rotomolded polyethylene.
- / Specially designed for marking and mooring.
- / Molded in just one piece.
- / Uniform wall thickness.
- / Smooth surface.
- / Durable ropeholds.

Ref.	Ø	Height	Buoyancy	Colour	Packing
IPC-2009	25 cm.	40 cm.	10 kg.	Oranje	20 pcs.
IPC-2010	25 cm.	40 cm.	10 kg.	Yellow	20 pcs.



Multi-purpose center hole buoys

CC-HD SERIES

CCRS SERIES



FEATURES

- / Materials: rotomolded P.V.C.
- / Reinforced flexible center tube.
- / Molded in just one piece.
- / Uniform wall thickness.
- / High abrasion & sun resistance.
- / Smooth surface and glossy finish.
- / Extra flexible body material.
- / Constructed for extreme strenght and severe conditions.
- / Quality plastic valve to secure a perfect seal.
- / Useful in a wide variety of maritime sectors.
- / Supplied empty (CC-HD) or filled with polyurethane foam (CCRS).

CC-HD & CCRS series center hole buoys are offered in 3 different sizes.

Ref.	Ø	Circumference	Length	Eye Ø	Buoyancy	Packing
CC-2HD	43 cm.	135 cm.	44 cm.	52 mm.	31 Kg.	8 pcs.
CC-3HD	52 cm.	164 cm.	55 cm.	52 mm.	59 Kg.	5 pcs.
CC-4HD	60 cm.	180 cm.	65 cm.	52 mm.	110 Kg.	5 pcs.

Normal inflation measurements pressure 0,15 bar at approximate 20° C temperature.



Ref.	Ø	Circumference	Length	Eye Ø	Buoyancy	Packing
CCRS-2	40 cm.	125 cm.	44 cm.	52 mm.	30 Kg.	2 pcs.
CCRS-3	46 cm.	142 cm.	55 cm.	52 mm.	54 Kg.	1 pcs.
CCRS-4	60 cm.	180 cm.	65 cm.	52 mm.	110 Kg.	1 pcs.



Mooring buoys

CCFH
SERIES

CCFR
SERIES



CCFH & CCFR series mooring buoys are offered in 3 different sizes.

FEATURES

- / Materials:
Body: rotomolded P.V.C.
Rod and swivel : hot dipped galvanized steel.
- / 18mm diameter rod. Also include swivel at the lower end.
- / Molded in just one piece.
- / Uniform wall thickness.
- / High abrasion & sun resistance.
- / Smooth surface and glossy finish.
- / Extra flexible body material.
- / Constructed for extreme strenght and severe conditions.
- / Quality plastic valve to secure a perfect seal.
- / Supplied empty (CCFH) or filled with polyurethane foam (CCFR).

Ref.	Ø	Circumference	Length	Total Length	Buoyancy
CCFH-2	43 cm.	135 cm.	44 cm.	87 cm.	27 Kg.
CCFH-3	52 cm.	164 cm.	55 cm.	90 cm.	55 Kg.
CCFH-4	60 cm.	180 cm.	65 cm.	92 cm.	104 Kg.

Normal inflation measurements pressure 0,15 bar at approximate 20° C temperature.



Ref.	Ø	Circumference	Length	Total Length	Buoyancy	Packing
CCFR-2	40 cm.	125 cm.	44 cm.	87 cm.	25 Kg.	2 pcs.
CCFR-3	46 cm.	142 cm.	55 cm.	90 cm.	52 Kg.	1 pcs.
CCFR-4	60 cm.	180 cm.	65 cm.	92 cm.	100 Kg.	1 pcs.



Rigid mooring buoys

CCFN
SERIES



CCFN series mooring buoys are offered in 3 different sizes.

FEATURES

- / Materials:
Body: rotomolded polyethylene.
Rod and swivel: hot dipped galvanized steel.
Foam: closed cell polyurethane.
- / 18mm diameter rod. Also include swivel at the lower end.
- / Molded in just one piece.
- / Uniform wall thickness.
- / Smooth surface.
- / Constructed for extreme strenght and severe conditions.
- / Supplied always filled with polyurethane foam.



Ref.	Ø	Circumference	Length	Total Length	Buoyancy	Packing
CCFN-2	40 cm.	125 cm.	45 cm.	87 cm.	28 kg.	2 pcs.
CCFN-3	46 cm.	142 cm.	55 cm.	90 cm.	56 kg.	1 pcs.
CCFN-4	55 cm.	178 cm.	65 cm.	92 cm.	107 kg.	1 pcs.



Rigid mooring buoys

CCRT
SERIES



FEATURES

- / Materials:
Body: rotomolded polyethylene.
Center hole tube: galvanized steel.
Foam: closed cell polyurethane.
- / Central tube for use with chain (12mm maximum).
- / Uniform wall thickness.
- / Smooth surface.
- / Constructed for extreme strenght and severe conditions.
- / Supplied always filled with polyurethane foam.



Ref.	Ø	Circumference	Length	Total Length	Tube Ø	Buoyancy	Packing
CCRT-4	55 cm.	178 cm.	65 cm.	75 cm.	5 cm.	100 kg.	1 pcs.



Rigid mooring buoys

BMDH
SERIES



BMDH series mooring buoys are offered in 2 different sizes.

FEATURES

- / Materials:
Body: rotomolded polyethylene.
Rod and swivel: hot dipped galvanized steel.
Foam: closed cell polyurethane.
- / 30mm diameter rod. Also include swivel at the lower end.
- / Specially for mooring and marking.
- / Modular design.
- / Molded in just one piece.
- / Uniform wall thickness.
- / Smooth surface.
- / Constructed for extreme strenght and severe conditions.
- / Supplied always filled with polyurethane foam.



Ref.	Ø	Length	Total Length	Buoyancy	Packing
BMDH-250	107 cm.	32 cm.	78 cm.	250 Kg.	1 pcs.
BMDH-500	107 cm.	64 cm.	110 cm.	500 Kg.	1 pcs.



Rigid mooring buoys

BMDT
SERIES



FEATURES

- / Materials:
Body: rotomolded polyethylene.
Metal tube: hot dipped galvanized steel.
Foam: closed cell polyurethane.
- / 60mm diameter tube.
- / Specially for mooring and marking with chain.
- / Maximum suitable chain: 16mm.
- / Modular design.
- / Molded in just one piece.
- / Uniform wall thickness.
- / Smooth surface.
- / Constructed for extreme strenght and severe conditions.
- / Supplied always filled with polyurethane foam.



Ref.	Ø	Length	Total Length	Buoyancy	Packing
BMDT-250	107 cm.	32 cm.	45 cm.	250 Kg.	1 pcs.



Inflatable long rod mooring buoys

CCFL
SERIES



CCFL series mooring buoys are offered in 3 different sizes.



FEATURES

- / Materials:
Body: rotomolded P.V.C.
Rod and swivel: hot dipped galvanized steel.
- / 16mm diameter rod. Also include swivel at the lower end.
- / Extra long rod.
- / Molded in just one piece.
- / Uniform wall thickness.
- / High abrasion & sun resistance.
- / Smooth surface and glossy finish.
- / Extra flexible body material.
- / Constructed for extreme strenght and severe conditions.
- / Quality plastic valve to secure a perfect SEAL.

Ref.	Ø	Circumference	Length	Total Length	Buoyancy
CCFL-1	30 cm.	97 cm.	40 kg.	90 cm.	8 kg.
CCFL-2	32 cm.	100 cm.	43 kg.	110 cm.	12 kg.
CCFL-3	42 cm.	140 cm.	54 kg.	117 cm.	22 kg.

Normal inflation measurements pressure 0,15 bar at approximate 20° C temperature.



04
FLOATS



Float buoy

OVAL FLOATS



OVAL FLOATS are offered in 4 different sizes.

FEATURES

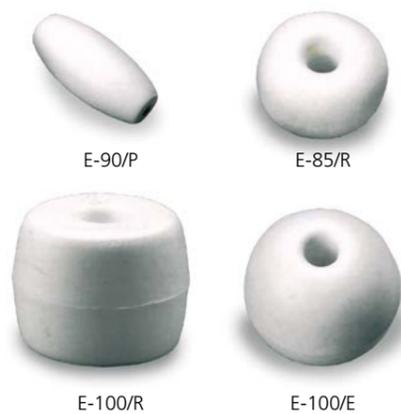
- / Materials: polystyrene & ABS.
- / Uniform wall thickness.
- / High abrasion, pressure, impact & sun resistance.
- / Smooth surface and glossy finish.
- / Useful in a wide variety of maritime sectors.

Ref.	Ø	Length	Hole	Buoyancy	Packing
CA-60/10A	6 cm.	11 cm.	10 mm.	0,125 Kg.	300 pcs.
T-80/5	5,2 cm.	11,8 cm.	11 mm.	0,085 Kg.	300 pcs.
Y-90/7	7 cm.	12,5 cm.	12 mm.	0,205 Kg.	150 pcs.
Y-115/5A	11,5 cm.	15 cm.	14 mm.	0,800 Kg.	50 pcs.



Float buoy

SKIMMING EVA FLOATS



EVA FLOATS are offered in 4 different sizes.

FEATURES

- / Materials: EVA.
- / High abrasion & sun resistance.
- / Smooth surface. Non existent aging.
- / Useful in a wide variety of maritime sectors.

Ref.	Ø	Length -Width	Hole	Buoyancy	Packing
E-90/P	4,5 cm.	9 cm. L	9 mm.	0,125 Kg.	500 pcs.
E-85/R	8,5 cm.	5 cm. W	20 mm.	0,220 Kg.	200 pcs.
E-100/E	10 cm.	10 cm. W	20 mm.	0,500 Kg.	50 pcs.
E-100/R	10 cm.	8 cm. W	20 mm.	0,400 Kg.	50 pcs.



Float buoy

ROUND FLOATS



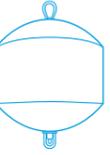
ROUND FLOATS are offered in 4 different sizes.

FEATURES

- / Materials: polystyrene & ABS.
- / Uniform wall thickness.
- / High abrasion, pressure, impact & sun resistance.
- / Smooth surface and glossy finish.
- / Useful in a wide variety of maritime sectors.

Ref.	Ø	Hole	Buoyancy	Colours	Packing
N-25/5	10 cm.	15 mm.	0,3 kg.	Blue	100 pcs.
N-50/8	13,5 cm.	17 mm.	0,76 kg.	Green	50 pcs.
N-90/6A	20 cm.	21 mm.	3,2 kg.	Yellow	10 pcs.
N-280/8A	28 cm.	24 mm.	8,4 kg.	Oranje	5 pcs.





05 AQUA- CULTURE



Cushion buoy for fish farming

PISCI BUOY



FEATURES

- / Materials:
Body: rotomolded polyethylene.
Foam: closed cell polyurethane.
Rod and swivel: hot dipped galvanized steel.
- / 30Mm diameter rod. Also included swivel at the lower end.
- / Specially designed for marking, mooring and fish farming.
- / Molded in just one piece.
- / Uniform wall thickness.
- / Smooth surface.
- / Constructed for extreme strenght and severe conditions.



Ref.	Ø	Length	Total Length	Buoyancy	Packing
PISCIBUOY-850	91 cm.	121 cm.	170 cm.	680 Kg.	1 pcs.
PISCIBUOY-1400	116 cm.	121 cm.	170 cm.	1100 Kg.	1 pcs.



Rigid mooring /
marker buoy



FEATURES

- / Materials: rotomolded polyethylene.
- / Supplied empty or filled with closed cell polyurethane foam.
- / Specially designed for marking, mooring and fish farming.
- / Molded in just one piece.
- / Uniform wall thickness.
- / Smooth surface.
- / Durable double ropeholds.



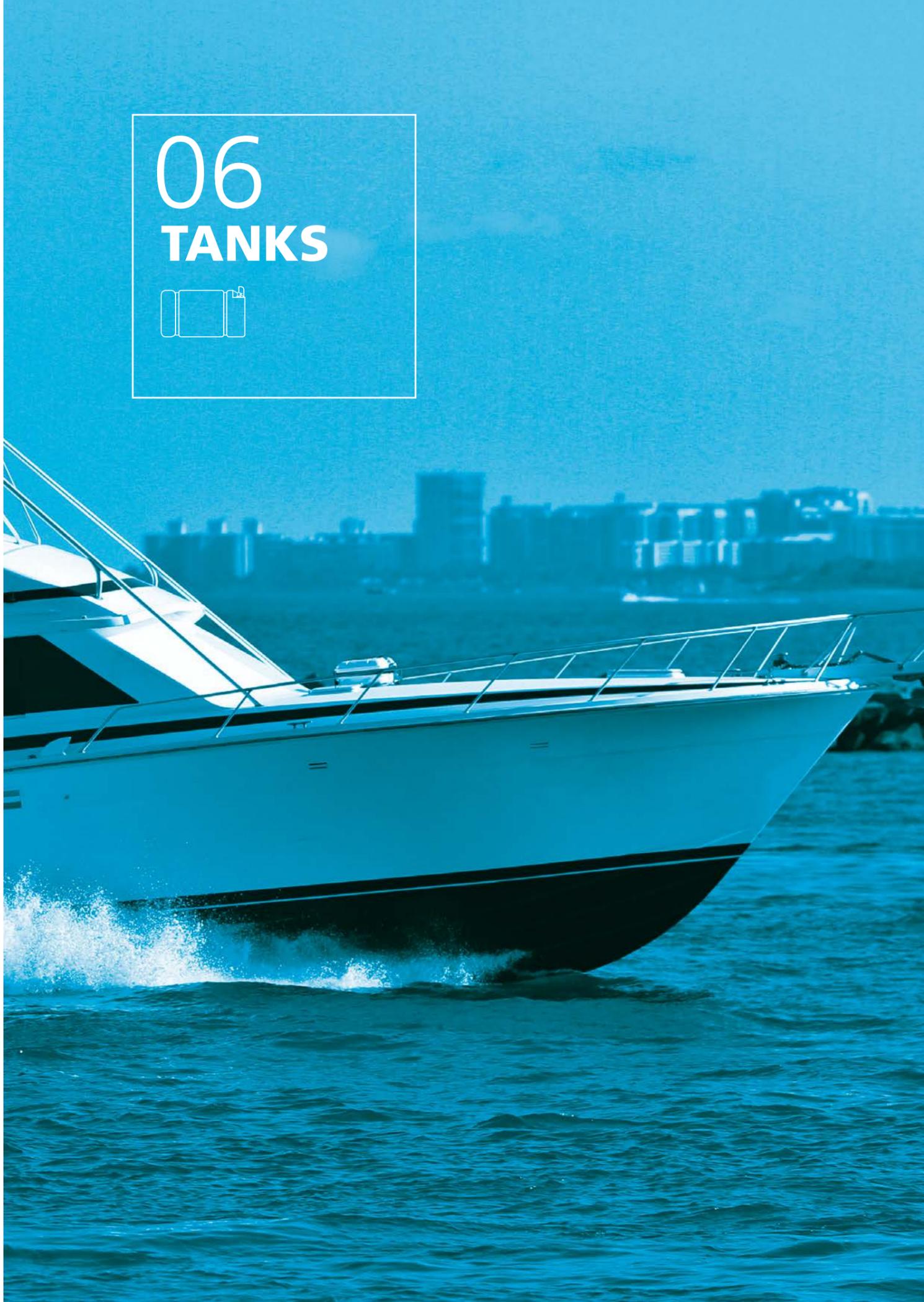
Ref.	Ø	Length	Hole	Buoyancy	Packing
BMLL-1	45 cm.	105 cm.	50 mm.	120 Kg.	1 pcs.

Ref.	Ø	Length	Hole	Buoyancy	Packing
BMLL-2	45 cm.	105 cm.	50 mm.	130 Kg.	1 pcs.

Other colours upon request.

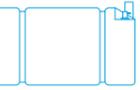
06

TANKS



Fuel tanks

SHARK SERIES



Ref.	Capacity	Length	Width	Height
IPC 5110	40 l.	50 cm.	35 cm.	30 cm.
IPC 5111	51 l.	65 cm.	35 cm.	30 cm.
IPC 5112	65 l.	80 cm.	35 cm.	30 cm.

Model with cap.

Ref.	Capacity	Length	Width	Height
IPC 5110-AF	40 l.	50 cm.	35 cm.	30 cm.
IPC 5111-AF	51 l.	65 cm.	35 cm.	30 cm.
IPC 5112-AF	65 l.	80 cm.	35 cm.	30 cm.

Gauge installed

Ref.	Capacity	Length	Width	Height
IPC 5110/R	40 l.	50 cm.	35 cm.	30 cm.
IPC 5111/R	51 l.	65 cm.	35 cm.	30 cm.
IPC 5112/R	65 l.	80 cm.	35 cm.	30 cm.

Straight deck filler 50 mm.

Ref.	Capacity	Length	Width	Height
IPC 5110/R-AF	40 l.	50 cm.	35 cm.	30 cm.
IPC 5111/R-AF	51 l.	65 cm.	35 cm.	30 cm.
IPC 5112/R-AF	65 l.	80 cm.	35 cm.	30 cm.

Gauge installed.

Ref.	Capacity	Length	Width	Height
IPC 5110/C	40 l.	50 cm.	35 cm.	30 cm.
IPC 5111/C	51 l.	65 cm.	35 cm.	30 cm.
IPC 5112/C	65 l.	80 cm.	35 cm.	30 cm.

Curved deck filler 50 mm.

Ref.	Capacity	Length	Width	Height
IPC 5110/C-AF	40 l.	50 cm.	35 cm.	30 cm.
IPC 5111/C-AF	51 l.	65 cm.	35 cm.	30 cm.
IPC 5112/C-AF	65 l.	80 cm.	35 cm.	30 cm.

Gauge installed



SHARK TANKS are offered in 6 different sizes with 3 different fillers.

FEATURES

- / Materials:
 - Body: rotomolded polyethylene.
 - Intake dip tube pipe: brass.
 - Tube: P.V.C.
 - Cap and gauge plate: polypropylene.
- / Rating from 40 to 65 lts.
- / 3 different holes to install connectors.
- / Ready to install a gauge.
- / Molded in just one piece.
- / Uniform wall thickness.
- / 3 different fillers: cap, straight and 45° curved.
- / Offered as well with gauge already installed.

Ref.	Capacity	Length	Width	Height
IPC 5116	40 l.	65 cm.	35 cm.	22 cm.
IPC 5117	50 l.	85 cm.	35 cm.	22 cm.
IPC 5118	60 l.	110 cm.	35 cm.	22 cm.

Model with cap.

Ref.	Capacity	Length	Width	Height
IPC 5116-AF	40 l.	65 cm.	35 cm.	22 cm.
IPC 5117-AF	50 l.	85 cm.	35 cm.	22 cm.
IPC 5118-AF	60 l.	110 cm.	35 cm.	22 cm.

Gauge installed

Ref.	Capacity	Length	Width	Height
IPC 5116/R	40 l.	65 cm.	35 cm.	22 cm.
IPC 5117/R	50 l.	85 cm.	35 cm.	22 cm.
IPC 5118/R	60 l.	110 cm.	35 cm.	22 cm.

Straight deck filler 50 mm.

Ref.	Capacity	Length	Width	Height
IPC 5116/R-AF	40 l.	65 cm.	35 cm.	22 cm.
IPC 5117/R-AF	50 l.	85 cm.	35 cm.	22 cm.
IPC 5118/R-AF	60 l.	110 cm.	35 cm.	22 cm.

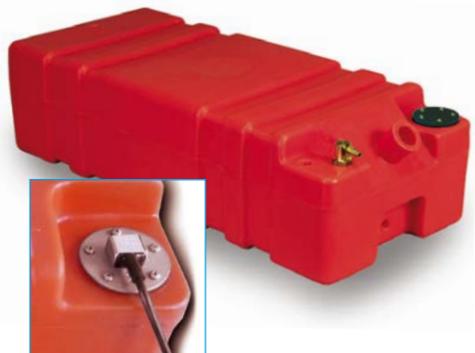
Gauge installed

Ref.	Capacity	Length	Width	Height
IPC 5116/C	40 l.	65 cm.	35 cm.	22 cm.
IPC 5117/C	50 l.	85 cm.	35 cm.	22 cm.
IPC 5118/C	60 l.	110 cm.	35 cm.	22 cm.

Curved deck filler 50 mm.

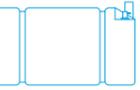
Ref.	Capacity	Length	Width	Height
IPC 5116/C-AF	40 l.	65 cm.	35 cm.	22 cm.
IPC 5117/C-AF	50 l.	85 cm.	35 cm.	22 cm.
IPC 5118/C-AF	60 l.	110 cm.	35 cm.	22 cm.

Gauge installed



Water tanks

SHARK SERIES



SHARK TANKS are offered in 6 different sizes with 3 different fillers.

FEATURES

- / Materials:
 - Body: rotomolded polyethylene.
 - Intake dip tube pipe: brass.
 - Tube: P.V.C.
 - Cap and gauge plate: polypropylene.
- / Rating from 45 to 70 lts.
- / 3 different holes to install connectors.
- / Ready to install a gauge.
- / Molded in just one piece.
- / Uniform wall thickness.
- / 3 different fillers: cap, straight and 45° curved.
- / Offered as well with gauge already installed

Ref.	Capacity	Length	Width	Height
IPC 5113	45 l.	50 cm.	35 cm.	30 cm.
IPC 5114	56 l.	65 cm.	35 cm.	30 cm.
IPC 5115	70 l.	80 cm.	35 cm.	30 cm.

Model with cap.

Ref.	Capacity	Length	Width	Height
IPC 5113-AF	45 l.	50 cm.	35 cm.	30 cm.
IPC 5114-AF	56 l.	65 cm.	35 cm.	30 cm.
IPC 5115-AF	70 l.	80 cm.	35 cm.	30 cm.

Gauge installed



Ref.	Capacity	Length	Width	Height
IPC 5119	45 l.	65 cm.	35 cm.	22 cm.
IPC 5120	55 l.	85 cm.	35 cm.	22 cm.
IPC 5121	65 l.	110 cm.	35 cm.	22 cm.

Model with cap.

Ref.	Capacity	Length	Width	Height
IPC 5119-AF	45 l.	65 cm.	35 cm.	22 cm.
IPC 5120-AF	55 l.	85 cm.	35 cm.	22 cm.
IPC 5121-AF	65 l.	110 cm.	35 cm.	22 cm.

Gauge installed



Ref.	Capacity	Length	Width	Height
IPC 5113/R	45 l.	50 cm.	35 cm.	30 cm.
IPC 5114/R	56 l.	65 cm.	35 cm.	30 cm.
IPC 5115/R	70 l.	80 cm.	35 cm.	30 cm.

Straight deck filler 35mm.

Ref.	Capacity	Length	Width	Height
IPC 5113/R-AF	45 l.	50 cm.	35 cm.	30 cm.
IPC 5114/R-AF	56 l.	65 cm.	35 cm.	30 cm.
IPC 5115/R-AF	70 l.	80 cm.	35 cm.	30 cm.

Gauge installed.



Ref.	Capacity	Length	Width	Height
IPC 5119/R	45 l.	65 cm.	35 cm.	22 cm.
IPC 5120/R	55 l.	85 cm.	35 cm.	22 cm.
IPC 5121/R	65 l.	110 cm.	35 cm.	22 cm.

Straight deck filler 35mm.

Ref.	Capacity	Length	Width	Height
IPC 5119/R-AF	45 l.	65 cm.	35 cm.	22 cm.
IPC 5120/R-AF	55 l.	85 cm.	35 cm.	22 cm.
IPC 5121/R-AF	65 l.	110 cm.	35 cm.	22 cm.

Gauge installed.



Ref.	Capacity	Length	Width	Height
IPC 5113/C	45 l.	50 cm.	35 cm.	30 cm.
IPC 5114/C	56 l.	65 cm.	35 cm.	30 cm.
IPC 5115/C	70 l.	80 cm.	35 cm.	30 cm.

Curved deck filler 35 mm.

Ref.	Capacity	Length	Width	Height
IPC 5113/C-AF	45 l.	50 cm.	35 cm.	30 cm.
IPC 5114/C-AF	56 l.	65 cm.	35 cm.	30 cm.
IPC 5115/C-AF	70 l.	80 cm.	35 cm.	30 cm.

Gauge installed



Ref.	Capacity	Length	Width	Height
IPC 5119/C	45 l.	65 cm.	35 cm.	22 cm.
IPC 5120/C	55 l.	85 cm.	35 cm.	22 cm.
IPC 5121/C	65 l.	110 cm.	35 cm.	22 cm.

Curved deck filler 35 mm.

Ref.	Capacity	Length	Width	Height
IPC 5119/C-AF	45 l.	65 cm.	35 cm.	22 cm.
IPC 5120/C-AF	55 l.	85 cm.	35 cm.	22 cm.
IPC 5121/C-AF	65 l.	110 cm.	35 cm.	22 cm.

Gauge installed



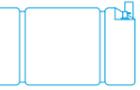
Accessories for fuel tanks

SHARK
SERIES



Portable fuel tanks

ORCA
SERIES



Ref.

IPC 5094	Brass connector for hose of 16 mm.
IPC 5096	Brass connector for hose of 20 mm.
IPC 5097	Tank intake dip tube pipe for hoses of 7 & 8 mm.



Fuel level gauges 12/24 v.
Suitable for VDO sensors.

Ref.	Voltage	Frequency	Ø	Colour
IPC 5234	12/24 v.	0-190 ohm.	62 mm.	Black
IPC 5235	12/24 v.	0-190 ohm.	62 mm.	White.



IPC 5234

IPC 5235

Water level gauges 12/24 v.
Suitable for VDO sensors.

Ref.	Voltage	Frequency	Ø	Colour
IPC 5236	12/24 v.	0-190 ohm.	62 mm.	Black
IPC 5237	12/24 v.	0-190 ohm.	62 mm.	White.



IPC 5236

IPC 5237

Electric vertical sensor for Shark tanks

Ref.	Length	Frequency
IPC 5231	150 mm. Electric vertical sensor for 22 cm height tanks.	0-190 ohm.
IPC 5232	225 mm. Electric vertical sensor for 30 cm height tanks.	0-190 ohm.



IPC 5232

IPC 5231

Made from AISI 316 stainless steel. Suitable for VDO gauges. Suitable for water and fuel tanks.

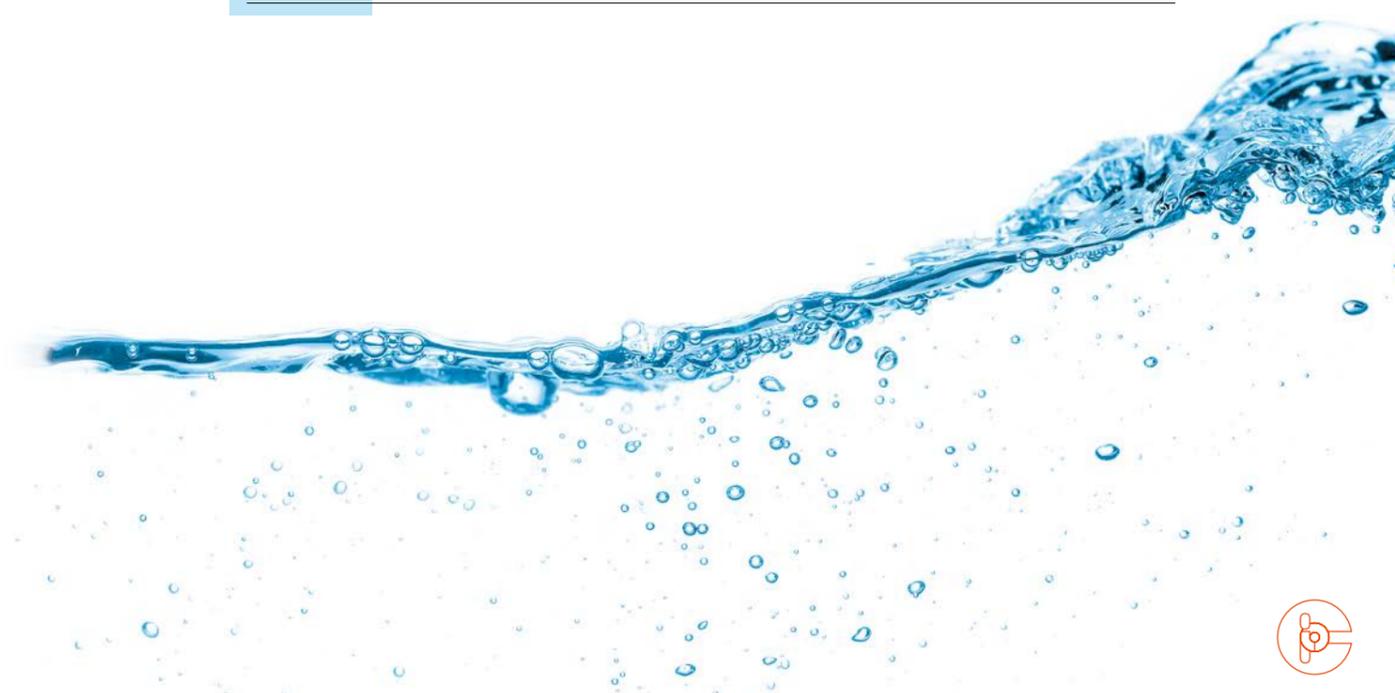
ORCA TANKS are offered in 3 different sizes.

FEATURES

- / Materials:
 - Body: rotomolded polyethylene.
 - Intake dip tube pipe: polyethylene.
 - Tube: P.V.C.
 - Cap: polypropylene.
- / Rating from 12 to 30 lts.
- / Molded in just one piece.
- / Uniform wall thickness.



Ref.	Capacity	Length	Width	Height	Packing
IPC-5174	12 l.	40 cm.	28 cm.	18 cm.	6 pcs.
IPC-5175	22 l.	45 cm.	35 cm.	23 cm.	6 pcs.
IPC-5176	30 l.	50 cm.	36 cm.	24 cm.	3 pcs.



Electronic bilge switch

IPC 6098



This EMD switch senses water level and automatically controls a 12-to-24 volt bilge pump. It turns on when it senses 51 mm. water level and turns off when water is below 19 mm. Ignition protected. CE certified.

CHARACTERISTICS

- Security switch with digital technology free of mercury.
- Its performance is based in 2 detector cells and 1 relay in solid state which allow much better security and reliability.
- It allows to control all kind of bilge pumps up to 20 Amp.
- It can be used with diaphragm pumps.
- It is compatible with CAN Bus-2 system, wires for digital monitor system which are being used in small boats.
- Totally watertight. Resin filled.
- No corrosion risk. Resists all hydrocarbons.

- No mechanical piece in motion. No blockage risk.
- Free of mercury. No contamination or leak risks.
- Totally adapted for marine applications. It can stand temperature, humidity, UV, vibration, liquids and sea water corrosion.

INSTALLATION

- Mount switch vertically so wires are up, close to pump so it reads the same water level. Switch base may be 6 mm. higher but never lower than base of pump. From positive battery terminal, connect fuse (rated for pump) and 3-way switch for off / manual / automatic switching:
 - Manual terminal directly to brown (+) pump wire.
 - Automatic terminal to switch brown (+), switch black (-) to pump brown (+)

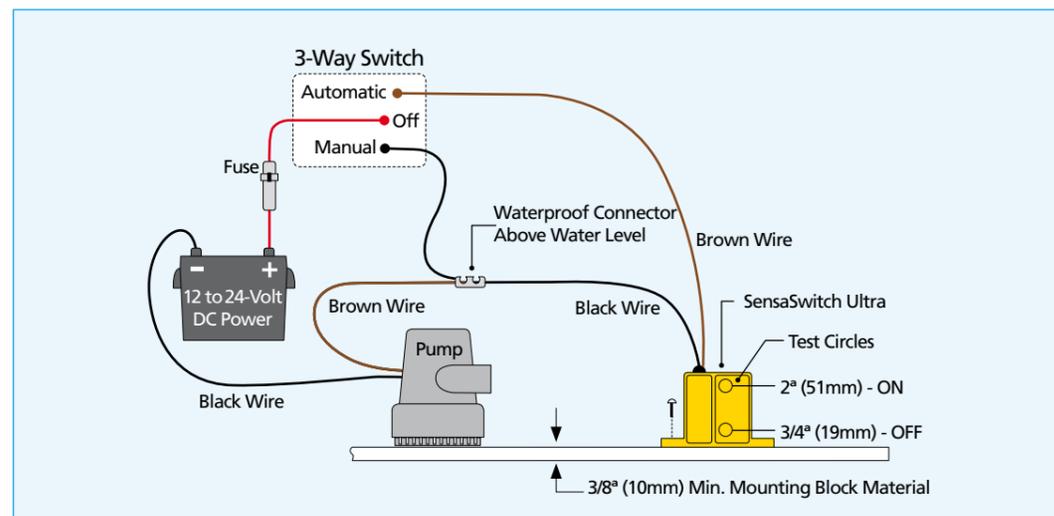
- Black (-) pump wire to negative battery terminal. Make all wiring connections above highest water level, using permanent waterproof terminals. Coat terminals with liquid electrical tape.

TEST OF OPERATION

- After installation, hold fingers for 10 seconds on two raised circles in switch face. If wiring is correct, pump activates. Remove top finger, pump stays on. Remove bottom finger and pump turns off after a short delay. Test with water in bilge to be sure pumps turns on and off properly. If not, reposition switch for proper activation.

MAINTENANCE

- Keep fuse and wiring connections high and dry. Keep floating debris away from switch.



07

VISUAL INDEX
STANDARD
PACKING LIST



VISUAL INDEX

FENDERS



F Series
p. 08-09



G Series
p. 10



JP Series
p. 11



HAG Series
p. 12



RP Series
p. 13



Bumpers
p. 14



NDP Series
p. 15



DP Series
p. 15



DW SERIES
p. 16

BUOYS



A-HD Series
p. 18-19



PA/R Series
p. 20



PKB-1
p. 21



PKB-2
p. 21



Approved marker buoys
p. 22-23



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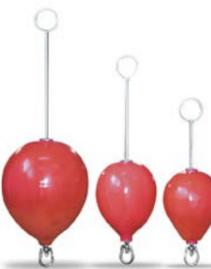
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**STANDARD
PACKING
LIST**

Ref.	Quantity	Pack	Dimensions	Weight	Volume
F-0	30	Box	62x42x58 cms	24 kgs	0,15 m ³
F-1/A	30	Box	62x42x58 cms	33 kgs	0,15 m ³
F-1	25	Box	62x42x52 cms	31 kgs	0,14 m ³
F-2/A	20	Box	62x42x52 cms	29 kgs	0,14 m ³
F-2	15	Box	62x42x52 cms	31 kgs	0,14 m ³
F-3	10	Box	62x42x52 cms	26 kgs	0,14 m ³
F-4	10	Box	47x47x92 cms	44 kgs	0,20 m ³
F-5	15	Box	47x47x92 cms	47 kgs	0,20 m ³
F-6	10	Box	47x47x92 cms	48 kgs	0,20 m ³
F-7/A	8	Box	110x70x45 cms	73 kgs	0,34 m ³
G-1	40	Box	62x42x52 cms	14 kgs	0,14 m ³
G-2	30	Box	62x42x58 cms	19 kgs	0,15 m ³
G-3	35	Box	62x42x58 cms	30 kgs	0,15 m ³
G-4	20	Box	62x42x58 cms	30 kgs	0,15 m ³
G-5	15	Box	62x42x58 cms	31 kgs	0,15 m ³
JP-1	25	Box	62x42x58 cms	16 kgs	0,15 m ³
JP-2	20	Box	62x42x58 cms	33 kgs	0,15 m ³
JP-3	15	Box	47x47x92 cms	43 kgs	0,20 m ³
HAG-1	30	Box	62x42x58 cms	39 kgs	0,15 m ³
HAG-2	20	Box	62x42x52 cms	38 kgs	0,14 m ³
HAG-3	15	Box	47x47x92 cms	57 kgs	0,20 m ³
HAG-4	10	Box	47x47x92 cms	53 kgs	0,20 m ³
Pantalan-1L	18	Box	120x80x110 cms	125 kgs	1,05 m ³
Pantalan-2C	18	Box	120x80x110 cms	125 kgs	1,05 m ³
NDP-1	17	Box	62x42x58 cms	17 kgs	0,15 m ³
NDP-2	16	Box	62x42x58 cms	37 kgs	0,15 m ³
DP-1	21	Box	60x44x86 cms	8 kgs	0,22 m ³
DP-2	12	Box	60x44x77 cms	6 kgs	0,20 m ³
DP-3	8	Box	60x32x100 cms	7 kgs	0,19 m ³
A-0HD	30	Box	62x42x52 cms	24 kgs	0,14 m ³
A-1HD	20	Box	62x42x52 cms	30 kgs	0,14 m ³
A-2HD	15	Box	62x42x52 cms	32 kgs	0,14 m ³
A-3HD	10	Box	47x47x92 cms	37 kgs	0,20 m ³
A-4HD	10	Box	47x47x92 cms	49 kgs	0,20 m ³

Ref.	Quantity	Pack	Dimensions	Weight	Volume
A-5HD	8	Box	47x47x92 cms	52 kgs	0,20 m ³
A-6HD	5	Box	110x70x45 cms	60 kgs	0,34 m ³
PA/R-2	10	Box	62x42x52 cms	30 kgs	0,14 m ³
PA/R-3	6	Box	62x42x52 cms	28 kgs	0,14 m ³
PKB-1	15	Box	62x42x52 cms	21 kgs	0,14 m ³
PKB-2	18	Box	47x47x92 cms	27 kgs	0,20 m ³
10614-BS	4	Bag	130x70x45 cms	10 kgs	0,41 m ³
10624-BS	4	Bag	130x70x45 cms	10 kgs	0,41 m ³
10634-BS	4	Bag	130x70x45 cms	10 kgs	0,41 m ³
10638-BS	1	Bag	110x60x60 cms	8 kgs	0,39 m ³
10618-BS	1	Bag	160x80x80 cms	13 kgs	1,00 m ³
10628-BS	1	Bag	160x80x80 cms	13 kgs	1,00 m ³
10640-BS	1	Bag	160x80x80 cms	14 kgs	1,00 m ³
BMA-D	40	Box	62x42x58 cms	27 kgs	0,15 m ³
BSK-1	100	Box	62x42x52 cms	32 kgs	0,14 m ³
BSK-2	50	Box	47x47x92 cms	23 kgs	0,20 m ³
IPC-2001	20	Bag	110x70x60 cms	10 kgs	0,46 m ³
IPC-2002	20	Bag	110x70x60 cms	10 kgs	0,46 m ³
IPC-2003	10	Bag	110x70x60 cms	10 kgs	0,46 m ³
IPC-2004	10	Bag	110x70x60 cms	10 kgs	0,46 m ³
IPC-2005	6	Bag	110x70x60 cms	10 kgs	0,46 m ³
IPC-2006	6	Bag	110x70x60 cms	10 kgs	0,46 m ³
IPC-2007	2	Bag	110x80x50 cms	7 kgs	0,44 m ³
IPC-2008	2	Bag	110x80x50 cms	7 kgs	0,44 m ³
IPC-2009	20	Bag	110x70x60 cms	13 kgs	0,46 m ³
IPC-2010	20	Bag	110x70x60 cms	13 kgs	0,46 m ³
CPAL-NA	17	Bag	110x70x60 cms	13 kgs	0,46 m ³
CPAL-AM	17	Bag	110x70x60 cms	13 kgs	0,46 m ³
CC-2HD	8	Box	62x42x58 cms	30 kgs	0,15 m ³
CC-3HD	5	Box	62x42x58 cms	27 kgs	0,15 m ³
CC-4HD	5	Box	47x47x92 cms	39 kgs	0,20 m ³
CCRS-2	2	Bag	90x40x40 cms	10 kgs	0,14 m ³
CCRS-3	1	Bag	55x46x46 cms	8 kgs	0,11 m ³
CCRS-4	1	Bag	65x60x60 cms	12 kgs	0,23 m ³

Ref.	Quantity	Pack	Dimensions	Weight	Volume
CCFR-2	2	Bag	120x40x40 cms	16 kgs	0,19 m ³
CCFR-3	1	Bag	70x46x46 cms	11 kgs	0,15 m ³
CCFR-4	1	Bag	75x60x60 cms	13 kgs	0,27 m ³
CCFN-2	2	Bag	120x40x40 cms	14 kgs	0,19 m ³
CCFN-3	1	Bag	70x46x46 cms	10 kgs	0,15 m ³
CCFN-4	1	Bag	75x60x60 cms	12 kgs	0,27 m ³
CCRT-4	1	Bag	75x60x60 cms	13 kgs	0,27 m ³
BMDH-250	1	Bag	107x107x32 cms	40 kgs	0,36 m ³
BMDH-500	1	Bag	107x107x64 cms	60 kgs	0,74 m ³
BMDT-250	1	Bag	107x107x32 cms	33 kgs	0,36 m ³
N-25/5	100	Bag	70x45x35 cms	17 kgs	0,11 m ³
N-50/8	50	Bag	70x45x35 cms	21 kgs	0,11 m ³
N-90/6A	10	Bag	70x45x35 cms	15 kgs	0,11 m ³
N-280/6	5	Bag	70x45x35 cms	12 kgs	0,11 m ³
CA-60/10A	300	Bag	70x45x35 cms	33 kgs	0,11 m ³
T-80/5	300	Bag	70x45x35 cms	32 kgs	0,11 m ³
Y-90/7	150	Bag	70x45x35 cms	28 kgs	0,11 m ³
Y-115/5A	50	Bag	70x45x35 cms	24 kgs	0,11 m ³
E-90/P	500	Bag	70x45x35 cms	13 kgs	0,11 m ³
E-85/R	200	Bag	70x45x35 cms	10 kgs	0,11 m ³
E-100/R	50	Bag	70x45x35 cms	6 kgs	0,11 m ³
E-100/E	50	Bag	70x45x35 cms	6 kgs	0,11 m ³
Piscibuoy-850	1	Bag	130x91x91 cms	70 kgs	1,08 m ³
Piscibuoy-1400	1	Bag	130x116x116 cms	93 kgs	1,75 m ³
BMLL-1	1	Bag	105x45x45 cms	12 kgs	0,21 m ³
BMLL-2	1	Bag	105x45x45 cms	7 kgs	0,21 m ³
IPC-5110	1	Box	51x35x31 cms	5 kgs	0,05 m ³
IPC-5111	1	Box	65x35x31 cms	6 kgs	0,07 m ³
IPC-5112	1	Box	81x35x31 cms	7 kgs	0,09 m ³
IPC-5113	1	Box	51x35x31 cms	4 kgs	0,05 m ³
IPC-5114	1	Box	65x35x31 cms	5 kgs	0,07 m ³
IPC-5115	1	Box	81x35x31 cms	6 kgs	0,09 m ³
IPC-5116	1	Box	65x35x26 cms	5 kgs	0,06 m ³
IPC-5117	1	Box	85x35x26 cms	6 kgs	0,08 m ³

Ref.	Quantity	Pack	Dimensions	Weight	Volume
IPC-5118	1	Box	110x35x26 cms	8 kgs	0,10 m ³
IPC-5119	1	Box	65x35x26 cms	4 kgs	0,06 m ³
IPC-5120	1	Box	85x35x26 cms	5 kgs	0,08 m ³
IPC-5121	1	Box	110x35x26 cms	6 kgs	0,10 m ³
IPC-5110/R	1	Box	51x35x31 cms	5 kgs	0,05 m ³
IPC-5111/R	1	Box	65x35x31 cms	6 kgs	0,07 m ³
IPC-5112/R	1	Box	81x35x31 cms	7 kgs	0,09 m ³
IPC-5113/R	1	Box	51x35x31 cms	4 kgs	0,05 m ³
IPC-5114/R	1	Box	65x35x31 cms	5 kgs	0,07 m ³
IPC-5115/R	1	Box	81x35x31 cms	6 kgs	0,09 m ³
IPC-5116/R	1	Box	65x35x26 cms	5 kgs	0,06 m ³
IPC-5117/R	1	Box	85x35x26 cms	6 kgs	0,08 m ³
IPC-5118/R	1	Box	110x35x26 cms	8 kgs	0,10 m ³
IPC-5119/R	1	Box	65x35x26 cms	4 kgs	0,06 m ³
IPC-5120/R	1	Box	85x35x26 cms	5 kgs	0,08 m ³
IPC-5121/R	1	Box	110x35x26 cms	6 kgs	0,10 m ³
IPC-5110/C	1	Box	51x35x31 cms	5 kgs	0,05 m ³
IPC-5111/C	1	Box	65x35x31 cms	6 kgs	0,07 m ³
IPC-5112/C	1	Box	81x35x31 cms	7 kgs	0,09 m ³
IPC-5113/C	1	Box	51x35x31 cms	4 kgs	0,05 m ³
IPC-5114/C	1	Box	65x35x31 cms	5 kgs	0,07 m ³
IPC-5115/C	1	Box	81x35x31 cms	6 kgs	0,09 m ³
IPC-5116/C	1	Box	65x35x26 cms	5 kgs	0,06 m ³
IPC-5117/C	1	Box	85x35x26 cms	6 kgs	0,08 m ³
IPC-5118/C	1	Box	110x35x26 cms	8 kgs	0,10 m ³
IPC-5119/C	1	Box	65x35x26 cms	4 kgs	0,06 m ³
IPC-5120/C	1	Box	85x35x26 cms	5 kgs	0,08 m ³
IPC-5121/C	1	Box	110x35x26 cms	6 kgs	0,10 m ³
IPC-5174	6	Box	42x57x38 cms	10 kgs	0,09 m ³
IPC-5175	6	Box	47x72x70 cms	13 kgs	0,23 m ³
IPC-5176	3	Box	52x39x70 cms	9 kgs	0,15 m ³

The rest of products inside our catalogue do not have standard packing.



**GENERAL
SALES
TERMS**

- _ This catalogue is only for professionals. Minimum order quantity: 300 €.
- _ No return merchandise will be accepted without prior authorization.
- _ Prices are net EXW our factory. Always for quantities shown at Standard Packing Quantities. Other quantities received may be changed to meet our packing. If not, we will charge a 5% extra for handling cost.
- _ We reserve the right to change design and measurements without prior notice.
- _ Prices can be modified without prior notice due to the constant fluctuations of the raw material prices.
- _ Any claim for a shipment will only be attended after 48 hours after the reception and verification of the goods.



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