

BRAVO



设计和性能

DESIGN AND PERFORMANCE

100%高品质

100% HIGH QUALITY



关于布拉沃

ABOUT BRAVO

布拉沃公司是一家意大利公司，是全球领先的船用装备和户外休闲运动产品的制造商及供应商；

布拉沃公司致力于开发创新型产品和解决方案，最大程度保证用户的操作安全及效率；

布拉沃公司位于中国浙江宁波，公司执行ISO9001质量管理体系的管理标准，且十分重视保护环境；

布拉沃公司产品销往全球60多个国家，在广大客户和经销商中享有盛誉。

Bravo is an Italian company, is a leader in the marine equipments and outdoor recreation products

In Bravo, We create new solutions, innovative systems that ensure the maximum operational safety and efficiency is the highest respect for the environment

Bravo is located in NingBo city(ZheJiang Prov.China), The company operates according to procedure and systems according ISO9001 norms, in full respect of enviromental policies

Bravo products are distributed in more than 60 countries , and has high reputation among customers and distributors

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电动充气泵
ELECTRIC PUMPS



BP 12-B 电动充气泵12V(DC)

BP-12B Electric pump 12V(DC)



- 属性:
- 自动停止(到选定压力值)
 - 用于充气
 - 重1.5KG
 - 最大压力18Psi
 - 最大电流: 15A
- 配备:
- 转换接头
 - 彩盒
 - 1.25米高品质波纹管 (EPDM) , Ø 20mm
 - 2.5米电源线带点烟器插头
- 适用于: 充气式 SUP, 船, Kayak 和帐篷

- Characteristics:
- Automatic stop (pressure selected).
 - Inflate
 - Weight 1.5kg
 - Maximum pressure 18Psi
 - MAX Current: 15A

- Equipped:
- Adaptors
 - Color box
 - 1.25m high quality hose (EPDM)Ø 20mm
 - 2.5m power wire with cigarette lighter

Suitable: inflatable SUP, boats, kayaks and tents.



- 专利号Patent No.: ZL 2010 1 0177 279.2

系列 Item	型号 Part number	尺寸 Dimensions	电源 Power	电流消耗 Current C.	气流 Air Flow	最大压力 Max Pressure	重量 Weight	认证 Approval
BP12-B	6131354	24,5*20,5*16 cm	12V DC	15 A max	120 l/min	18 psi	1.5 Kg	CE ,ROHS & REACH

BP 12-A 电动充气泵12V(DC)

BP 12-A Electric pump 12V(DC)

属性:

- 自动停止(到选定压力值)
- 用于充气/放气
- 重2KG
- 最大压力14.5Psi

配备:

- 转换接头
- 挎包
- 1.25米高品质波纹管（EPDM），Ø20mm
- 3米电源线带点烟器插头和电瓶夹

适用于：充气式SUP, 船, Kayak和帐篷

Characteristics:

- Automatic stop (pressure selected).
- Inflate/deflate
- Weight 2kg
- Maximum pressure 14.5Psi

Equipped:

- Adaptors
- Fabric bag
- 1.25m high quality hose (EPDM), Ø20mm
- 3m power wire and cigarette lighter and crocodile fitting

Suitable: inflatable SUP, boats, kayaks and tents.



- 专利号 Patent No.: ZL 2010 1 0177 279.2

系列 Item	型号 Part number	尺寸 Dimensions	电源 Power	电流消耗 Current C.	气流 Air Flow	最大压力 Max Pressure	重量 Weight	认证 Approval
BP12-A	6131350	20,5*10,5*13 cm	12V DC	13 A max	120 l/min	1 bar (14.5 psi)	2.0 Kg	CE ,ROHS & REACH

BTP 12-A 电动充气泵12V(DC)

BTP 12-A Electric pump 12V(DC)

属性:

- 自动停止(到选定压力值)
- 用于充气/放气
- 模拟压力表
- 同时显示设定和实时压力值
- 空气过滤器
- 便于清洁和更换
- 重2.5KG
- 最大压力14.5Psi

配备:

- 转换接头
- 挎包
- 1.25米高品质波纹管（EPDM），Ø20mm
- 3米电源线带点烟器插头和电瓶夹

适用于：充气式SUP, 船, Kayak和帐篷；

Characteristics:

- Automatic stop (pressure selected).
- Inflate/deflate
- Analog manometer
- Simultaneous display of programmed and real pressure
- Air filter
- Easy to clean and replace
- Weight 2.5kg
- Maximum pressure 14.5Psi

Equipped:

- Adaptors
- Fabric bag
- 1.25m high quality hose (EPDM), Ø20mm
- 3m power wire and cigarette lighter and crocodile fitting

Suitable: inflatable SUP, boats, kayaks and tents.



- 专利号 Patent No.: ZL 2010 1 0177 265.0

系列 Item	型号 Part number	尺寸 Dimensions	电源 Power	电流消耗 Current C.	气流 Air Flow	最大压力 Max Pressure	重量 Weight	认证 Approval
BTP12-A	6131250	29,5*10,5*13 cm	12V DC	13 A max	120 l/min 450 l/min	1 bar (14.5 psi)	2.5 Kg	CE ,ROHS & REACH

12V电动充气泵(DC)
12V Electric Pumps(DC)



- 属性:
- 自动停止(到选定压力值)
 - 用于充气/放气
- 配备:
- 转换接头
 - 挎包
 - 1.7米高品质波纹管 (EPDM) , Ø20mm
 - 3米电源线和电瓶夹
- 适用于: 充气式船, 风筝, Kayak和帐篷

- Characteristics:**
- Automatic stop (pressure selected).
 - Inflate/deflate
- Equipped:**
- Adaptors
 - Fabric bag
 - 1.7m high quality hose (EPDM), Ø20mm
 - 3m power wire and crocodile fitting
- Suitable:** inflatable boats, kites, kayaks and tents.



- 专利号Patent No.: ZL 2010 1 0177 279.2

系列 Item	型号 Part number	尺寸 Dimensions	电源 Power	电流消耗 Current C.	气流 Air Flow	最大压力 Max Pressure	重量 Weight	认证 Approval
BP12	6130037	20,5*10,5*13 cm	12V DC	20 A max	160 l/min	1 bar (14.5 psi)	2.0 Kg	CE ,ROHS & REACH

12V电动充气泵(DC)
12V Electric Pumps(DC)



- 属性:
- 自动停止(到选定压力值)
 - 用于充气/放气
 - 同时显示设定和实时压力值
 - 空气过滤器
 - 便于清洁和更换

- 配备:
- 转换接头
 - 挎包
 - 1.7米高品质波纹管 (EPDM) , Ø20mm
 - 3米电源线和电瓶夹
- 适用于: 充气式船, 风筝, Kayak和帐篷;

备注: BTP 12 MANOMETER为指针压力表
BTP 12 DIGITAL为数字式压力表, 压力单位可选 (psi, bar, minibar, kpa)

- Characteristics:
- Automatic stop (pressure selected)
 - Inflate/deflate
 - Simultaneous display of programmed and real pressure
 - Air filter
 - Easy to clean and replace

- Equipped:
- Adaptors
 - Fabric bag
 - 1.7m high quality hose(EPDM), Ø 20mm
 - 3m power wire and crocodile fitting

Suitable: inflatable boats, kites, kayaks and tents

Remarks: BTP 12 MANOMETER is with analog manometer ~
BTP 12 DIGITAL is with digital manometer, Pressure unit can be selected (psi, bar, minibar, kpa),



BTP 12
MANOMETER
- 专利号 Patent No.: ZL 2010 1 0177 265.0



BTP 12 DIGITAL
- 专利号 Patent No.: ZL 2010 1 0177 265.0

系列 Item	型号 Part number	尺寸 Dimensions	电源 Power	电流消耗 Current C.	气流 Air Flow	最大压力 Max Pressure	重量 Weight	认证 Approval
BTP 12 MANOMETER	6130038	29,5 *10,5*16 cm	12V DC	20 A max	160 l/min 450 l/min	0,95 bar (13.8 psi)	2.50 Kg	CE,ROHS & REACH
BTP 12 DIGITAL	6130039	29,5 *10,5*16 cm	12V DC	20 A max	160 l/min 450 l/min	0,95 bar (13.8 psi)	2.50 Kg	CE,ROHS & REACH

12V电动充气泵(DC)

12V Electric Pumps(DC)



属性：
- 用于充气/放气

配备：
- 转换接头
- 3米电源线和弹簧线夹(C版)和点烟器插头（A版）
- 彩盒

适用于： 充气式玩具，床垫等小型充气式产品

Characteristics:

- Inflate/deflate

Equipped:

- Adaptors
- 3m power wire and crocodile fitting (C version) or cigarette lighter (A version).
- Color box

Suitable: inflatable toys, mattress (low volume inflatable products).



MB 80



MB 50



MB 80 A
MB 50 A



MB 80 C
MB 50 C



MB 80



MB 50



系列 Item	型号 Part number	尺寸 Dimensions	电源 Power supply	气流 Air Flow	最大压力 Max P.	重量 Weight	认证 Approval
MB 80/12 A	6130008	12,5*12,5*14 cm	12V DC	700 l/min	80 mbar (1.2 psi)	0.63 Kg	CE,ROHS&REACH
MB 80/12 C	6130009	12,5*12,5*14 cm	12V DC	700 l/min	80 mbar (1.2 psi)	0.65 Kg	CE,ROHS&REACH
MB 50/12 A	6130004	12,5*12,5*14 cm	12V DC	400 l/min	40 mbar (0,6 psi)	0.46 Kg	CE,ROHS&REACH
MB 50/12 C	6130005	12,5*12,5*14 cm	12V DC	400 l/min	40 mbar (0,6 psi)	0.48 Kg	CE,ROHS&REACH

电动充气泵(AC)

Electric Pumps(AC)



BRAVO 230/2000, BRAVO 120/2000

- 属性:
- 用于充气/放气
 - 两个电机，辅电机（增压器）用以增加容量和压力
 - 标准模式，按下橙色按钮，主电机开始工作
 - 最大模式，按下红色按钮，主辅电机同时工作
 - 主辅电机均有热熔保险丝保护

- 配备:
- 转换接头
 - 1.7米高品质波纹管（PVC），Ø25mm
 - 3米电源线

适用于：充气式船，帐篷，大型充气式产品；

- Characteristics:
- Inflate/deflate
 - 2 motors, the supplementary motor (booster) increases the capacity and pressure.
 - For standard performance, push the orange button, the main motor works.
 - For maximum performance, push the red button, the main and supplementary motors both work.
 - Both motors are protected by thermal- amperic fuse.

- Equipped:
- Adaptors
 - 1.7m high quality hose(PVC), Ø25mm
 - 3m power wire

Suitable: inflatable boats, tents, high volume inflatable products.



BRAVO 230/2000
BRAVO 120/2000

BRAVO 230/2000 MIL

- 属性:
- 该产品采用高抗震性材料制造

- 配备:
- 转换接头
 - 1.7米高品质波纹管（PVC），Ø40mm
 - 7米加强电源线和安全插头

适用于：为军队和救援队特别设计，适用于充气式船，帐篷；

- Characteristics:
- The product is manufactured with high shock resistance compounds

- Equipped:
- Adaptors
 - 1.7m high quality hose(PVC), Ø40mm
 - 7m reinforced power wire and safety plug.

Suitable: special version, suitable for inflatable boats, tents (army and rescue teams).



BRAVO 230/2000 MIL

系列 Item	型号 Part number	尺寸 Dimensions	电压 Voltage	气流 Air Flow	最大压力 Max P.	电源 Power	重量 Weight	认证 Approval
BRAVO 230/2000	6130206	32*17*h 26 cm	230V (120V) mainmotor 230V (120V) booster	1200 l/min 2000 l/min	140 mbar (2.0 psi) 350 mbar (5.0 psi)	1000 W 2000 W/1800W	4,1 Kg	CE,ROHS & REACH
BRAVO 120/2000	6130320	32*17*h 26 cm	230V (120V) mainmotor 230V (120V) booster	1200 l/min 2000 l/min	140 mbar (2.0 psi) 350 mbar (5.0 psi)	1000 W 2000 W/1800W	4,1 Kg	ETL & REACH
BRAVO 230/2000 MIL	6130207	32*17*h 26 cm	230V (120V) mainmotor 230V (120V) booster	1200 l/min 2000 l/min	140 mbar (2.0 psi) 350 mbar (5.0 psi)	1000 W 2000 W/1800W	4,1 Kg	CE,ROHS & REACH

230V/120V电动充气泵(AC)
230V/120V Electric Pumps(AC)

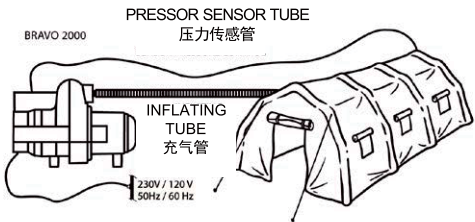


A.R.S Automatic Refilling System自动补气系统

- 属性:
- 用于充气/放气
 - 两个电机
 - A.R.S 自动补气系统，全自动充/放气系统保证充气产品的压力维持在一定可调范围内；压力值可设定在50~350 mbar(0.7~5.0 psi)之间；
 - 自动切换开/关以保持压力

- 配备:
- 转换接头
 - 1.7米高品质波纹管 (PVC或EPDM), Ø 25mm, (不包含, 需单独购买)
 - 3米电源线
 - 压力传感管 (不包含, 需单独购买)
- 适用于: 充气式船, 帐篷, 大型充气式产品;

- Characteristics:
- Inflate/deflate
 - 2 motors
 - A.R.S automatic refilling system, it is a fully automatic inflating/deflating system able to keep the pressure within a adjustable range. The pressure range can be set between 50 and 350 mbar (0.7 /5.0 psi).
 - Automatic switches on/off to keep the pressure
- Equipped:
- Adaptors
 - 1.7m high quality hose (PVC or EPDM), Ø25mm (not included, purchase separately).
 - 3m power wire
 - Pressure sensor tube (not included. purchase separately).
- Suitable: inflatable boats, tents, high volume inflatable products.



不含充气软管和压力传感器软管，需单独购买。
Inflation hose and pressure-sensor tube not included, purchasable separately.



带转换接头 25/40 mm
Equipped with adapter 25/40 mm

系列 Item	型号 Part number	尺寸 Dimensions	电源 Power	气流 Air Flow	最大压力 Max P.	重量 Weight	认证 Approval
BRAVO 230/2000 ARS	6130208	40 * 17 * h 26 cm	230V AC	2000 l/min	50/350 mbar (0.7/5.0 psi)	6.0 Kg	CE,ROHS & REACH
BRAVO 120/2000 ARS	6130209	40 * 17 * h 26 cm	120V AC	2000 l/min	50/350 mbar (0.7/5.0 psi)	6.0 Kg	ETL & REACH

IP65防水电动充气泵(AC)
Water proof electric pumps IP65(AC)



- 属性:
- 用于充气/放气
 - 两个电机
 - A.R.S 自动补气系统（根据客户需要）
 - IP65防水等级
- 配备:
- 配件（见16页）
 - 转换接头
 - 1.7米高品质波纹管（PVC或EPDM），Ø25mm（不包含，需单独购买）
 - 5米电源线（不包含，需单独购买）
 - 压力传感管（不包含，需单独购买）
- 适用于：充气式船，帐篷，大型充气式产品；

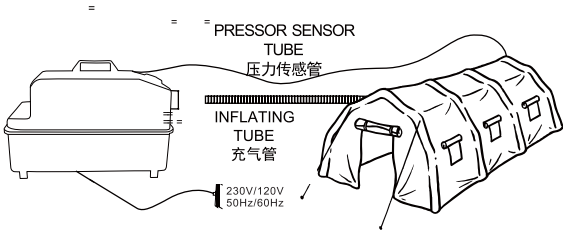


BRAVO 230/2000 A.R.S. IP65
BRAVO 120/2000 A.R.S. IP65



BRAVO 230/2000 IP65
BRAVO 120/2000 IP65

- Characteristics:**
- Inflate/deflate
 - 2 motors
 - A.R.S automatic refilling system (if customer requests).
 - IP65 water proof.
- Equipped:**
- Accessories (see page 16)
 - Adaptors
 - 1.7m high quality hose (PVC or EPDM), Ø25mm (not included, purchase separately).
 - 5m power wire (not included, purchase separately).
 - Pressure sensor tube (not included, purchase separately).
- Suitable:** inflatable boats, tents, high volume inflatable products.



A.R.S. IP65
NB: 不含充气软管和压力传感器软管，需单独购买。
Inflation hose and pression-sensor tube not included, purchasable separately.
IP65
NB: 不含充气软管，需单独购买。
Inflation hose not included, purchasable separately.

- 适用于充气帐篷和其他大型充气产品
- Suitable for inflatable tents and big inflatable products



配转换接头 Equipped with adapter
25/40 mm

系列 Item	型号 Part n.	尺寸 Dimensions	重量 Weight	气流 Air Flow	最大压力 Max P.	电源 Power	认证 Approval
BRAVO 230/2000 IP65	6130600	60 * 24 * h 35 cm	10 Kg	2000 l/min	50/350 mbar(0.7/5.0 psi)	2000 W	ROHS & REACH
BRAVO 120/2000 IP65	6130601	60 * 24 * h 35 cm	10 Kg	2000 l/min	50/350 mbar(0.7/5.0 psi)	1800 W	REACH
BRAVO 230/2000 A.R.S. IP65	6130602	60 * 24 * h 35 cm	10 Kg	2000 l/min	50/350 mbar(0.7/5.0 psi)	2000 W	ROHS & REACH
BRAVO 120/2000 A.R.S. IP65	6130603	60 * 24 * h 35 cm	10 Kg	2000 l/min	50/350 mbar(0.7/5.0 psi)	1800 W	REACH

A.R.S & IP 65配件

Accessories for A.R.S & IP 65



Ø 40 mm * 15 mt 波纹管, 高性能, 用于A.R.S., IP 65, BRAVO 2000W 和OV10/OV6
Ø 40 mm * 15 mt inflation hose, high performance, for pumps A.R.S., IP 65, BRAVO 2000W, and OV10/OV6

Art. 850
型号 Part No. 3721023 - EPDM
Art. 860
型号 Part No. 3721026 - PVC



压力传感器软管, PU Ø 6 mm * 15 mt. 用于泵A.R.S. / A.R.S. IP 65
Pressure sensor hose PU Ø 6 mm * 15 mt. for pumps A.R.S. / A.R.S. IP 65

Art. 866
型号 Part No. 3721027



6 mm 阀门转换接头, 用于连接压力传感器软管和被充气产品阀门
6 mm valve adapter to connect the pressure sensor hose to the valve of the structure to be inflated.

Art. SP 156
型号R151023 用于HR 阀门 (Part No. R151023 is for HR valves)

Art. SP 157
型号 R151024 用于H3和BRAVO 2005 阀门 (Part No. R151024 is for H3 and BRAVO 2005 valves)



Art. 785 - 3721019
Ø 25 mm 不锈钢卡箍 (Ø 25 mm stainless steel hose-collar)

Art. 790 - 3721021
Ø 40 mm 不锈钢卡箍 (Ø 40 mm stainless steel hose-collar)



Art. 760 - S241230
Ø 40 mm管阀接头 (Ø 40 mm hose-valve fitting for valve)
用于阀门BRAVO 260 H.V. (for BRAVO 260 H.V.)
适用于 OV10 - BRAVO 2000W - A.R.S. - IP 65 (Suitable for inflators OV10 - BRAVO 2000W - A.R.S. - IP 65)



Art. 795 - S241232
PVC 变径管 25/20 mm (PVC reduction hose/fitting 25/20 mm)



Code: S201020
Description: Y adaptor for Bravo 2000/OV 10
Y形接头, 电动泵用, 同时连接两根气管

电动充气泵(AC)

Electric Pumps(AC)



- 属性:
- 用于充气/放气
 - 快速充气/放气

- 配备:
- 转换接头
 - 1.5米高品质波纹管（PVC），Ø 25mm
 - 1.7米电源线
 - 彩盒

适用于： 充气式船，帐篷，Kayak，床垫

- Characteristics:
- Inflate/deflate
 - High speed inflation/deflation

- Equipped:
- Adaptors
 - 1.5m high quality hose (PVC), Ø 25mm
 - 1.7 meter power wire.
 - Color box

Suitable: inflatable boats, tents, kayaks, mattress.

BRAVO OV10



BRAVO OV6



BRAVO OV4



系列 Item	型号 Part n.	尺寸 Dimensions	电源 Power	重量 Weight	气流 Air Flow	最大压力 Max P.	认证 Approval
BRAVO OV10 - 230V	6130260	15 * 16 * 17 cm	1000 W	1,7 Kg	1700 l/min	250 mbar (3.6 psi)	CE, ROHS,REACH
BRAVO OV10 - 120V	6130265	15 * 16 * 17 cm	1000 W	1,7 Kg	1700 l/min	250 mbar (3.6 psi)	ETL & REACH
BRAVO OV6 - 230V	6130250	15 * 16 * 17 cm	600 W	1,3 Kg	1600 l/min	175 mbar (2.5 psi)	CE, ROHS, REACH
BRAVO OV6 - 120V	6130255	15 * 16 * 17 cm	600 W	1,3 Kg	1600 l/min	175 mbar (2.5 psi)	ETL & REACH
BRAVO OV4 - 230V	6130240	12 * 15 * 14,5 cm	400 W	0,9 Kg	950 l/min	150 mbar (2.2 psi)	CE, ROHS, REACH
BRAVO OV4 - 120V	6130245	12 * 15 * 14,5 cm	400 W	0,9 Kg	950 l/min	150 mbar (2.2 psi)	REACH

电动充气泵(AC)

Electric Pumps(AC)



- 属性:
- 用于充气/放气
 - 快速充气/放气
- 配备:
- 转换接头
 - 1.5米高品质波纹管（PVC或EPDM），Ø40mm
 - 1.7米电源线
 - 防沙过滤器
- 适用于：充气式船，帐篷，Kayak，大型充气产品；

- Characteristics:**
- Inflate/deflate
 - High speed inflation/deflation
- Equipped:**
- Adaptors
 - 1.5m high quality hose (PVC or EPDM), Ø40mm
 - 1.7 meter power wire.
 - Anti-sand filter
- Suitable:** inflatable boats, tents, kayaks, high volume products.



带防沙过滤器
Equipped with anti-sand filter

系列 Item	型号 Part number	尺寸 Dimensions	电源 Power	重量 Weight	气流 Air Flow	最大压力 Max P.	认证 Approval
BRAVO OV10-40 - 230V	6130269	15 * 16 * 17 cm	1000 w	1,7 Kg	2000 l/min	250 mbar (3.6 psi)	CE, ROHS,REACH
BRAVO OV10-40 - 120V	6130270	15 * 16 * 17 cm	1000 w	1,7 Kg	2000 l/min	250 mbar (3.6 psi)	ETL & REACH

手动充气泵
HAND PUMPS



手动充气泵

Hand Pumps

属性

- 用于充气/放气
- 单向/双向
- 全新的概念和技术，使充气更省力高效
- 筒身一体成型（无漏气）
- 手柄与中心管一体成型
- 压力表和充气管位于盖子上（轻松读取压力值，充气管不随把手晃动）
- 全新技术的压力表
- 脚板可折叠，手柄可拆卸，节省包装空间
- 高容量：2*2100cc

配备：

- 转换接头
- 1.25米高品质波纹管
- 适用于：充气式SUP，充气船，帐篷，KAYAK

Characteristics:

- Inflate/deflate
- Double/Single action
- With a new concept /technology that makes it more efficient (less effort to inflate).
- Making the pump in only one piece (NO air leakage).
- Handle&internal tube are integrated in one piece.
- Gauge on the cover (not on the handle), making easier to read the air pressure.
- New gauge technology.
- Infation port on the cover ,no hose kinking during the inflation phase.
- Base can be foldable and handle can be disassembled, saving package space
- High volume: 2*2100cc

Equipped:

- Adaptors
- 1.25m high quality hose(LDPE+EVA)
- Suitable: Inflatable SUP, BOAT,TENT,KAYAK



- 专利号 Patent No.: ZL 202120445587.2

系列 Item	型号 Part number	尺寸 Dimensions	容量 Capacity	最大压力 Max Pressure	功能 Function	重量 Weight
SUPER Pro Dark Green	6121791	140*150*640/140*270*640mm	2100cc*2	2.0bar/29psi	Inflate & Deflate	1.06kgs

手动充气泵

Hand pumps

属性

- 用于充气/放气
- 三向
- 0-0.4bar, 把旋塞调到1模式 →
- 0.4-0.8bar, 把旋塞调到2模式 →
- 0.8-1.5bar 把旋塞调到3模式 →
- 压力表和充气管位于盖子上(轻松读取压力值, 更加稳定, 气管不随把手晃动)
- 外部铝管 (出气量更大, 更高效)
- 最大建议压力: 22PSI
- 把手可拆下, 脚板可折叠, 节省空间, 便于包装

配备:

- 转换接头
- 1.25米高品质波纹管(LDPE+EVA), 直径20mm
- 适用于: 充气式SUP, 船, 帐篷, KAYAK

Characteristics:

- Inflate/deflate
- Triple Action
- 0-0.4bar: adjust switch to No. 1 position →
- 0.4-0.8bar: adjust switch to No. 2 position →
- 0.8-1.5bar: adjust switch to No. 3 position →
- Manometer & Hose on the cover (easy to read pressure, more stable, hose doesn't move with the handle)
- External aluminum tube (increase pump efficiency)
- Max pressure suggested: 22PSI
- Handle is removable, feet is foldable, save space and easy to pack

Equipped:

- Adaptors
 - 1.25m high quality hose(LDPE+EVA), ø20mm
- Suitable: Inflatable SUP, BOAT, TENT, KAYAK



系列 Item	型号 Part number	尺寸 Dimensions	最大容量 Max Capacity	最大建议压力 Max Pressure Suggested	功能 Function	重量 Weight
Double Max	6122000	345*135*630mm 240*135*630mm	4100cc	1.5 Bar (22psi)	Inflate & Deflate	2kgs
Double Mini	6122100	345*135*500mm 240*135*500mm	3000cc	1.5 Bar (22psi)	Inflate & Deflate	1.9kgs

手动充气泵

Hand pumps

属性

- 用于充气/放气
- 单向/双向
- 全新的概念和技术，使充气更省力高效
- 内部铝管与筒身一体成型（无漏气）
- 压力表和充气管位于盖子上（轻松读取压力值，充气管不随把手晃动）
- 脚板可折叠，手柄可拆卸，节省包装空间
- 高容量：2*2400cc
- 配备：转换接头
- 1.25米高品质波纹管
- 适用于：充气风筝，KAYAK，充气船，帐篷



Characteristics:

- Inflate/deflate
- Double/Single action
- With a new concept /technology that makes it more efficient (less effort to inflate).
- The internal aluminum tube is integrated with the external body pump, making the pump in only one piece (NO air leakage).
- Gauge on the cover (not on the handle), making easier to read the air pressure.
- Inflation port on the cover ,no hose kinking during the inflation phase.
- Base can be foldable and handle can be disassembled, saving package space
- High volume: 2*2400cc
- Equipped:
- Adaptors
- 1.25m high quality hose(LDPE+EVA)
- Suitable: Kite,Kayak, Boat,Tent



专利号：202120445587.2
Patent: 202120445587.2

系列 Item	型号 Part number	尺寸 Dimensions	最大容量 Max Capacity	最大建议压力 Max Pressure Suggested	功能 Function	重量 Weight
K&K	6122201	286*150*520mm 172*150*520mm	2400cc*2	1.0bar/14.5psi	Inflate & Deflate	1.28kgs

手动充气泵

Hand pumps

- 属性
- 用于充气/放气
 - 单向/双向，第一阶段可用双向模式（调到“Double action”位置，Fig 2），当压力达到较高值时，可切换到单向模式（调到“Single action”位置，Fig 1), 轻松充气；
 - 压力表和充气管位于盖子上（轻松读取压力值，更加稳定，管不随把手晃动）
 - 外部铝管（更高效）
 - 高压 29Psi
 - 高容量2*2100cc
 - 脚板可叠，把手可拆下，节省空间，便于包装
- 配备：
- 转换接头
 - 1.25米高品质波纹管（LDPE + EVA），Ø 20mm
- 适用于： 充气式SUP,船，帐篷，KAYAK



- Characteristics:
- Inflate/deflate
 - Double/Single actions: during the 1st phase of the inflation use double action (switch to position “double action” , Fig 2), when the pressure arrives to a relatively higher value, switch to position “Single action” . Fig 1), easy to inflate.
 - Manometer & Hose on the cover (easy to read the pressure, more stable , the hose doesn’ t move with the handle)
 - External aluminum tube (increase the pump efficiency)
 - High pressure 29psi
 - High volume 2*2100cc.
 - Foldable base,handle can be disassembled,save space,easy to pack
 - Adaptors
 - 1.25m high quality hose (LDPE + EVA), Ø 20mm
- Suitable: Inflatable SUP, BOAT, TENT,KAYAK

专利号： 201510148271.6
201830308310.9
Patent No.201510148271.6
201830308310.9

系列 Item	型号 Part number	尺寸 Dimensions	容量 Capacity	最大压力 Max Pressure	功能 Function	重量 Weight
Super F	6121717	145*150*635mm 145*265*635mm	2*2100cc	2.0Bar (29psi)	Inflate & Deflate	1.2KGS

手动充气泵

Hand pumps

属性

- 用于充气/放气
- 单向/双向，第一阶段可用双向模式（调到“Double action”位置，Fig 2），当压力达到较高值时，可切换到单向模式（调到“Single action”位置，Fig 1), 轻松充气；
- 压力表和充气管位于盖子上（轻松读取压力值，更加稳定，管不随把手晃动）
- 外部铝管（更高效）
- 高压 29Psi
- 高容量2*2100cc
- 把手可拆下，节省空间，便于包装

配备：

- 转换接头
- 1.25米高品质波纹管（LDPE + EVA），Ø 20mm

适用于：充气式SUP,船，帐篷，KAYAK



Characteristics:

- Inflate/deflate
- Double/Single actions: during the 1st phase of the inflation use double action (switch to position “double action” , Fig 2), when the pressure arrives to a relatively higher value, switch to position “Single action” . Fig 1), easy to inflate.
- Manometer & Hose on the cover (easy to read the pressure, more stable , the hose doesn’ t move with the handle)
- External aluminum tube (increase the pump efficiency)
- High pressure 29psi
- High volume 2*2100cc.
- Handle can be disassembled, save space, easy to pack

Equipped:

- Adaptors
 - 1.25m high quality hose (LDPE + EVA), Ø 20mm
- Suitable: Inflatable SUP, BOAT, TENT, KAYAK



专利号： 201510148271.6
201830308310.9
Patent No.201510148271.6
201830308310.9

系列 Item	型号 Part number	尺寸 Dimensions	容量 Capacity	最大压力 Max Pressure	功能 Function	重量 Weight
Super	6121700	145*265*635mm	2*2100cc	2.0Bar (29psi)	Inflate & Deflate	1.2KGS

LEVANTE手动充气泵

LEVANTE Hand pumps

- 属性:
- 用于充气/放气
 - 单向/双向，第一阶段可用双向模式（调到“Double action”位置，Fig 2），当压力达到较高值时，可切换到单向模式（调到“Single action”位置，Fig 1），轻松充气；
 - 压力表位于把手上
 - 铝杆
 - 高压 29Psi
 - 高容量2*2000cc
 - 底座可折叠，把手可拆下，节省空间，便于包装
- 配备:
- 转换接头
 - 1.25米高品质波纹管（LDPE + EVA），Ø20mm
- 适用于： 充气式SUP，船，帐篷，Kayak;

- Characteristics:**
- Inflate/deflate
 - Double/Single actions: during the 1st phase of the inflation use double action (switch to position “double action”, Fig 2), when the pressure arrives to a relatively higher value, switch to position “Single action”. Fig 1), easy to inflate.
 - Manometer on handle
 - Aluminum shaft
 - High pressure 29psi
 - High volume 2*2000cc.
 - Foldable base, handle can be disassembled, save space, easy to pack
- Equipped:**
- Adaptors
 - 1.25m high quality hose (LDPE + EVA), Ø 20mm
- Suitable:** inflatable SUP, boats, tents, kayaks.



- 专利号 Patent No.: ZL 2017215005878
ZL 201721501442X
ZL 2017305532216

系列 Item	型号 Part number	尺寸 Dimensions	容量 Capacity	最大压力 Max Pressure	功能 Function	重量 Weight
LEVANTE	6120480	105 x 150 x 630 mm 105 x 265 x 630 mm	2*2000 cc	2.0 bar (29 psi)	inflate and deflate	1.0 Kg

NANO手动充气泵

NANO Hand pumps

- 属性:
- 用于充气/放气
 - 单向/双向，第一阶段可用双向模式（调到“Double action”位置，Fig 2），当压力达到较高值时，可切换到单向模式（调到“Single action”位置，Fig 1），轻松充气；
 - 压力表位于把手上
 - 铝杆
 - 高压 29Psi
 - 中等容量2*1100cc
 - 底座可折叠，把手可拆下，节省空间，便于包装
- 配备:
- 转换接头
 - 1.25米高品质波纹管（LDPE + EVA），Ø20mm
- 适用于： 充气式SUP，船，帐篷，Kayak;

- Characteristics:
- Inflate/deflate
 - Double/Single actions: during the 1st phase of the inflation use double action (switch to position “double action”, Fig 2), when the pressure arrives to a relatively higher value, switch to position “Single action”. Fig 1), easy to inflate.
 - Manometer on handle
 - Aluminum shaft
 - High pressure 29psi
 - Medium volume 2*1500cc.
 - Foldable base, handle can be disassembled, save space, easy to pack
- Equipped:
- Adaptors
 - 1.25m high quality hose (LDPE + EVA), Ø20mm
- Suitable: inflatable SUP, boats, tents, kayaks.



- 专利号 Patent No.: ZL 2017215005878
ZL 201721501442X
ZL 2017305532216

系列 Item	型号 Part number	尺寸 Dimensions	容量 Capacity	最大压力 Max Pressure	功能 Function	重量 Weight
NANO	6121600	105 x 150 x 450 mm 105 x 265 x 450 mm	2 x 1100 cc	2.0 bar (29 psi)	inflate and deflate	0.8 Kg

SKYWATER手动充气泵

SKYWATER Hand pumps

高效
High performance

属性:

- 用于充气/放气
- 单向/双向，第一阶段可用双向模式（调到“Double action”位置，Fig 2），当压力达到较高值时，可切换到单向模式（调到“Single action”位置，Fig 1），轻松充气；
- 压力表位于盖子上（轻松读取压力值，更加稳定，管不随把手晃动）
- 外部铝管（更高效）
- 中等压力 14.5Psi
- 高容量2*3200cc
- 底座可折叠，把手可拆下，节省空间，便于包装

配备:

- 转换接头
- 1.25米高品质波纹管（LDPE + EVA），Ø 0mm

适用于：充气式风筝，船，帐篷，大型充气产品

Characteristics:

- Inflate/deflate
- Double/Single actions: during the 1st phase of the inflation use double action (switch to position “double action”, Fig 2), when the pressure arrives to a relatively higher value, switch to position “Single action”. Fig 1), easy to inflate.
- Manometer on the cover (easy to read the pressure, more stable , the hose doesn't move with the handle)
- External aluminum tube (increase the pump efficiency)
- Medium pressure 14.5psi
- High volume 2*3200cc.
- Foldable base, handle can be disassembled, save space, easy to pack

Equipped:

- Adaptors
- 1.25m high quality hose (LDPE + EVA), Ø 20mm

Suitable: inflatable kites, boats, tents, high volume products



SKYWATER

SKYWATER KITE



- 专利号: ZL 2015 1 0148271.6
- Patent No. ZL 2015 2 0190390.3

系列 Item	型号 Part number	尺寸 Dimensions	容量 Capacity	最大压力 Max Pressure	功能 Function	重量 Weight
SKYWATER	6120801	165 x 170 x 635 mm 275 x 170 x 635 mm	2*3200 cc	1.0 bar (14.5 psi)	inflate and deflate	1.5
SKYWATER KITE	6120800	165 x 170 x 635 mm 275 x 170 x 635 mm	2*3200 cc	1.0 bar (14.5 psi)	inflate and deflate	1.5

手动充气泵

Hand pumps

- 属性:
- 用于充气/放气
 - 单向
 - 可折叠底座
 - 压力表位于底座上 (抗震)
 - 铝杆
- 配备:
- 转换接头
 - 1.25米高品质波纹管 (LDPE + EVA) , Ø20mm
- 适用于: 充气式船, 帐篷, Kayak, 床垫

- Characteristics:
- Inflate/deflate
 - Single action
 - Foldable foot base
 - Manometer on base(anti-shock)
 - Aluminum shaft.
- Equipped:
- Adaptors
 - 1.25m high quality hose (LDPE + EVA) , Ø20mm
- Suitable:** inflatable boats, tents, kayaks, mattress.



WINGS



WINGS D



可折叠底座
Foldable base

- 专利号 Patent No.: ZL 2016214089246

系列 Item	型号 Part number	尺寸 Dimensions	容量 Capacity	最大压力 Max Pressure	功能 Function	重量 Weight
BRAVO WINGS	6120027	19.5*15.0*58.5cm	2200 cc	1.0 bar(14.5 psi)	Inflate	0.9 Kg
BRAVO WINGS D	6120028	19.5*15.0*58.5cm	2200 cc	1.0 bar(14.5 psi)	Inflate and deflate	0.9 Kg

手动充气泵(SUP)

Hand Pumps(SUP)

- 属性:
- 单向/双向, 第一阶段可用双向模式 (调到“Double action”位置, Fig 2),当压力达到较高值时, 可切换到单向模式 (调到” Single action” 位置, Fig 1), 轻松充气;
 - 压力表位于把手上
 - 舒适底座
 - 铝杆
 - 高压力 29Psi
 - 高容量2*2000cc;

- 配备:
- 转换接头
 - 1.25米高品质波纹管 (LDPE + EVA) , Ø20mm
- 适用于: 充气式SUP, 船, 帐篷, Kayak;

- 注:
- BRAVO SUP-4 PUMP和NEW BRAVO SUP-4仅用于充气
 - NEW BRAVO SUP-4D可用于充气和放气

- Characteristics:
- Double/Single actions: during the 1st phase of the inflation use double action (switch to position “double action”, Fig 2), when the pressure arrives to a relatively higher value, switch to position “Single action”. Fig 1), easy to inflate.
 - Manometer on handle
 - Comfortable base
 - Aluminum shaft
 - High pressure 29psi
 - High volume 2*2000cc.

- Equipped:
- Adaptors
 - 1.25m high quality hose (LDPE + EVA) , Ø20mm
- Suitable: inflatable SUP, boats, tents, kayaks.

- Remarks:
- BRAVO SUP-4 PUMP and NEW BRAVO SUP-4 use only for inflation
 - NEW BRAVO SUP-4D can use for inflation and deflation



- 专利号: ZL 2015 2 0362010.x
- Patent No.ZL 2015 2 0364471.0



Single action Fig.1



double action Fig.2

- 专利号 Patent No.: ZL 201520364471
ZL 201520362010.X
ZL 201530170992.8

系列 Item	型号 Part number	尺寸 Dimensions	容量 Capacity	最大压力 Max Pressure	重量 Weight
NEW BRAVO SUP-4	6120412	14 * 30 * 63 cm	2 *2000 cc	2.0 bar (29psi)	1.0 Kg
NEW BRAVO SUP-4D	6120413	14 * 30 * 63 cm	2 *2000 cc	2.0 bar (29psi)	1.0 Kg

手动充气泵(SUP)

Hand pumps(SUP)

- 属性:
- 用于充气/放气
 - 单向/双向，第一阶段可用双向模式（红夹关，Fig 1）,当压力达到较高值时，可切换到单向模式（红夹开，Fig 2)
 - 压力表位于把手上
 - 铝杆
 - 高压 27.5Psi
 - 高容量2*2000cc;
- 配备:
- 转换接头
 - 1.25米高品质波纹管（LDPE + EVA），Ø20mm
- 适用于：充气式SUP，船，帐篷，Kayak;

- Characteristics:**
- Inflate/deflate
 - Double/Single actions: during the 1st phase of the inflation use double action (red clip closed, Fig 1), when the pressure arrives to a relatively higher value, use “Single action”(red clip open, Fig 2).
 - Manometer on handle
 - Aluminum shaft.
 - High pressure 27.5psi
 - High volume 2*2000cc.

- Equipped:**
- Adaptors
 - 1.25m high quality hose (LDPE + EVA), Ø 20mm
- Suitable:** inflatable SUP, boats, tents, kayaks.



NEW BRAVO SUP-3 PUMP

- 专利号: ZL 2013 2 0467271.9
- Patent No. ZL 2013 1 0332811.7



Fig.1



Fig.2

- 专利号 Patent No.: ZL 201310332881.7
ZL 201330367641.7
ZL 201330457024.6

系列 Item	型号 Part number	尺寸 Dimensions	容量 Capacity	最大压力 Max Pressure	重量 Weight
NEW BRAVO SUP-3	6120439	8*22*63cm	1*2000cc	1,9 bar (27.5 psi)	1.0 Kg

手动充气泵(SUP)

Hand pumps(SUP)

属性:

- 用于充气
- 单向
- 铝杆
- 中等压力 14.5Psi

配备:

- 转换接头
- 压力表（不包含，需单独购买）
- 1.25米高品质波纹管（LDPE + EVA）, Ø20mm

适用于：充气式SUP，船，帐篷，Kayak;

Characteristics:

- Inflate
- Single action
- Aluminum shaft.
- Medium pressure 14.5psi

Equipped:

- Adaptors
- Manometer (not included, purchase separately).
- 1.25m high quality hose (LDPE + EVA), Ø20mm

Suitable: inflatable SUP, boats, tents, kayaks.



NEW BRAVO SUP PUMP

-专利号 Patent No: ZL 2010 3 0243234.1



Optional SUP PUMP
SP 90 SUP
0,5-1,5 bar (7,3 - 21,8 PSI)

系列 Item	型号 Part number	尺寸 Dimensions	容量 Capacity	最大压力 Max Pressure
NEW BRAVO SUP PUMP	6120078	11 * 22 * 53 cm	1*2500 cc	1,0 bar (14.5 psi)
SP 90 SUP	R551097	/	/	0,5-1,5 bar (7,3-21,8 psi)

手动充气泵

Hand pumps

- 属性:
- 用于充气/放气
 - 单向/双向, R.E.D(省力装置), 超过400mbar时自动由双向模式切换到单向模式, 以便在较高压力充气时更省力;

- 配备:
- 转换接头
 - 压力表 (不包含, 需单独购买)
 - 1.25米高品质波纹管 (LDPE + EVA), Ø20mm
 - 带安全绳 (仅限于风筝款)

适用于: 充气式 船, 帐篷, 风筝, Kayak;

Characteristics:

- Inflate/deflate
- Double/single action, R.E.D (reduced effort device), automatic switch from double action into single action over 400mar in order to reduce the effort at higher pressure.

Equipped:

- Adaptors
- Manometer (not included, purchase separately).
- 1.25m high quality hose (LDPE + EVA), Ø20mm
- LEASH for kite version.

Suitable: inflatable boats, tents, kites, kayaks.

选择购买
optional
SP 90 B - EDP R551093



校准 / Calibr.
0-1 bar (0-14.5 psi)

REDUCED EFFORT DEVICE

超过400mbar时自动由双向模式转为单向模式, 以便在较高压力时更省力

Automatic switch from double action into single action over 400 mbar in order to reduce the effort at higher pressures.

用于风筝FOR KITE



NEW BRAVO ALU R.E.D.

- 专利号 Patent No.: ZL 201010108080.4

NEW BRAVO ALU R.E.D.KITE

- 专利号 Patent No.: ZL 201010108080.4

系列 Item	型号 Part number	包装尺寸 Box imensions	容量 Capacity	最大压力 Max Pressure
NEW BRAVO ALU R.E.D.	6120051	11 * 22 * 47 cm	2*2000 cc	800 mbar (11.6 psi)
NEW BRAVO ALU R.E.D.KITE	6120056	11 * 22 * 47 cm	2*2000 cc	800 mbar (11.6 psi)

手动充气泵

Hand pumps

- 属性:
- 用于充气/放气
 - 单向
 - 高强度PVC泵身

- 配备:
- 转换接头
 - 2米高品质波纹管（PVC），Ø30mm
 - 硅胶密封圈
 - 活塞配有额外的密封圈

适用于： 充气筏（船）

- Characteristics:**
- Inflate/deflate
 - Single action
 - Strong body made of PVC

- Equipped:**
- Adaptors
 - 2m high quality hose (PVC), Ø30mm
 - Gasket made of silicon rubber
 - Spare gasket for the piston

Suitable: inflatable rafts (boats).

用于筏子FORRAFTS



系列 Item	型号 Part number	包装尺寸 Box Dimensions	容量 Capacity	最大压力 Max Pressure
BRAVO JUMBO	6120010	31 * 22 * 71 cm h 70 cm (28") ø 12,5 cm (5")	400 lt/min a-at 60 cycle/min	300mbar(4.4 psi)

- 属性:
- 用于充气/放气
 - 双向

- 配备:
- 转换接头
 - 1.25米高品质波纹管（LDPE+EVA），Ø20mm

适用于： 充气船，帐篷，Kayaks

- Characteristics:**
- Inflate/deflate
 - Double action

- Equipped:**
- Adaptors
 - 1.25m high quality hose (LDPE+EVA), Ø20mm

Suitable: inflatable boats, tents, kayaks



NEW BRAVO 4



NEW BRAVO 4 SH

系列 Item	型号 Part number	包装尺寸 Box Dimensions	容量 Capacity	最大压力 Max Pressure
NEW BRAVO 4	6120046	11 * 22 * 45 cm	2 *2000 cc	500 mbar(7.2 psi)
NEW BRAVO 4SH	6120049	11 * 22 * 40 cm	2 *1500 cc	500 mbar(7.2 psi)

手拉气泵配件 Hand Pump Accessories



手拉气泵配件

Hand Pump Accessory

属性

- 新型气管固定接头，用于固定打气筒气管，避免气管丢失或散开，使用简单便捷。



Characteristics:

- A new smart hose clip, keep hose always mounted closely to the body. Avoid hose missing, easy to use.



6996000

Suit for pump without external Alu tube such as SUP-3/SUP-4/LEVANTE
适用于没有外置铝管的打气筒，如：SUP-3/SUP-4/LEVANTE



6996000

6996001

Suit for pump with external Alu tube such as SUPER/SUPER F/SKYWATER
适用于有外置铝管的打气筒，如：SUPER/SUPER F/SKYWATER



系列 Item	型号 Part number	功能 Function	重量 Weight	材质 Material
Hose Clip Connected with Inflation Port	6996000	Mount hose to pump body	23.1g	PP
Hose Clip Connected with Alu Tube	6996001	Mount hose to pump body	5.8g	PP

安全阀配件
Relief accessory

- 用于BRAVO 4, BRAVO 4 SH, SUP PUMP, SUP-HP PUMP, SUP-3 PUMP, SUP-4 PUMP
 - 有效保护充气产品的使用安全, 防止充气过量
 - 可根据客户需求定制开启/关闭压力
-
- Used for BARVO 4, BRAVO 4 SH, SUP PUMP, SUP-HP PUMP, SUP-3 PUMP, SUP-4 PUMP
 - Protect the inflated products and ensure the safety, prevent to be over-inflated
 - Open/close pressure can be customized



系列 Item	型号 Part number	校正 Calibration	颜色 Color	开启 Opening			关闭 Closing		
				KPA	mbar	psi	KPA	mbar	psi
Relief accessory SP90R	R151080	270/230	绿色/green	27	270	3.9	23	230	3.3
	R151081	310/270	黄色/yellow	31	310	4.5	27	270	3.9
	R151082	350/310	红色/red	35	350	5.1	31	310	4.5

接头 Fittings

属性

- 产品名称: 771 多功能转换头
- 材料: PA6+玻纤
- 优点: 接头之间不会漏气

功能:

- 快速实现HR气嘴接头与Kite/Boston气嘴接头的转换.

Characteristics:

- Item Name: Art 771 Multi Adaptor
- Material: PA6+Fiberglass
- Advantage : NO air leakage between adaptors because internal integrated gasket

Function:

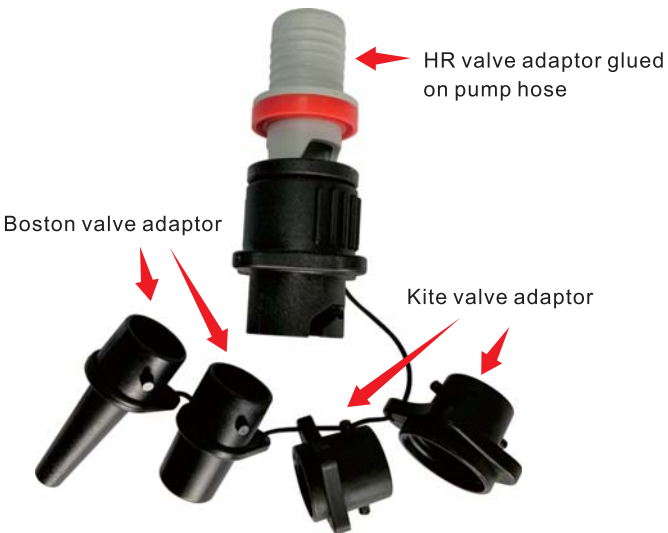
- Make a fast connection between HR valve adaptor and Kite/Boston valve adaptors.

两种选项可供选择:

- 1: 单个多功能接头
- 2: 多功能组合接头

Two Options available:

- No.1: Single Mult Adaptor
- No.2: Multi Adaptor Set



No 1: R990042 Art 771 Multi Adaptor










No 2: R990044 Multi Adaptor Set

- 专利号 Patent No.: ZL 202021566873.6

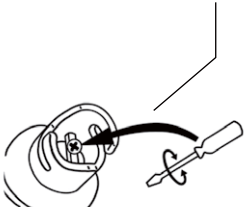
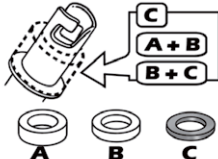
系列 Item	型号 Part number	材料 Material
Art 771 Multi Adaptor	R990042	PA6+Fiberglass
Multi Adaptor Set	R990044	PA6+Fiberglass

接头

Fittings

							
阀门 Valves	Art. 711 型号 5202019	Art. 712 型号 5202021	Art. 718/HRK 型号 S241206	Art. 718/ADJ 型号 S241202	Art. 718/2005 型号 S241200	Art. 718/HR 型号 S241198	Art. 734 型号 S241096
2000	.	.					.
2001	.	.		.			
2004	.	.	.	.
2005-2005/A	.	.		.	.
HR	.	.	.	.		.
H3	.	.			.		
其他/OTHERS	.	.		.			

ADJUSTABLE



调节时请确保阀门已打开

For adjustment please make sure the valve is open

脚踏式充气泵
FOOT PUMPS



脚踏式充气泵

Foot pumps

- 属性:
- 用于充气/放气
 - 双室结构, 给管充气时, 先盖上盖子 (至4.4psi), 给地板充气时, 取下盖子 (至14.5psi); (见图)
 - 所有金属角采用不锈钢材质
 - 增强织物涂层波纹管
- 配备:
- 转换接头
 - 1.7米高品质波纹管 (LDPE+EVA), Ø20mm
- 适用于: 充气船

Characteristics:

- Inflate/deflate
- Double chambers; to inflate the tubulars, start inflating the cap inserted (up to 4.4psi), to inflate the bottom, remove the cap (up to 14.5psi); (see below drawings).
- All metal corners made of stainless steel
- Reinforced fabric coated.

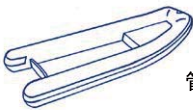
Equipped:

- Adaptors
- 1.7m high quality hose (LDPE+EVA), Ø20mm

Suitable: inflatable boats.



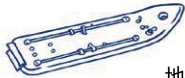
-专利号 Patent No. U000392



管/ tubulars



关 Close
最大压力 - 0,3 bar (4.4 psi)
Max pressure
6,5 L



地板/ floor



开 Open
最大压力- 1,0 bar (14.5 psi)
Max pressure
1,5 L

系列 Item	型号 Part number	尺寸 Dimensions	气流 Air flow	最大压力 Max Pressure	重量 Weight
BRAVO 9	6090009	32 * 23 * h 7 cm	6,5 L	1,0 bar (14.5 psi)	1,6 Kg

脚踏式充气泵

Foot pumps

- 属性:
- 用于充气/放气
 - 单室结构
 - 所有金属角采用不锈钢材质
 - 增强织物涂层波纹管
 - 可选择购买带压力表的款式 (BRAVO 8M和 BRAVO 7M) ;
- 配备:
- 转换接头
 - 1.7米高品质波纹管 (LDPE+EVA) , Ø20mm
- 适用于: 充气船

- Characteristics:**
- Inflate/deflate
 - Single chamber
 - All metal corners made of stainless steel
 - Reinforced fabric coated.
 - Manometer as a option for BRAVO 8M and BRAVO 7M;
- Equipped:**
- Adaptors
 - 1.7m high quality hose (LDPE+EVA) , Ø 20mm
- Suitable:** inflatable boats.



-专利号 Patent No. U000094



-专利号 Patent No. U000094

系列 Item	型号 Part number	尺寸 Dimensions	气流 Air flow	最大压力 Max Pressure	重量 Weight
BRAVO 8	6090008	32 * 23 * h 7 cm	6,5 L	300 mbar (4.4 psi)	1,43 Kg
BRAVO 8M	6090018	32 * 23 x h 7 cm	6,5 L	300 mbar (4.4 psi)	1,5 Kg
BRAVO 7	6090007	28 * 21 * h 6 cm	5 L	400 mbar (5.8 psi)	1,1Kg
BRAVO 7M	6090017	28 * 21 * h 6 cm	5 L	400 mbar (5.8 psi)	1,12 Kg

脚踏式充气泵

Foot pumps

- 属性:
- 用于充气/放气
 - 单室结构
 - 所有金属角采用不锈钢材质
 - 增强织物涂层波纹管

- 配备:
- 转换接头
 - 1.25米高品质波纹管（LDPE+EVA），Ø16mm
- 适用于: 充气船

- Characteristics:
- Inflate/deflate
 - Single chamber
 - All metal corners made of stainless steel
 - Reinforced fabric coated.

- Equipped:
- Adaptors
 - 1.25m high quality hose (LDPE+EVA), Ø 16mm
- Suitable: inflatable boats.



系列 Item	型号 Part number	尺寸 Dimensions	气流 Air flow	最大压力 Max Pressure	重量 Weight
5001F	6065009	29 * 21 * h 7 cm	6 L	300 mbar (4.4 psi)	0,76 Kg
6011F	6056013	29 * 18 * h 6 cm	5 L	400 mbar (5.8 psi)	0,6 Kg
LR 7011/S	6057013	22 * 16 * h 6 cm	3 L	300 mbar (4.4 psi)	0,5 Kg

脚踏式充气泵

Foot pumps

属性:

- 用于充气/放气
- 单室结构
- 所有金属角采用不锈钢材质
- PVC波纹管

配备:

- 转换接头
- 1.25米高品质波纹管（LDPE+EVA），Ø16mm

适用于： 充气船

Characteristics:

- Inflate/deflate
- Single chamber
- All metal corners made of stainless steel
- Coated PVC bellows

Equipped:

- Adaptors
- 1.25m high quality hose (LDPE+EVA), Ø16mm

Suitable: inflatable boats.



系列 Item	型号 Part number	尺寸 Dimensions	气流 Air flow	最大压力 Max Pressure	重量 Weight
5001	6055009	28 * 21 * h 7 cm	6 L	300 mbar (4.4 psi)	0,76 Kg
6011	6056011	27 * 18 * h 6 cm	5 L	400 mbar (5.8 psi)	0,6 Kg
7011	6057011	22 * 16 * h 6 cm	3 L	400 mbar (5.8 psi)	0,5 Kg
9000	6320002	Ø 19 - h 6 cm	1.5 L	100 mbar (1.5 psi)	0,3 Kg

SUP桨
SUP PADDLES



SUP桨

SUP Paddles

属性

- 全碳纤桨杆及桨叶使整体重量更轻
- 此桨适用于各种人群包括探险爱好者，儿童及女性
- 缩短后长度仅73cm，节省空间，易于包装及运输
- 伸缩式结构，使用前后无需拆卸，采用自锁式结构，转动桨杆即可轻松锁紧或解锁

配备

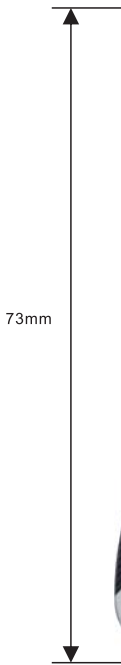
- 背包
- 适用于：SUP

Characteristics:

- Carbon fiber shaft and blade makes it super light
- The new telescopic carbon fiber paddle is suitable for adventurous people, kids and women.
- Shortest length is only 73cm, easy to pack and transportation, saving space
- The telescopic system do not need assembly and disassembly as traditional collapsible structure, auto-lock system makes it easy to lock or unlock by rotating the shaft

Equipped:

- Carry bag
- Suitable: SUP



Carry bag



- 专利号 Patent No.: ZL 202221333146.4

系列 Item	型号 Part number	长度 Length	桨杆材质 Shaft Material	桨叶材质 Blade Material	桨叶尺寸 Blade Dimension	直径 Diameter	重量 Weight
New Telescopic SUP Paddle Carbon Fiber	6231201	73-205cm	Carbon Fiber	Carbon Fiber	410*195mm	φ32.5mm	0.71kg

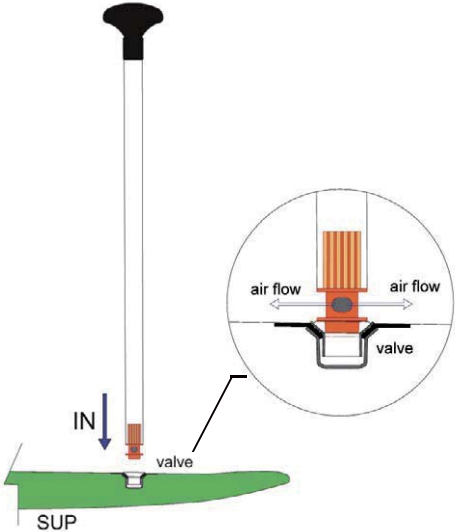
SUP桨

SUP Paddles

- 属性:
- 新的安全放气接头（橙色），保证SUP的安全放气，将连接接头的杆插入阀门，气流从水平方向流出；
 - 第一个锁扣用于调节桨长度（175~215mm）
 - 第二个锁扣可在使用时避免晃动
 - 铝合金桨杆& 玻纤增强尼龙桨叶
- 配备:
- 拆成3段包装
- 适用于： SUP

- Characteristics:**
- New safe deflate adaptor(in orange),guarantee the SAFE deflation of the SUP, easy to use/push the handle-shaft directly on the valve andAIR flow out horizontally
 - Nr.1 lever lock system to adjust the length of the paddle (175mm ~ 215mm)
 - Nr.2 lever lock system to avoid shaking in usage.
 - Aluminum shaft & Fiber glass reinforced nylon blad-
- Equipped:**
- 3 collapsible parts
- Suitable:** SUP boards

2个锁扣
Nr.2 lever
lock



系列 Item	型号 Part number	长度 Length	桨杆材质 Shaft Material	桨叶Blade		直径 Diameter	重量 Weight	备注 Remarks
				材质Material	尺寸size			
NEW SUP PADDLE WITH SAFE DEFLATION ADAPTOR	6230295	175-215cm	铝Aluminum	玻纤增强尼龙 FG reinforced nylon PA66	40*20cm	Ø 29.4mm	1170g	2个锁扣 Nr.2 lever lock

SUP桨

SUP Paddles

属性:

- 新的安全放气接头（橙色），保证SUP的安全放气，将连接接头插入阀门，气流从水平方向流出；
- 第一个锁扣用于调节桨长度（175~215mm）
- 第二个锁扣可在使用时避免晃动
- 玻纤桨杆& 玻纤增强尼龙桨叶

配备:

- 拆成3段包装

适用于: SUP

成人Adult
75-215mm

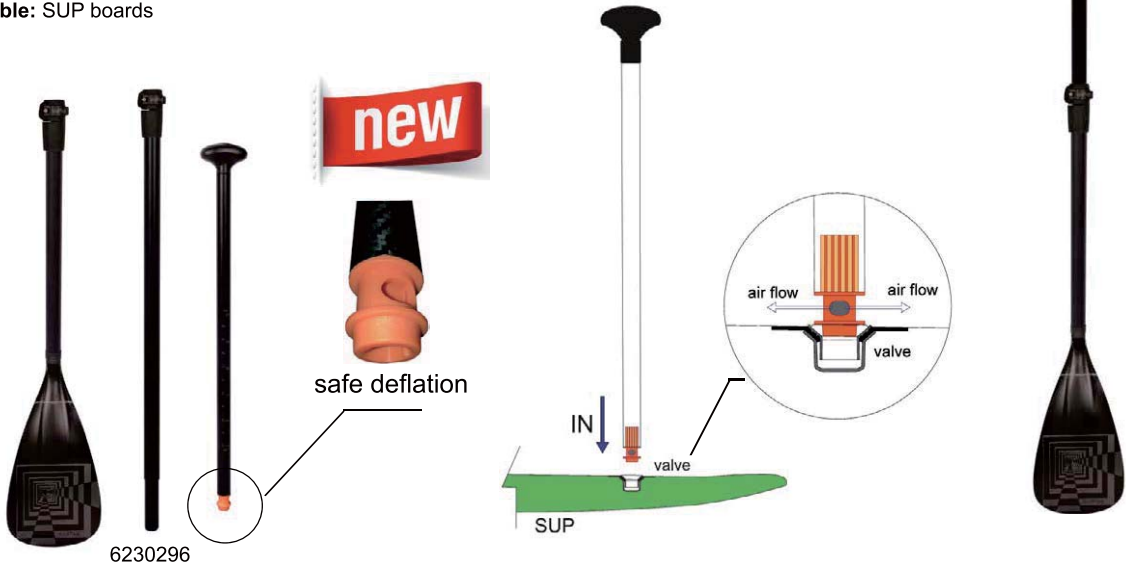
Characteristics:

- New safe deflate adaptor(in orange),guarantee the SAFE deflation of the SUP, easy to use/push the handle-shaft directly on the valve and AIR flow out horizontaly
- Nr.1 lever lock system to adjust the length of the paddle (175mm ~ 215mm)
- Nr.2 lever lock system to avoid shaking in usage.
- Fiber glass shaft & Fiber glass reinforced nylon blade

Equipped:

- 3 collapsible parts

Suitable: SUP boards



系列 Item	型号 Part number	长度 length	桨杆材质 Shaft Material	桨叶Blade		直径 Diameter	重量 Weight
				材质Material	尺寸size		
NEW SUP PADDLE WITH SAFE DEFLATION ADAPTOR	6230296	175-215cm	玻纤(哑光) Fiber glass(matt)	玻纤增强尼龙 FG reinforced nylon PA66	40*20cm	Ø30mm	990g

SUP桨

SUP Paddles

属性：

- 新的安全放气接头（橙色），保证SUP的安全放气，将连接接头插入阀门，气流从水平方向流出；
- 第一个锁扣用于调节桨长度（175~215mm）
- 第二个锁扣可在使用时避免晃动
- 碳纤桨杆& 玻纤增强尼龙桨叶

配备：

- 拆成3段包装

适用于： SUP

成人Adult
175-215mm

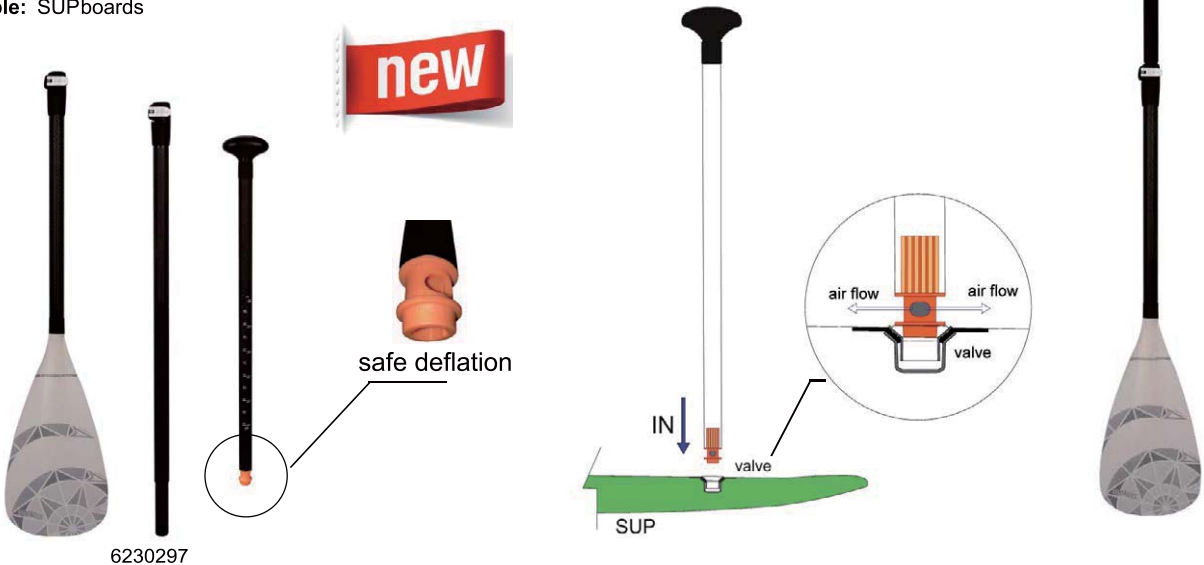
Characteristics:

- New safe deflate adaptor(in orange),guarantee the SAFE deflation of the SUP, easy to use/push the handle-shaft directly on the valve and AIR flow out horizontally
- Nr.1 lever lock system to adjust the length of the paddle (175mm ~ 215mm)
- Nr.2 lever lock system to avoid shaking in usage.
- Carbon fiber shaft & Fiber glass reinforced nylon blade

Equipped:

- 3 collapsible parts

Suitable: SUPboards



系列 Item	型号 Part number	长度 Length	桨杆材质 Shaft Material	桨叶Blade	尺寸size	直径 Diameter	重量 Weight
				材质Material			
NEW SUP PADDLE WITH SAFE DEFLATION ADAPTOR	6230297	175-215cm	玻纤/碳纤 Carbon /glass fiber	玻纤增强尼龙 FG reinforced nylon PA66	40*20cm	Ø30mm	900g

SUP 桨

SUP Paddles

- 属性:
- 第一个锁扣用于调节桨长度（175~215mm）
 - 第二个锁扣可在使用时避免晃动
 - 激光雕刻图案
 - 铝合金桨杆
 - 玻纤增强尼龙桨叶

- 配备:
- 拆成3段包装
- 适用于: SUP

- Characteristics:**
- Nr.1 lever lock system to adjust the length of the paddle (175mm ~ 215mm)
 - Nr.2 lever lock system to avoid shaking in usage.
 - Laser graphic technology.
 - Aluminum shaft
 - Fiber glass reinforced nylon blade

- Equipped:**
- 3 collapsible parts
- Suitable:** SUP boards



系列 Item	型号 Part number	长度 Length	桨杆材质 Shaft Material	桨叶Blade		直径 Diameter	重量 Weight	备注 Remarks
				材质Material	尺寸size			
SUP PADDLE ADJUSTABLE ALU	6230272	175-215cm	铝Aluminum	玻纤增强尼龙 FG reinforced nylon PA66	40*20cm	Ø 29.4mm	1160g	1个锁扣 Nr.1 lever lock
	6230273	175-215cm	铝Aluminum	玻纤增强尼龙 FG reinforced nylon PA66	40*20cm	Ø 29.4mm	1160g	2个锁扣 Nr.2 lever lock
	6230277	175-215cm	铝Aluminum	玻纤增强尼龙 FG reinforced nylon PA66	40*20cm	Ø 29.4mm	1160g	2个锁扣 Nr.2 lever lock

SUP桨

SUP Paddles

- 属性:
- 第一个锁扣用于调节桨长度 (175~215mm)
 - 第二个锁扣可在使用时避免晃动
 - 激光雕刻图案
 - 玻纤桨杆
 - 玻纤增强尼龙桨叶

- 配备:
- 拆成3段包装
- 适用于: SUP

- Characteristics:
- Nr.1 lever lock system to adjust the length of the paddle (175mm ~ 215mm)
 - Nr.2 lever lock system to avoid shaking in usage.
 - Laser graphic technology.
 - Fiber glass shaft
 - Fiber glass reinforced nylon blade

- Equipped:
- 3 collapsible parts
- Suitable: SUP boards



系列 Item	型号 Part number	长度 length	桨杆材质 Shaft Material	桨叶Blade		直径 Diameter	重量 Weight
				材质Material	尺寸size		
SUP PADDLE ADJUSTABLE FIBER GLASS	6230271	175-215cm	玻纤(亮光) Fiber glass(shine)	玻纤增强尼龙 FG reinforced nylon PA66	40*20cm	Ø 30mm	980g
	6230283	175-215cm	玻纤(哑光) Fiber glass(matt)	玻纤增强尼龙 FG reinforced nylon PA66	40*20cm	Ø30mm	980g

SUP桨

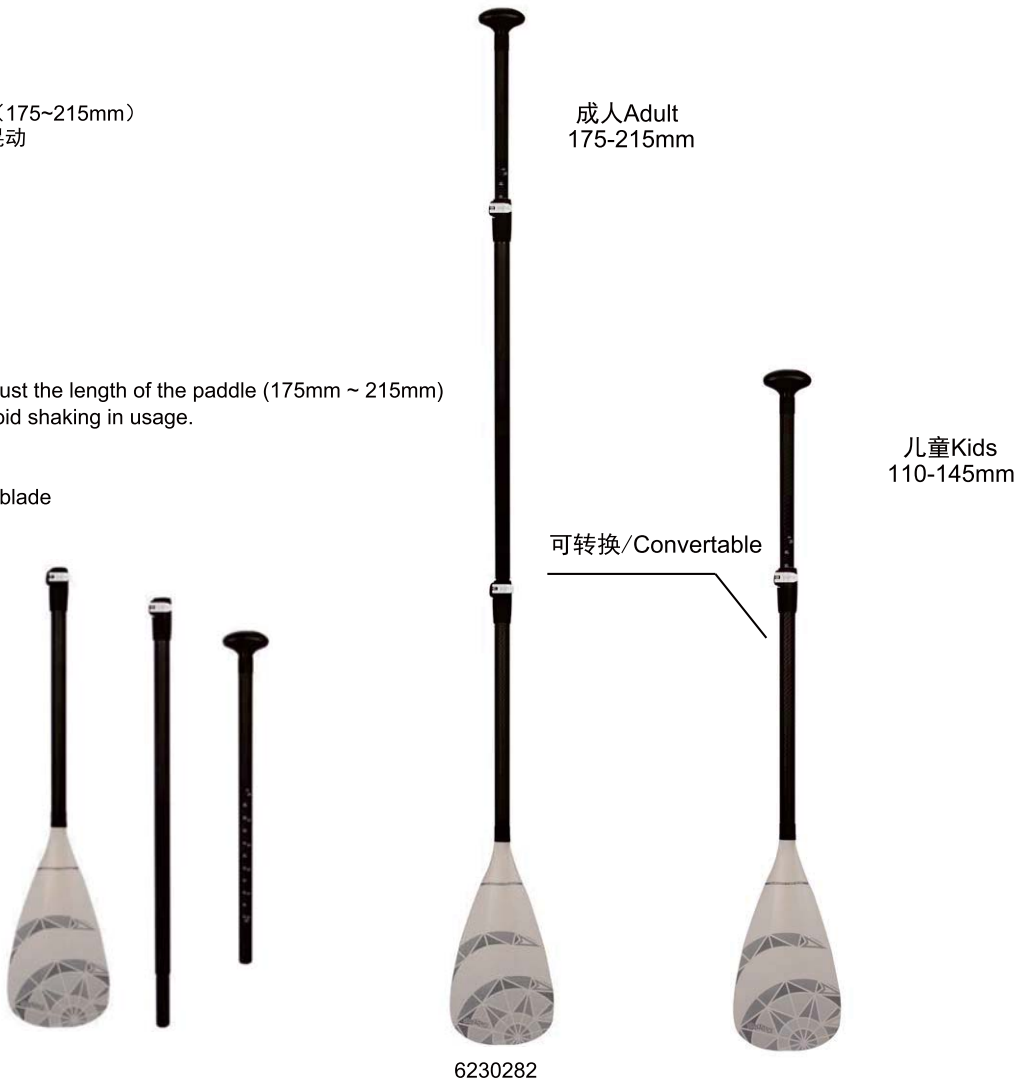
SUP Paddles

- 属性:
- 第一个锁扣用于调节桨长度 (175~215mm)
 - 第二个锁扣可在使用时避免晃动
 - 激光雕刻图案
 - 碳纤桨杆
 - 玻纤增强尼龙桨叶

- 配备:
- 拆成3段包装
- 适用于: SUP

- Characteristics:
- Nr.1 lever lock system to adjust the length of the paddle (175mm ~ 215mm)
 - Nr.2 lever lock system to avoid shaking in usage.
 - Laser graphic technology.
 - Carbon fiber shaft
 - Fiber glass reinforced nylon blade

- Equipped:
- 3 collapsible parts
- Suitable: SUP boards



系列 Item	型号 Part number	长度 Length	桨杆材质 Shaft Material	桨叶Blade	尺寸size	直径 Diameter	重量 Weight
				材质Material			
SUP PADDLE ADJUSTABLE CARBON FIBER	6230268	175-215cm	玻纤/碳纤 Carbon /glass fiber	玻纤增强尼龙 FG reinforced nylon PA66	40*20cm	Ø 30mm	890g
	6230282	175-215cm	玻纤/碳纤 Carbon /glass fiber	玻纤增强尼龙 FG reinforced nylon PA66	40*20cm	Ø30mm	890g

SUP 桨

SUP Paddles

- 属性:
- 一个锁扣用于调节桨长度 (175~205mm)
 - 一个推针锁系统
 - 100%碳纤维桨杆和桨叶
 - 超轻

- 配备:
- 拆成3段包装
- 适用于: SUP

- Characteristics:**
- Nr.1 lever lock system to adjust the length of the paddle (175mm ~ 205mm)
 - Nr.1 push pin lock system.
 - 100% carbon fiber shaft and blade.
 - Ultra-light.
- Equipped:**
- 3 collapsible parts
- Suitable:** SUP boards



6231200

系列 Item	型号 Part number	长度 Length	桨杆材质 Shaft Material	桨叶Blade		直径 Diameter	重量 Weight
				材质Material	尺寸size		
SUP PADDLE CARBON	6231200	170-205cm	碳纤维 Carbon Fiber	碳纤维 Carbon Fiber	40*20cm	Ø 30mm	690g

SUP桨

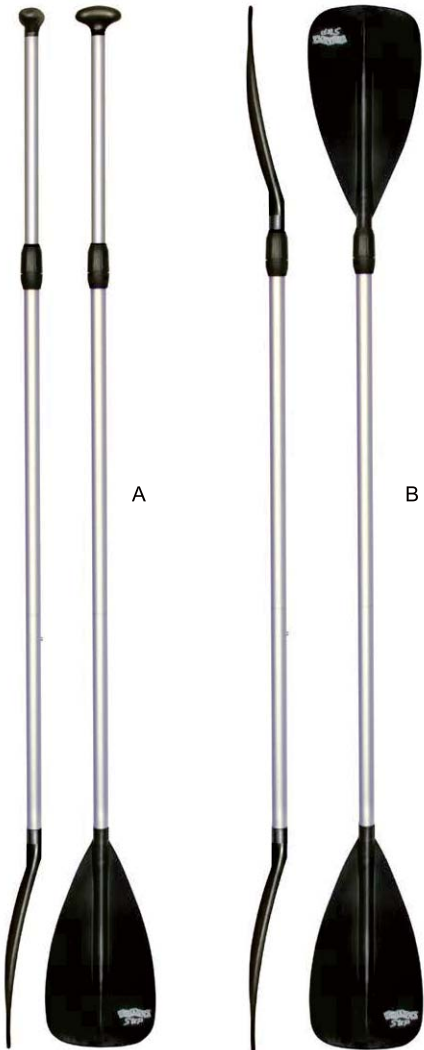
SUP Paddles

- 属性：
- 一个锁扣用于调节桨长度（SUP版）
 - 一个锁紧系统可转换为双叶桨，第二片桨叶可360度旋转
 - 可拆成4段（最长为86cm）
 - 激光雕刻技术
 - 铝合金桨杆
 - 玻纤增强尼龙桨叶
- 配备：
- 拆成4段包装
- 适用于：SUP

- Characteristics:**
- Nr.1 lever lock system to adjust the length of the paddle(SUP version)
 - Nr.1 lock system to convert to double blades. the 2nd blade is 360o revolving
 - Collapsible in 4 parts(max dimension 86cm)
 - Laser graphic technology
 - Aluminum shaft
 - Fiber glass reinforced nylon blade.

- Equipped:**
- 4 collapsible parts
- Suitable:** SUP boards

DOUBLE SUP
PADDLE KIT



6230300

系列 Item	型号 Part number	长度 Length	桨杆材质 Shaft Material	桨叶Blade		直径 Diameter	重量 Weight
				材质Material	尺寸size		
DOUBLE SUP PADDLE KIT FIBERGLASS	6230400	A 170/215 cm B 205 cm	玻纤 Fiber glass	玻纤增强尼龙 FG reinforced nylon PA66	43*23cm	Ø 29.4 * 1,8mm	
DOUBLE SUP PADDLE KIT ALU	6230300	A 170/215 cm B 205 cm	铝合金 Aluminium	玻纤增强尼龙 FG reinforced nylon PA66	43*23cm	Ø 29.4 * 1,4mm	
DOUBLE SUP PADDLE KIT ALU with NBR-FOAM	6230305	A 170/215 cm B 205 cm	铝合金 Aluminium	玻纤增强尼龙 FG reinforced nylon PA66	43*23cm	Ø 29.4 * 1,4mm	

SUP 桨

SUP Paddles

- 属性:
- 一个锁扣用于调节桨长度
 - 一个推针锁系统
 - 激光雕刻技术
 - 铝合金或玻纤桨杆
 - 玻纤增强尼龙桨叶

配备:
- 拆成3段包装
适用于: SUP

- Characteristics:**
- Nr.1 lever lock system to adjust the length of the paddle
 - Nr.1 push pin lock system
 - Laser graphic technology
 - Aluminum or fiber glass shaft
 - Fiber glass reinforced nylon blade.

Equipped:
- 3 collapsible parts
Suitable: SUP boards



- 专利号 Patent No. ZL 2011 2 0137385.8

系列 Item	型号 Part number	长度 length	桨杆材质 Shaft Material	桨叶Blade		直径 Diameter	重量 Weight
				材质Material	尺寸size		
SUP PADDLE FIBERGLASS	6230200	170-215cm	玻纤 Fiber glass	玻纤增强尼龙 FG reinforced nylon PA66	43*23cm	Ø 30 * 1,8mm	950g
SUP PADDLE ALUMINIUM	6230100	170-215cm	铝合金 Aluminium	玻纤增强尼龙 FG reinforced nylon PA66	43*23cm	Ø 29.4 * 1,4mm	1050g
SUP PADDLE ALU with NBR-FORM HANDLE	6230105	170-215cm	铝合金 Aluminium	玻纤增强尼龙 FG reinforced nylon PA66	43*23cm	Ø 29.4 * 1,4mm	1050g

KAYAK 桨
KAYAK PADDLES



KAYAK 桨

KAYAK Paddles

- 2段可伸缩（伸缩调节）
- 增强型桨叶，含20%玻纤
- Kayak paddle,collapsible 2 parts
- Extra strong plastic blade with 20% fiber glass



轻松调节松紧，无需任何工具，总调节长度为210-240cm
Easy to adjust the length(210-240cm), no need extra tools
(6230320)



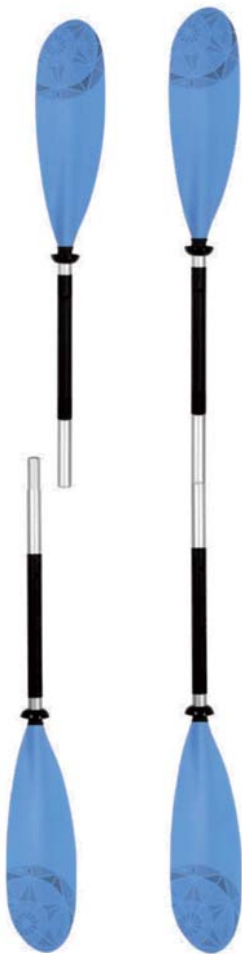
在热缩套管处抓握手柄
Grips handle in shrinkable polyolefin
(6230320 .6230310)



3个角度可选
Connection with 3 positions.
(6230310)



6230320



6230310

系列 Item	型号 Part number	长度 length	桨杆材质 Shaft Material	桨叶Blade		直径 Diameter	重量 Weight
				材质Material	尺寸size		
KC 210-240 CM PADDLE ALU ADJUSTABLE SYSTEM	6230320	210-240cm	铝合金 Alu	玻纤增强PP FG reinforced PP (PP+20% FG)	50*15cm	29mm	1500g
KC 230-2 PADDLE ALU BLUE	6230310	230cm	铝合金 Alu	玻纤增强PP FG reinforced PP (PP+20% FG)	50*15cm	29mm	1360g

KAYAK 桨

KAYAK Paddles

- 2段可伸缩（伸缩调节）
- 增强型桨叶，含20%玻纤
- Kayak paddle,collapsible 2 parts
- Extra strong plastic blade with 20% fiber glass



轻松调节松紧，无需任何工具，总调节长度为210-240cm
Easy to adjust the length(210-240cm), no need extra tools
(6230340)



在热缩套管处抓住手柄
Grips handle in shrinkable polyolefin
(6230340,6230330)



3个角度可选
Connection with 3 positions.
(6230330)



6230340



6230330

系列 Item	型号 Part number	长度 length	桨杆材质 Shaft Material	桨叶Blade		直径 Diameter	重量 Weight
				材质Material	尺寸size		
KC 210-240 CM PADDLE FIBER GLASS ADJUSTABLE SYSTEM	6230340	210-240cm	玻纤 Glass Fiber	玻纤增强PP FG reinforced PP (PP+20% FG)	50*15cm	29mm	1400g
KC 230-2 PADDLE FIBER GLASS BLACK	6230330	230cm	玻纤 Glass Fiber	玻纤增强PP FG reinforced PP (PP+20% FG)	50*15cm	29mm	1280g

KAYAK 桨

KAYAK Paddles

- 2段可伸缩（伸缩调节）
- 增强型桨叶，含20%玻纤
- Kayak paddle,collapsible 2 parts
- Extra strong plastic blade with 20% fiber glass



轻松调节松紧，无需任何工具，总调节长度为210-240cm
Easy to adjust the length(210-240cm), no need extra tools
(6230290)



在热缩套管处抓住手柄
High quality grips handle in shrinkable polyolefin
(6230290,6230350)



3个角度可选
Connection with 3 positions.
(6230350)



6230290



6230350

系列 Item	型号 Part number	长度 length	桨杆材质 Shaft Material	桨叶Blade		直径 Diameter	重量 Weight
				材质Material	尺寸size		
KC 210-240 CM PADDLE CARBON FIBER ADJUSTABLE SYSTEM	6230290	210-240cm	碳纤 Carbon Fiber	玻纤增强PP FG reinforced PP (PP+20% FG)	50*15cm	29mm	1300g
KC 230-2 PADDLE CARBON FIBER GREEN	6230350	230cm	碳纤 Carbon Fiber	玻纤增强PP FG reinforced PP (PP+20% FG)	50*15cm	29mm	1200g

KAYAK 桨

KAYAK Paddles

- 2段可伸缩（伸缩调节）
- 增强型桨叶，含40%玻纤
- Kayak paddle,collapsible 2 parts
- Extra strong plastic blade with 40% fiber glass



轻松调节松紧，无需任何工具，
总调节长度为200-230cm
Easy to adjust the length(200-230cm), no
need extra tools



在热缩套管处抓住手柄
Grips handle in shrink-
able polyolefin



KWB200-230CM ALU

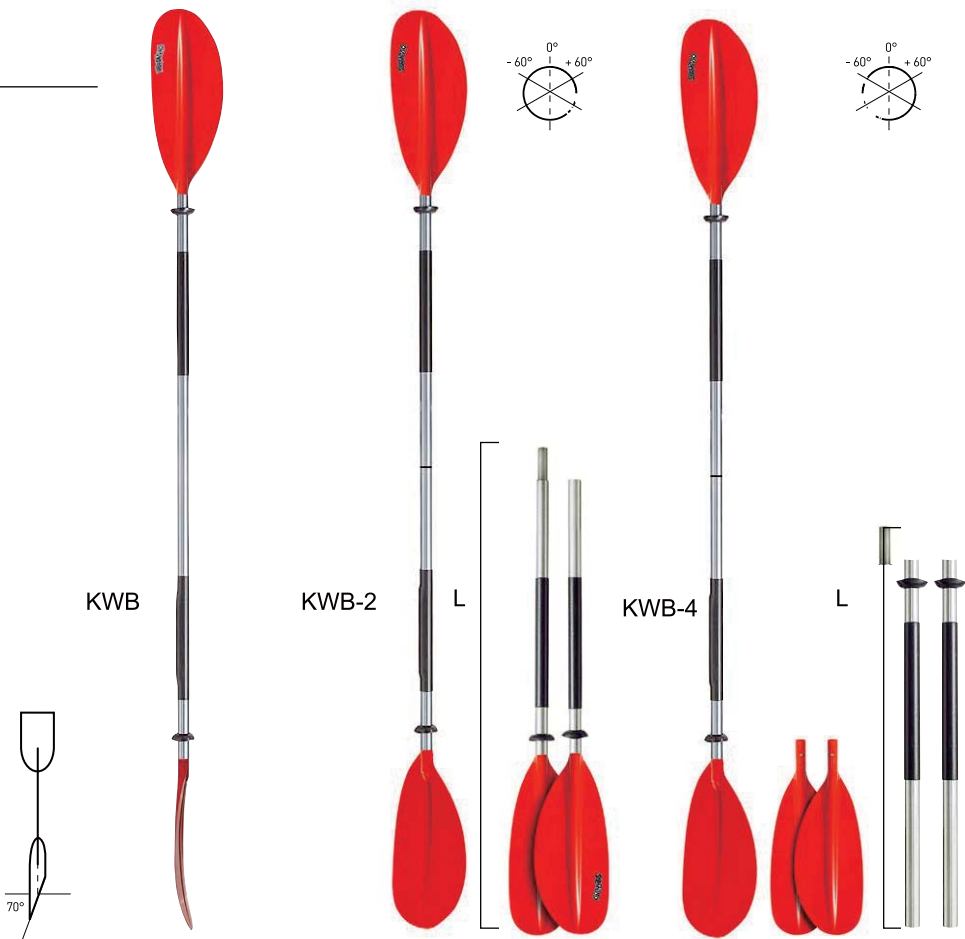
KWB200-230CM FIBER
GLASS

KWB200-230CM
CARBON FIBER

系列 Item	型号 Part number	长度 length	桨杆材质 Shaft Material	桨叶Blade		直径 Diameter	重量 Weight
				材质Material	尺寸size		
KWB200-230CM ALU	6277115	200-230cm	铝合金 Alu	玻纤增强PP FG reinforced PP (PP+40% FG)	46*17.5cm	Ø 29mm	1300g
KWB200-230CM FIBER GLASS	6277118	200-230cm	玻纤 Fiber Glass		46*17.5cm	Ø 29mm	1200g
KWB200-230CM CARBON FIBER	6277230	200-230cm	碳纤维 Carbon Fiber		46*17.5cm	Ø 29mm	1100g

KAYAK 桨
KAYAK Paddles

颜色 / Color
红色 / Red



系列 Item	型号 Part number	长度 length	桨杆材质 Shaft Material	桨叶Blade		直径 Diameter	重量 Weight
				材质Material	尺寸size		
KWB	6277000	200 cm	铝合金 Alu. alloy 6005T5	玻纤增强PP FG reinforced PP (PP+40% FG)	46*17.5cm	Ø 29 * 1,2 mm	1000-1090gr. (根据长度 According to the length)
	6277010	210 cm					
	6277020	220 cm					
	6277030	230 cm					
KWB-2	6277040	200 cm - L = 108 cm	铝合金 Alu. alloy 6005T5	玻纤增强PP FG reinforced PP (PP+40% FG)	46*17.5cm	Ø 29 * 1,2 mm	1040-1130gr. (根据长度 According to the length)
	6277050	210 cm - L = 113 cm					
	6277060	220 cm - L = 118 cm					
	6277070	230 cm - L = 123 cm					
KWB-4	6277080	200 cm - L = 60 cm	铝合金 Alu. alloy 6005T5	玻纤增强PP FG reinforced PP (PP+40% FG)	46*17.5cm	Ø 29 * 1,2 mm	1040-1130gr. (根据长度 According to the length)
	6277090	210 cm - L = 65 cm					
	6277100	220 cm - L = 72 cm					
	6277110	230 cm - L = 77 cm					

KAYAK 桨
KAYAK Paddles

颜色 / Color
黑色 / Black



可完全浮起
All float for easy
retrieval.



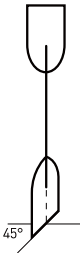
3个角度可选
Connection with 3
positions.



特别的手柄设计，可随
时掌控桨角度
Special handle system
allowing to know, any-
time, the paddle angle.



在热缩套管处抓住手柄
Grips handle in shrinkable
polyolefin



- 专利号 Patent No.: ZL 2011 2 0411230.9

系列 Item	型号 Part number	长度 length	桨杆材质 Shaft Material	桨叶Blade		直径 Diameter	重量 Weight
				材质Material	尺寸size		
KWB-FIBER	6277150	200 cm	玻纤桨杆 Fiberglass	玻纤增强PP FG reinforced PP (PP+40% FG)	46*17.5cm	Ø 29 * 1,2 mm	940-1100gr. (根据长度 According to the length)
	6277160	210 cm					
	6277170	220 cm					
	6277180	230 cm					
KWB-2-FIBER	6277190	200 cm - L = 108 cm	玻纤桨杆 Fiberglass	玻纤增强PP FG reinforced PP (PP+40% FG)	46*17.5cm	Ø 29 * 1,2 mm	1000-1500gr. (根据长度 According to the length)
	6277200	210 cm - L = 113 cm					
	6277210	220 cm - L = 118 cm					
	6277220	230 cm - L = 123 cm					

KAYAK 桨

KAYAK Paddles

颜色/Color
黑色/Black



3个角度可选
Connection with 3
positions.



特别的手柄设计，可
随时掌控桨角度
Special handle
system allowing to
know, anytime, the
paddle angle.



在热缩套管处抓住手柄
Grips handle in shrink-
able polyolefin



KWB-CARBON



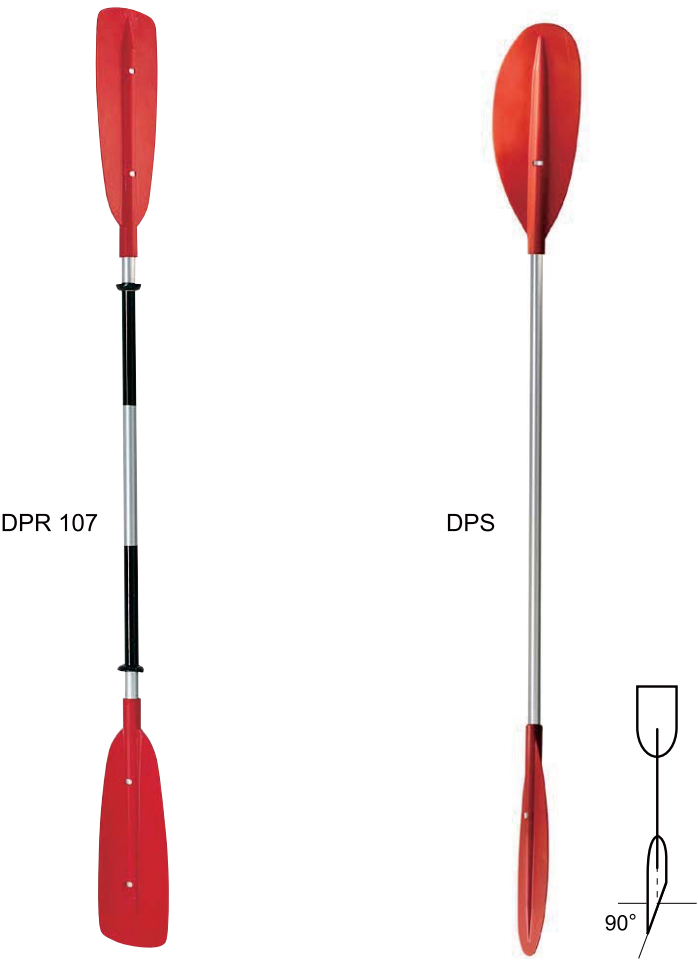
KWB-2-CARBON

系列 Item	型号 Part number	长度 Length	桨杆材质 Shaft Material	桨叶Blade		直径 Diameter	重量 Weight
				材质Material	尺寸size		
KWB-CARBON	6277500	200 cm	碳纤 Carbon fiber	玻纤增强PP FG reinforced PP (PP+40% FG)	46*17.5cm	Ø 29 * 1,2 mm	根据长度 According to the length
	6277510	210 cm					
	6277520	220 cm					
	6277530	230 cm					
KWB-2-CARBON	6277540	200cm--L=108cm	碳纤 Carbon fiber	玻纤增强PP FG reinforced PP (PP+40% FG)	46*17.5cm	Ø 29 * 1,2 mm	根据长度 According to the length
	6277550	210cm--L=113cm					
	6277560	220cm--L=118cm					
	6277570	230cm--L=123cm					

KAYAK桨

KAYAK Paddles

颜色/Color
红色/red



系列 Item	型号 Part number	长度 Length	桨杆材质 Shaft Material	桨叶Blade		直径 Diameter	重量 Weight
				材质Material	尺寸size		
DPR 107	6210200	200 cm	铝合金 Alu. alloy 6005T5	PP polypropilene	20*52.5cm	Ø 30 * 1,2 mm	1350gr.
	6210210	210 cm				Ø 30 * 1,2 mm	1350gr.
	6210220	220 cm				Ø 30 * 1,2 mm	1350gr.
DPS	6233200	200 cm	铝合金 Alu. alloy 6005T5	PP polypropilene	20*52.5cm	Ø29 * 1mm	
	6233210	210 cm				Ø29 * 1mm	
	6233220	220 cm				Ø29 * 1mm	

KAYAK 桨

KAYAK Paddles

颜色/Color
蓝色/blue



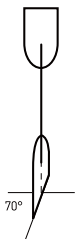
3个角度可选
Connection with 3
positions.



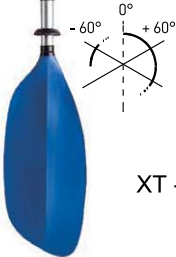
特别的手柄设计，可
随时掌控桨角度
Special handle
system allowing to
know, anytime, the
paddle angle.



在热缩套管处抓住手柄
Grips handle in shrinkable
polyolefin



XT - ALU



XT - ALU / COL

系列 Item	型号 Part number	长度 Length	桨杆材质 Shaft Material	桨叶Blade		直径 Diameter	重量 Weight
				材质Material	尺寸size		
XT-ALU	6274105	195 cm	铝合金 Alu. alloy 6005T5	玻纤增强PP FG reinforced PP (PP+40% FG)	46*18.5cm	Ø 29 * 1,2 mm	根据长度 According to the length
	6274106	205 cm					
	6274110	215 cm					
	6274130	225 cm					
XT-ALU/COL	6274202	195 cm	铝合金 Alu. alloy 6005T5	玻纤增强PP FG reinforced PP (PP+40% FG)	46*18.5cm	Ø 29 * 1,2 mm	根据长度 According to the length
	6274205	205 cm					
	6274210	215 cm					
	6274230	225 cm					

KAYAK 桨

KAYAK Paddles

颜色/Color
黑色/Black



3个角度可选
Connection with 3
positions.



特别的手柄设计，可
随时掌控桨角度
Special handle
system allowing to
know, anytime, the
paddle angle.



在热缩套管处抓住手柄
Grips handle in shrinkable
polyolefin



系列 Item	型号 Part number	长度 Length	桨杆材质 Shaft Material	桨叶Blade		直径 Diameter	重量 Weight
				材质Material	尺寸size		
XT-FIBER	6276125	195 cm	玻纤桨杆 Fiberglass	玻纤增强PP FG reinforced PP (PP+40% FG)	46*18.5cm	Ø 29 * 1,2 mm	1000gr . (根据长度 According to the length)
	6276105	205 cm					
	6276112	215 cm					
	6276117	225 cm					
XT-FIBER/COL	6276240	195 cm	玻纤桨杆 Fiberglass	玻纤增强PP FG reinforced PP (PP+40% FG)	46*18.5cm	Ø 29 * 1,2 mm	1100gr. (根据长度 According to the length)
	6276255	205 cm					
	6276260	215 cm					
	6276265	225 cm					

OARS/PADDLES

OARS/PADDLES

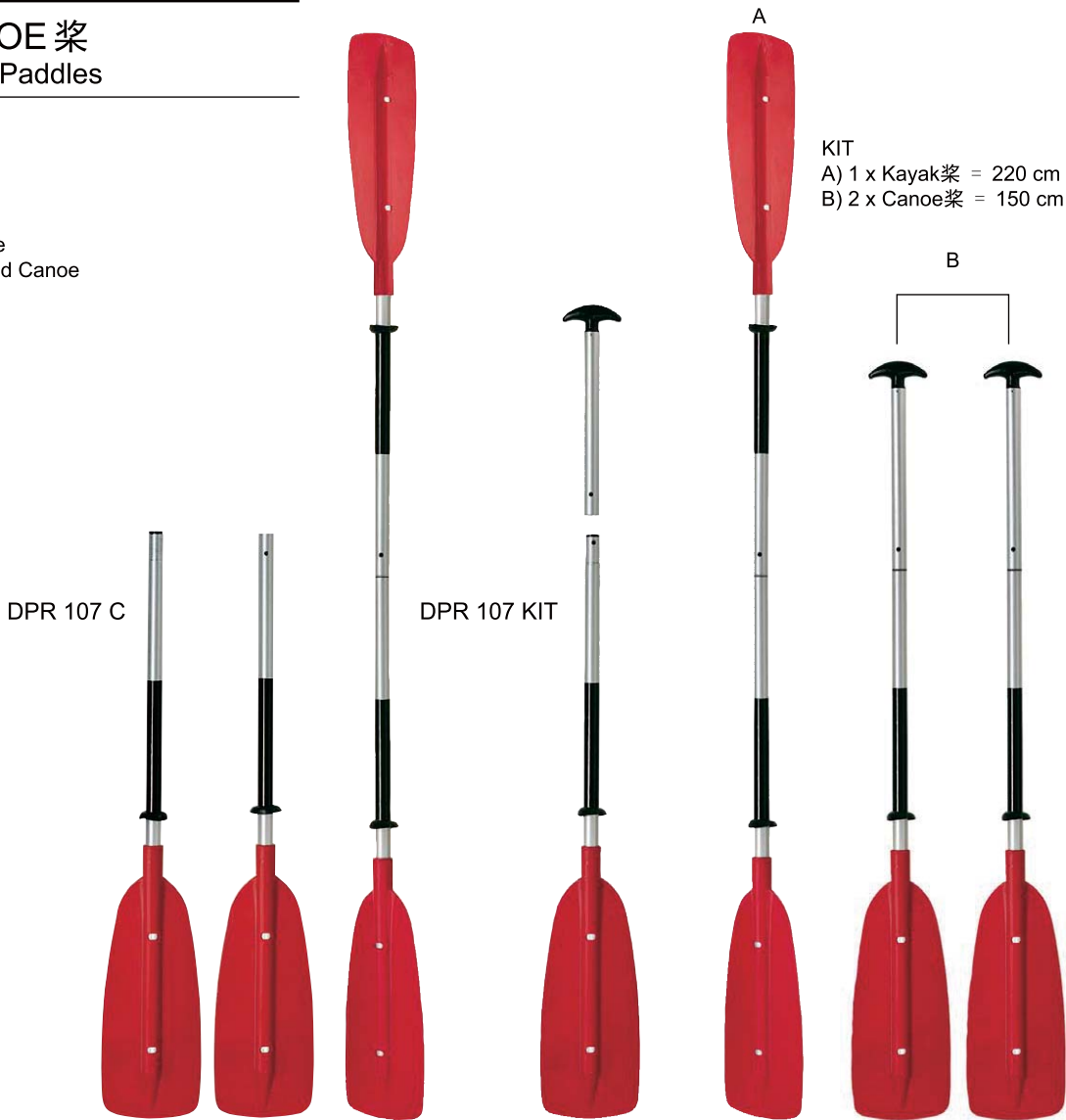


KAYAK-CANOE 桨

KAYAK-CANOE Paddles

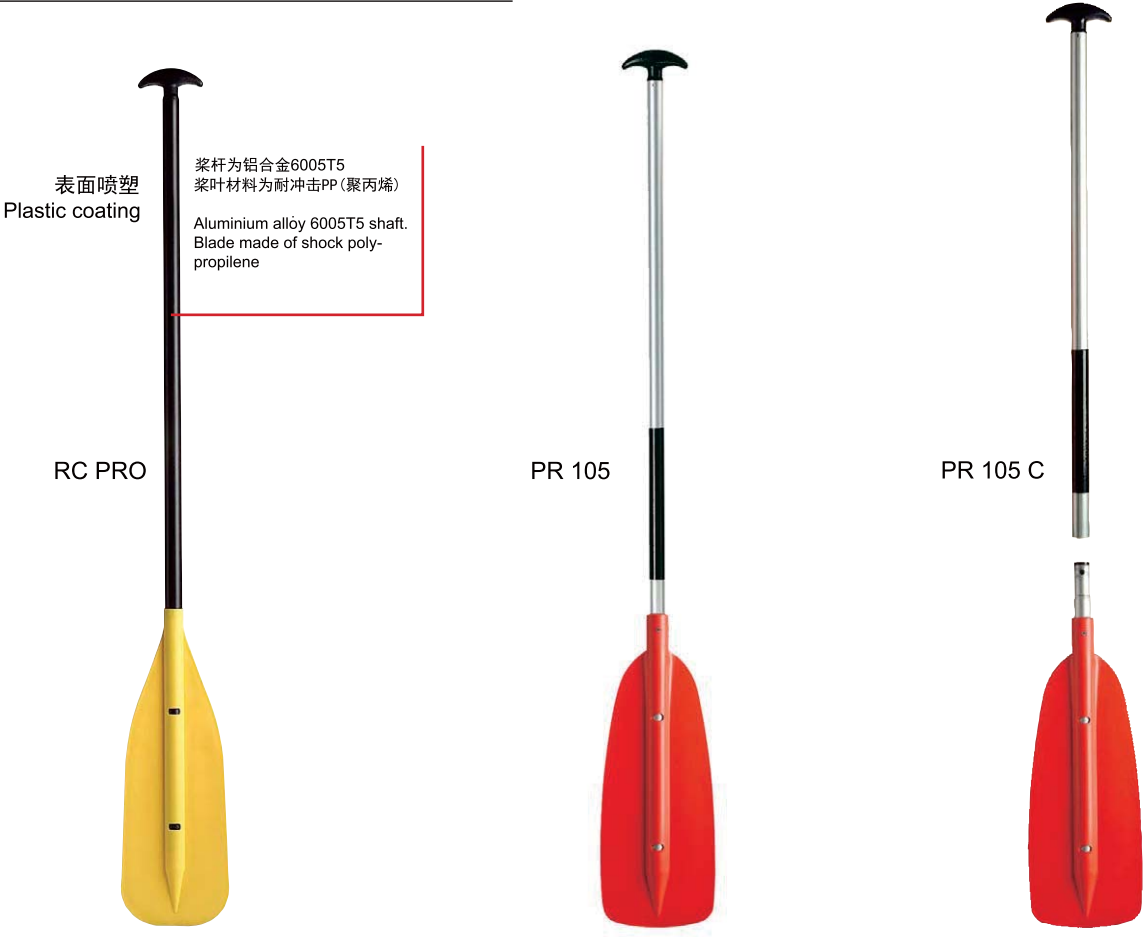
可折叠套件
Collapsible kits

- 适用于Kayak和Canoe
- Suitable for Kayak and Canoe



系列 Item	型号 Part number	长度 Length	桨杆材质 Shaft Material	桨叶Blade		直径 Diameter	重量 Weight
				材质Material	尺寸size		
DPR 107 C	6210300	220 cm	铝合金 Alu. alloy 6005T5	PP	20*52.5cm	Ø 30 * 1mm	1.385kg
	6210303	230 cm					
	6210304	240 cm					
DPR 107 KIT	6210530	A 1 x Kayak= 220 cm B 2 x Canoe= 150 cm	铝合金 Alu. alloy 6005T5	PP	20*52.5cm	Ø 30 * 1mm	1.8kg

CANOE 桨
CANOE Paddles

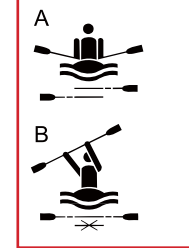


系列 Item	型号 Part number	长度 Length	桨杆材质 Shaft Material	桨叶Blade		直径 Diameter	重量 Weight
				材质Material	尺寸size		
RC PRO	6273100	140 cm	铝合金（表面喷塑） Alu. alloy 6005T5 with plastic coating	PP polypropilene	19*55cm	Ø 29 * 1,2 mm	950gr.
	6273200	150 cm				Ø 29 * 1,2 mm	950gr.
	6273300	160 cm				Ø 29 * 1,2 mm	950gr.
PR 105	6210090	140 cm	铝合金 Alu. alloy 6005T5	PP polypropilene	20*52.5cm	Ø30 * 1mm	850gr
	6210105	150 cm				Ø30 * 1mm	850gr
	6210110	160 cm				Ø30 * 1mm	850gr
PR 105 C	6210120	150 cm 拆卸/Disass. = 88 cm	铝合金 Alu. alloy 6005T5	PP polypropilene	20**52.5cm	Ø30 * 1mm	850gr.

Oars/Paddles两用桨

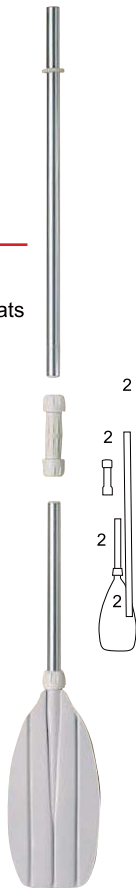
Convertible oars/paddle

可转换成划水桨
Transformable into paddle

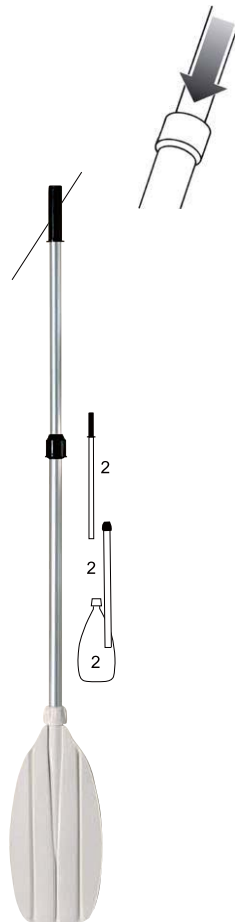


- 适用于船
- Suitable for boats

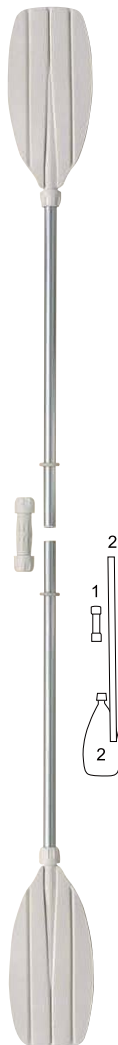
1715



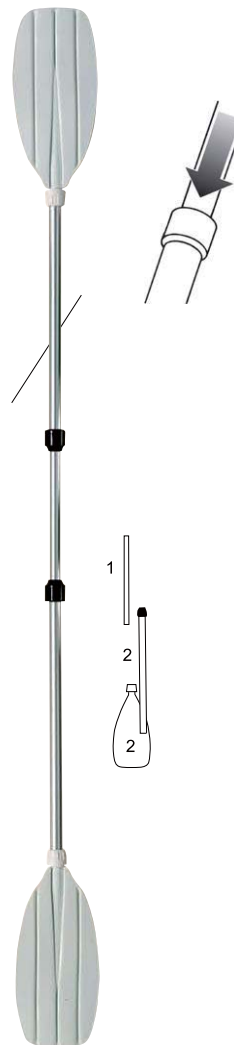
3715



1410



3410

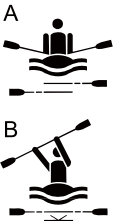


系列 Item	型号 Part number	长度 Length	桨杆材质 Shaft Material	桨叶Blade		直径 Diameter	重量 Weight
				材质Material	尺寸size		
1715 / SC	6201411	A 156 cm - B 223 cm	铝合金 Alu. alloy 6005T5	ABS	20*23 cm	Ø 28mm	0.536kg
3715 / SC	6201415	120/160 cm 拆卸/Disass = 70 cm			20*23 cm	Ø 28/25 mm	0.565kg
1410 / SC	6201421	222 cm			20*23 cm	Ø 28 mm	0.945kg
3410 / SC	6201425	120/160 cm 拆卸/Disass = 70 cm			20*23 cm	Ø 28/25 mm	0.56kg

Oars/Paddles两用桨

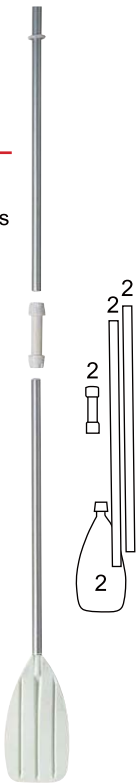
Convertible oars/paddle

可转换成划水桨
Transformable into paddle

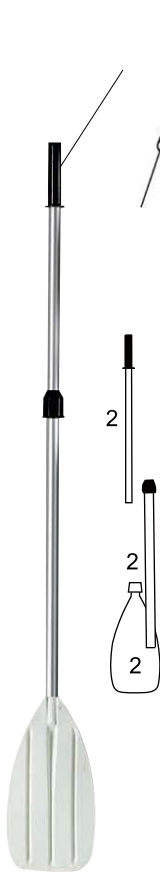


- 适用于船
- Suitable for boats

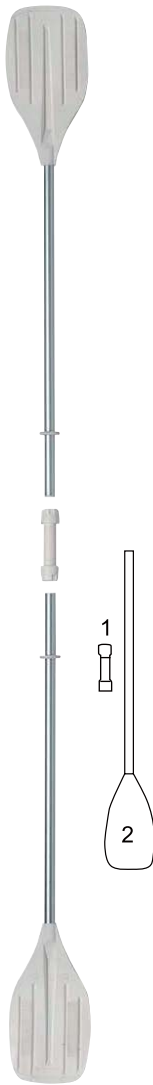
2035



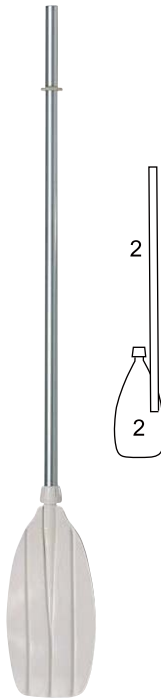
3035



1050



1400

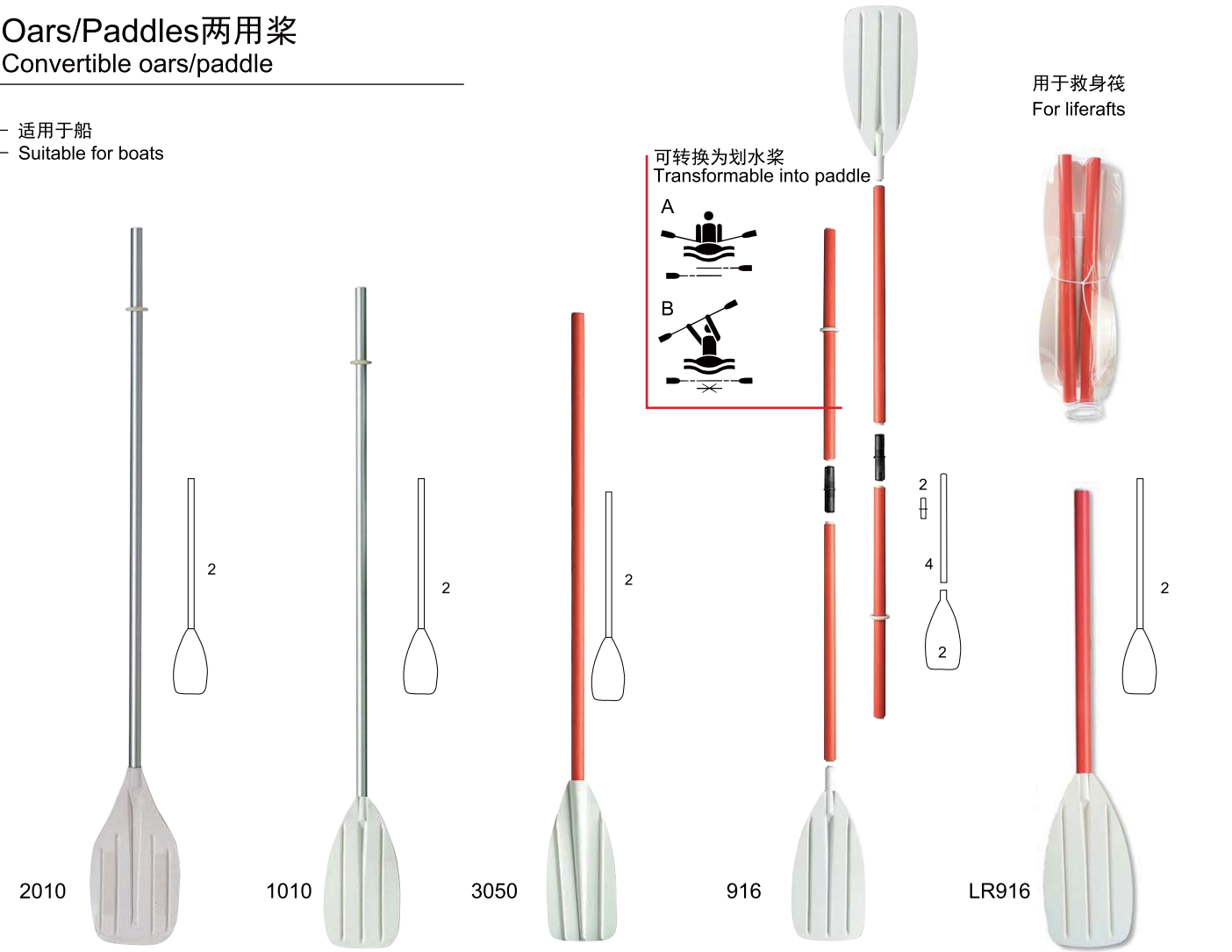


系列 Item	型号 Part number	长度 Length	桨杆材质 Shaft Material	桨叶Blade		直径 Diameter	重量 Weight6
				材质Material	尺寸size		
2035 / SC	6201221	A 146 cm - B 217 cm	铝合金 Alu. alloy 6005T5	PP	16*31.5 cm	Ø 25 mm	0.318kg
3035 / SC	6201226	95/150 cm 拆卸/Disass. = 60 cm			16*31.5 cm	Ø 25/22 mm	0.321kg
1050 / SC	6201311	215 cm			18*35 cm	Ø 25 mm	0.615kg
1400 / SC	6201401	150 cm	ABS		20*23 cm	Ø 28 mm	0.511kg

Oars/Paddles两用桨

Convertible oars/paddle

- 适用于船
- Suitable for boats



系列 Item	型号 Part number	长度 Length	桨杆材质 Shaft Material	桨叶Blade		直径 Diameter	重量 Weight
				材质Material	尺寸size		
2010 / SC	6201111	140 cm	铝合金 Alu. alloy 6005T5	ABS	38*35cm	Ø 25 mm	0.35kg
1010 / SC	6201102	135 cm		PP	16*31.5cm	Ø 25 mm	0.29kg
3050 / SC	6171010	105 cm	ABS	PP	11.5*26.5cm	Ø 23 mm	0.137kg
916 / SC	6171300	A = 133 cm B = 215 cm			16*31.5cm	Ø 27 mm	0.465kg
LR916 / SC	6320100	82 cm			16*31.5cm	Ø 27 mm	0.732kg

铝合金船桨

Aluminum oars

- 适用于船
- Suitable for boats

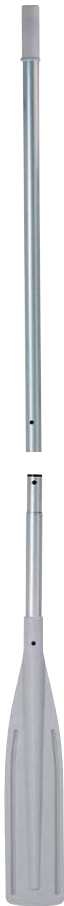
RSP 130. W
RSP 140. W
RSP 150. W
RSP 160. W



AP 160
AP 180
AP 200



RSP 160
RSP 180
RSP 200



RSP 130.Z
RSP 140.Z
RSP 150.Z
RSP 160.Z



AP, RSP, RSP.Z系列订购时如需此配件；
订购时：桨型号 + K.

AP, RSP and RSP.Z lines are available on
request with trim piece installed for types
145 - 146.

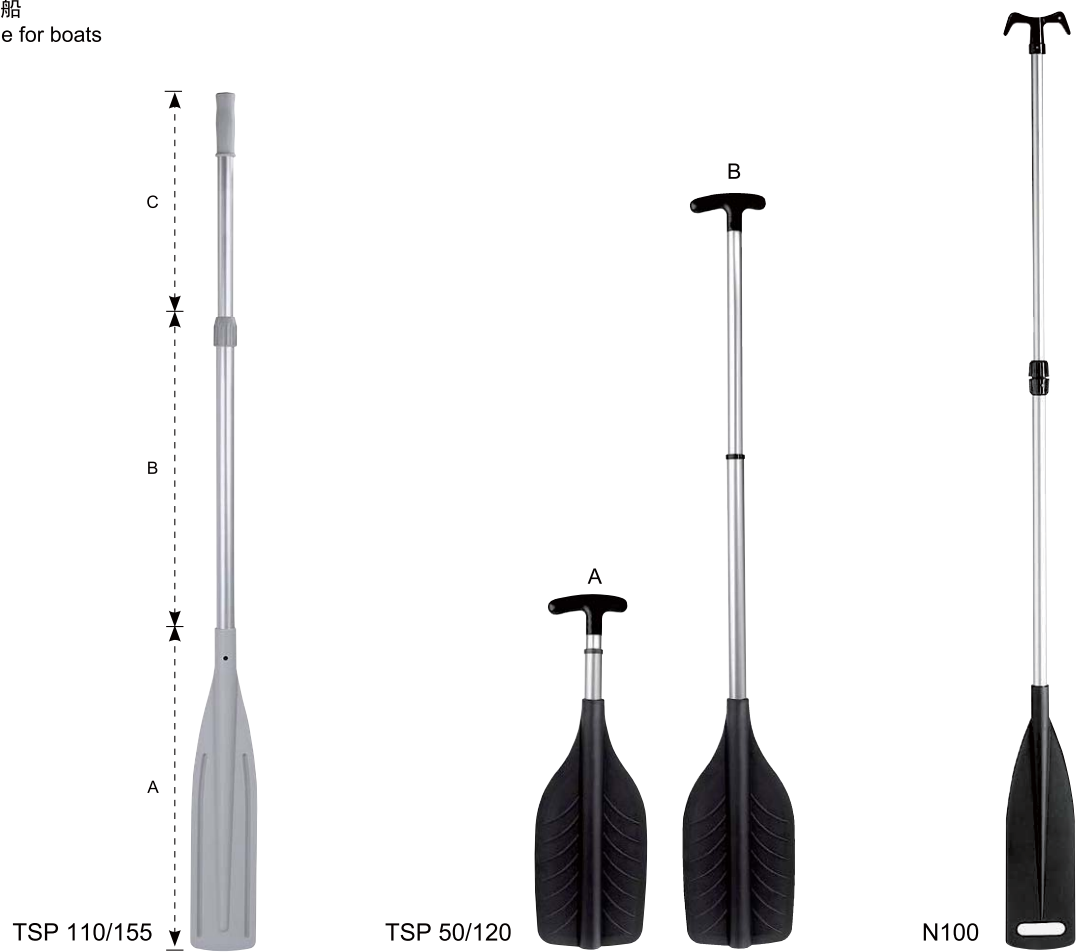
To order: enter the oar Part number + K.

系列 Item	型号 Part number	长度 Length	桨杆材质 Shaft Material	桨叶Blade		直径 Diameter	重量 Weight
				材质Material	尺寸size		
RSP 130.W	6301712 / 6301713	130 cm	铝合金 Alu. alloy 6005T5	PP	13*56cm	Ø 32 mm * 1 mm	0.56kg
RSP 140.W	6301714 / 6301715	140 cm				Ø 32 mm * 1 mm	0.57kg
RSP 150.W	6301716 / 6301717	150 cm				Ø 32 mm * 1 mm	0.59kg
RSP 160.W	6301718 / 6301719	160 cm				Ø 32 mm * 1 mm	0.60kg
AP 160	6301100 / 6301101	160 cm	铝合金 Alu. alloy 6005T5	PP	12.5*61cm	Ø 35 mm * 1 mm	0.59kg
AP 180	6301200 / 6301201	180 cm				Ø 35 mm * 1 mm	0.61kg
AP 200	6301300 / 6301301	200 cm				Ø 35 mm * 1 mm	0.64kg
RSP 160	6301500 / 6301501	160/84 cm	铝合金 Alu. alloy 6005T5	PP	12.5*61cm	Ø 35 mm * 1 mm	0.65kg
RSP 180	6301600 / 6301601	180/84 cm				Ø 35 mm * 1 mm	0.68kg
RSP 200	6301700 / 6301701	200/104 cm				Ø 35 mm * 1 mm	0.71kg
RSP 130.Z	6301460 / 6301462	130 cm	铝合金 Alu. alloy 6005T5	PP	12.5*61cm	Ø 35 mm * 1 mm	0.525kg
RSP 140.Z	6301470 / 6301471	140 cm				Ø 35 mm * 1 mm	0.528kg
RSP 150.Z	6301480 / 6301481	150 cm				Ø 35mm * 1 mm	0.561kg
RSP 160.Z	6301490 / 6301491	160 cm				Ø 35mm * 1 mm	0.61kg

可伸缩式铝合金船桨

Aluminum telescopic oars

- 适用于船
- Suitable for boats



系列 Item	型号 Part number	长度 Length	桨杆材质 Shaft Material	桨叶Blade		直径 Diameter	重量 Weight
				材质Material	尺寸size		
TSP 110/155	6293100 / 6293101	A + B + C = 158 cm A + B = 118 cm 拆卸/Disas. = 64 cm	铝合金 Alu. alloy 6005T5	PP	12.5*61cm	Ø 30/35 * 1 mm	0.675kg
TSP 50/120	6293103 / 6293104	A = 50 cm B = 120 cm			18*39.5cm	Ø 24/28 * 1 mm	0.585kg
N100	6281100	120/180 cm			14.5*55cm	Ø 25/30 * 1 mm	0.74kg

铝合金船钩

Aluminum boat hooks

- 适用于船
- Suitable for boats



IDS 8



IDS 16
IDS 32

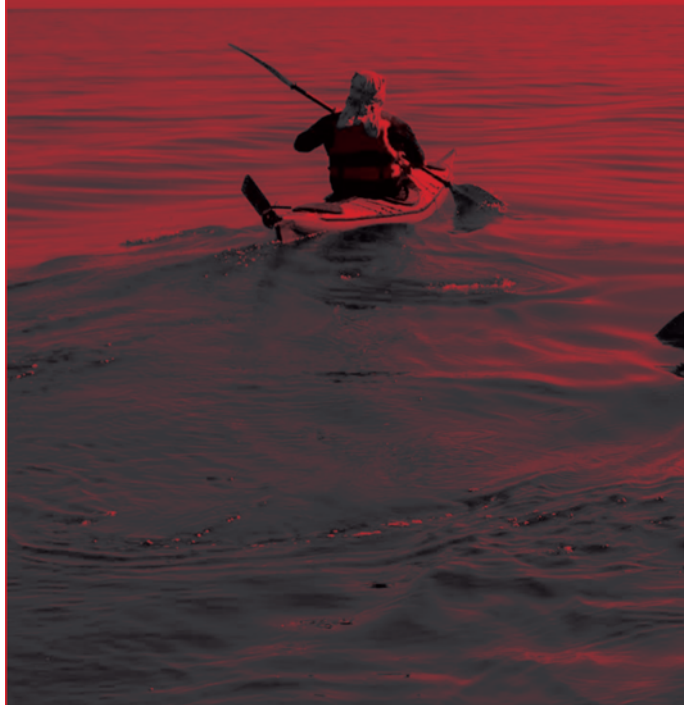


ME 125
ME 160
ME 210

系列 Item	型号 Part number	长度 Length	材质 Material	直径 Diameter	重量 Weight
IDS 8	6282100	70/110 cm	铝合金 Alu. alloy 6005T5	Ø 25/30 mm * 1 mm	0.4 kg
IDS 16	6282200	105/180 cm		Ø 25/30 mm * 1 mm	0.55 kg
IDS 32	6282300	125/225 cm		Ø 25/30 mm * 1 mm	0.68 kg
ME 125	6291100	125 cm		Ø 25 mm * 1 mm	0.4 kg
ME 160	6291200	160 cm		Ø 25 mm * 1 mm	0.48 kg
ME 210	6291300	210 cm		Ø 25 mm * 1 mm	0.58 kg

阀门

VALVES



充气阀

Inflation valves

- 属性
- 充气/放气
 - 开启方式：推-推
 - 底座和盖子采用POM材质；
 - 可选带/不带保护网
 - 特制硅胶圈保证密封
 - 可选黑色/灰色
 - 100%测试通过
 - 适用于：充气式SUP, 船, Kayak, 帐篷
 - 最大压力：1.38bar=20PSI
 - PVC开孔建议直径：32mm

- Characteristics:
- Inflate/deflate
 - Open type: PUSH-PUSH
 - Base and cap made of POM material
 - Available with or without protective mesh.
 - Special silicon gasket to guarantee the sealing
 - Available in black and grey colors100% tested.
 - **Suitable:** inflatable SUP, boats, kayaks, tents.
 - Max pressure: 1.38bar=20PSI
 - Suggested PVC hole diameter: 32mm

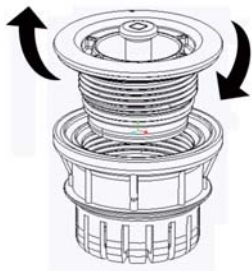


BRAVO NEW MINI VALVE



Mini valve

Max force: 15N*M



- 专利号 Patent No.: ZL 202020974374.4

系列 Item	型号 Part number	颜色 Color
Bravo Mini valve grey	A131200	灰色 GREY
Bravo Mini valve black	A131210	黑色 BLACK
Bravo Mini valve grey+Mesh	A131220	灰色 GREY
Bravo Mini valve black+Mesh	A131230	黑色 BLACK

充气阀

Inflation valves

- 属性:
- 充气/放气
 - 开启方式: 推-推
 - 底座和盖子采用POM材质;
 - 可选带/不带保护网
 - 特制硅胶圈保证密封
 - 可选黑色/灰色
 - 100%测试通过
 - 最大压力: 2Bar=29PSI
 - 建议开孔尺寸: 38.5mm
- 适用于: 充气式SUP, 船, Kayak, 帐篷

- Characteristics:
- Inflate/deflate
 - Open type: PUSH-PUSH
 - Base and cap made of POM material
 - Available with or without protective mesh.
 - Special silicon gasket to guarantee the sealing
 - Available in black and grey colors
 - 100% tested.
 - Max Pressure:2Bar=29PSI
 - Suggested hole diameter in PVC:38.5mm

Suitable: inflatable SUP, boats, kayaks, tents.



BRAVO 2005 SUP



BRAVO 2005 SUP+MESH

- 专利号 Patent No. ZL 2015 2 0319824.5

系列 Item	型号 Part number	颜色 Color
BRAVO 2005 SUP	A102860	灰色 Grey
	A102861	黑色 Black
BRAVO 2005 SUP + MESH	A102870	灰色 Grey
	A102871	黑色 Black
BRAVO 2005/A SUP	A102862	灰色 Grey
	A102863	黑色 Black
BRAVO 2005/A SUP + MESH	A102872	灰色 Grey
	A102873	黑色 Black

充气阀
Inflation valves

- 属性:
- 充气/放气
 - 开启方式: 推-推
 - 底座和盖子采用POM材质;
 - 可选带/不带保护网
 - 特制硅胶圈保证密封
 - 底座增加软材质保护最终产品
 - 100%测试通过
 - 最大压力: 2Bar=29PSI
 - 建议开孔尺寸: 38.5mm

适用于: 充气式SUP, 船, Kayak, 帐篷

- Characteristics:
- Inflate/deflate
 - Open type: PUSH-PUSH
 - Base and cap made of POM material
 - Available with or without protective mesh.
 - Special silicon gasket to guarantee the sealing
 - Add soft material on base top protect final products
 - 100% tested.
 - Max Pressure:2Bar=29PSI
 - Suggested hole diameter in PVC:38.5mm

Suitable: inflatable SUP, boats, kayaks, tents.



BRAVO 2005 SUP+SOFT BASE



2005

2005 /A



BRAVO 2005 SUP+SOFT BASE+MESH



2005

2005 /A

系列 Item	型号 Part number	颜色 Color
BRAVO 2005 SUP+SOFT BASE, GREY	A102857	灰色, Grey
BRAVO 2005/A SUP+SOFT BASE, GREY	A102858	灰色, Grey
BRAVO 2005 SUP+SOFT BASE+MESH,GREY	A102859	灰色, Grey
BRAVO 2005/A SUP+SOFT BASE+MESH,GREY	A102864	灰色, Grey

充气阀

Inflation valves

- 属性：
- 充气/放气
 - 开启方式：推-转
 - 底座和盖子采用POM材质；
 - 可选带/不带保护网
 - 特制硅胶圈保证密封
 - 可选黑色/灰色
 - 100%测试通过
 - 最大压力：2Bar=29PSI
 - 建议开孔尺寸：38.5mm

适用于：充气式SUP, 船, Kayak, 帐篷

- Characteristics:
- Inflate/deflate
 - Open type: PUSH-TURN
 - Base and cap made of POM material
 - Available with or without protective mesh.
 - Special silicon gasket to guarantee the sealing
 - Available in black and grey colors
 - 100% tested.
 - Max Pressure:2Bar=29PSI
 - Suggested hole diameter in PVC:38.5mm

Suitable: inflatable SUP, boats, kayaks, tents.



BRAVO 2014



BRAVO 2014+MESH

- 专利号 Patent No. ZL 2015 2 0486587.1

系列 Item	型号 Part number	颜色 Color
BRAVO 2014	A102717	灰色 Grey
	A102716	黑色 Black
BRAVO 2014 + MESH	A102718	灰色 Grey
	A102719	黑色 Black

充气阀

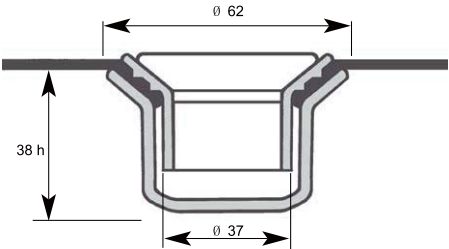
Inflation valves

- 属性:
- 充气/放气
 - 开启方式: 推-推
 - 底座和盖子采用POM材质;
 - 特制硅胶圈保证密封
 - 可选黑色/灰色
 - 100%测试通过
 - 最大压力: 1.38Bar=20PSI

适用于: 船, 帐篷

- Characteristics:**
- Inflate/deflate
 - Open type: PUSH-PUSH
 - Base and cap made of POM material
 - Special silicon gasket to guarantee the sealing
 - Available in black and grey colors
 - 100% tested.
 - Max Pressure:1.38Bar=20PSI

Suitable: inflatable boats,tent



系列 Item	型号 Part number	颜色 Color
BRAVO 2005	A102800 A102801	黑色/black 灰色/grey
BRAVO 2005/A	A102815 A102816	黑色/black 灰色/grey

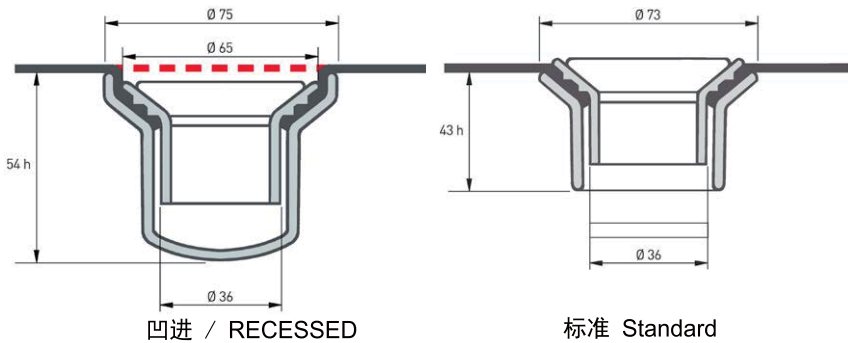
充气阀

Inflation valves

- 属性:
- 充气/放气
 - 开启方式: 推-转
 - 底座和盖子采用POM材质;
 - 特制硅胶圈保证密封
 - 可选黑色/灰色
 - 100%测试通过
- 适用于: 充气式船, Kayak, 帐篷

- Characteristics:
- Inflate/deflate
 - Open type: PUSH-TURN
 - Base and cap made of POM material
 - Special silicon gasket to guarantee the sealing
 - Available in black and grey colors
 - 100% tested.

Suitable: inflatable boats, kayaks and tents;



BRAVO 2000



BRAVO 2001

系列 Item	型号 Part number	颜色 Color	凹进 Recessed	标准 Standard
BRAVO 2000	A102705	黑色/black	-	x
	A102706	灰色/grey	-	x
	A102707	黑色/black	x	-
	A102708	灰色/grey	x	-
BRAVO 2001	A102701	黑色/black	-	x
	A102700	灰色/grey	-	x
	A102710	黑色/black	x	-
	A102711	灰色/grey	x	-

风筝阀

Inflation Kite valves

属性:

- 充气/放气
- PVC底座（抗紫外线），方便胶水粘接或高频焊接在风筝内胆上
- 黑色
- 100%测试通过

适用于：冲浪风筝

Characteristics:

- Inflate/deflate
- PVC base (UV resistant), easy to be assembled on the internal surface of the Kites with glue or HF welding.
- Available in black colors
- 100% tested.

Suitable: kitesurfing products.



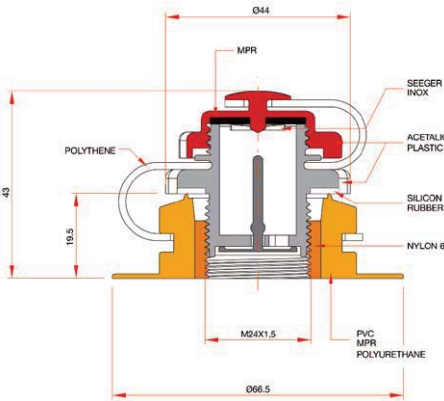
- 专利号 Patent No: ZL 2015 2 0486601.8

2016 KITE VALVE

系列 Item	型号 Part number	颜色 Color
2016 KITE VALVE	A131100	黑色 /Black

充气阀

Inflation valves



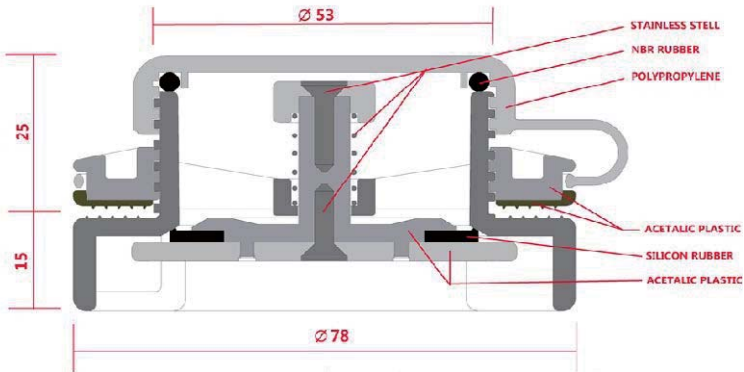
系列 Item	型号 Part number	材质 Material	颜色 Color
VA5/2 677	6892009	POM	黑色/black
	A401677	ABS	黑色/black
687	A401687	PVC	黑色/black
	A402687	TPU	黑色/black

充气阀

Inflation valves

- 属性:
- 充气/放气
 - 开启方式: 推-转
 - 底座和盖子采用POM材质
 - 特制硅胶圈保证密封
 - 黑色
 - 结合Ø40mm充气管, 保证快速充气 and 放气
 - 100%测试通过
- 适用于: 大型充气产品

- Characteristics:
- Inflate/deflate
 - Open type: PUSH-TURN
 - Base and cap made of POM material
 - Special silicon gasket to guarantee the sealing
 - Available in black color
 - In combination with a Ø40mm hose-inflator , it allows very fast inflation and deflation.
 - 100% tested.
- Suitable: high volume inflation products.



760

Ø 40 mm波纹管接头, 用于阀门BRAVO 260 H.V.
适用于泵OV10 - BRAVO 2000W - A.R.S. - IP 65

Ø 40 mm hose-valve fitting for valve BRAVO 260 H.V.
Suitable for inflators OV10 - BRAVO 2000W - A.R.S. - IP 65



260 H.V.

系列 Item	型号 Part number	材质 Material	颜色 Color
260 H.V.	A131000	POM	黑色 /black
760	S241230	PA6/POM	黑色 /black

安全阀

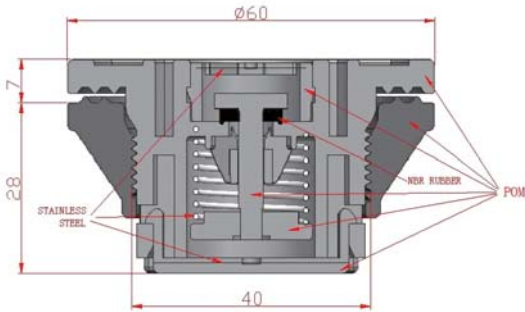
Relief valves

属性
安全阀

- 该设计致力于保护充气产品（冲浪板，充气风筝等）免于过度充气或温度升高而造成的压力过高；
- 阀门顶部和底部均有不锈钢网以防止脏物进入阀门内部
- 底座和盖子采用POM材质
- 100%测试通过
- 适用于：充气式冲浪板，充气式风筝

Characteristics:
Relief valve

- The product is designed to protect the inflation products (inflatable SUP, KITE , etc) from excessive pressure due to over-inflation or increases caused by thermal excursion;
- Double mesh(stainless steel 316) on the top & bottom to prevent the valve from external and internal dirty.
- Base and cap made of POM material
- 100% tested
- Suitable for inflatable Sup, Kite.



专利申请中
Patent pending

系列 Item	型号 Part number	颜色 Color	开启/Open			关闭/Close		
			BAR	PSI	KPA	BAR	PSI	KPA
Relief valve 1.5bar/1.25bar, Black	A080403	黑色 BLACK	1.5	21.75	150	1.25	18.12	125
Relief valve 1.2bar/1.0bar, Black	A080404	黑色 BLACK	1.2	17.4	120	1.00	14.5	100
Relief valve 1.5bar/1.25bar, Grey	A080405	灰色 GREY	1.5	21.75	150	1.25	18.12	125
Relief valve 1.2bar/1.0bar, Grey	A080406	灰色 GREY	1.2	17.4	120	1.00	14.5	100

安全阀

Relief valves

属性:

- 安全阀
- 该设计致力于保护充气产品（船，帐篷等）免于过度充气或温度升高而造成的压力过高；
- 阀门可置于开启位置（一直工作）或关闭位置（偶尔开启并放气），通过旋转塞子即可开启或关闭，保证彩色点跟标记点一致；
- 安全压力值可定制
- 底座和盖子采用POM材质
- 尺寸见型号Bravo 2005
- 100%测试通过

适用于：充气式船，Kayak, 帐篷

Characteristics:

- Relief valve
- Studied to protect the inflation products (boats, tents etc.)from excessive pressure due to over-inflation or increases caused by thermal excursion;
- The valve can be left in the “OPEN” position (always working) or “CLOSED” position with periodical opening and consequent deflation, the open and close are made by rotating the stopper, to ensure that the color point meets the reference point.
- Relief valve pressure can be customized.
- Base and cap made of POM material
- Dimensions see art. Bravo 2005
- 100% tested.

Suitable: inflatable boats, kayaks, tents;



- 专利号 Patent No:ZL 2009 10154621.4

系列 Item	型号 Part number	校正 Calibration	颜色 Color	开启 Opening			关闭 Closing		
				KPA	mbar	psi	KPA	mbar	psi
VA 100	A080195	270/230	绿色/green	27	270	3.9	23	230	3.3
	A080196	310/270	黄色/yellow	31	310	4.5	27	270	3.9
	A080197	350/310	红色/red	35	350	5.1	31	310	4.5

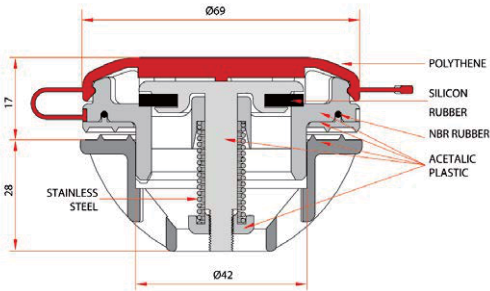
安全阀

Relief valves

- 属性:
- 安全阀
 - 该设计致力于保护充气产品（船，帐篷等）免于过度充气或温度升高而造成的压力过高；
 - 压力值可定制
 - 底座和盖子采用POM材质
 - ISO 15738认证
 - 100%测试通过
- 适用于：充气式船，帐篷，大型充气产品

- Characteristics:
- Relief valve
 - Studied to protect the inflation products (boats, tents etc.)from excessive pressure due to over-inflation or increases caused by thermal excursion;
 - Relief valve pressure can be customized.
 - Base and cap made of POM material
 - Certified ISO 15738
 - 100% tested.

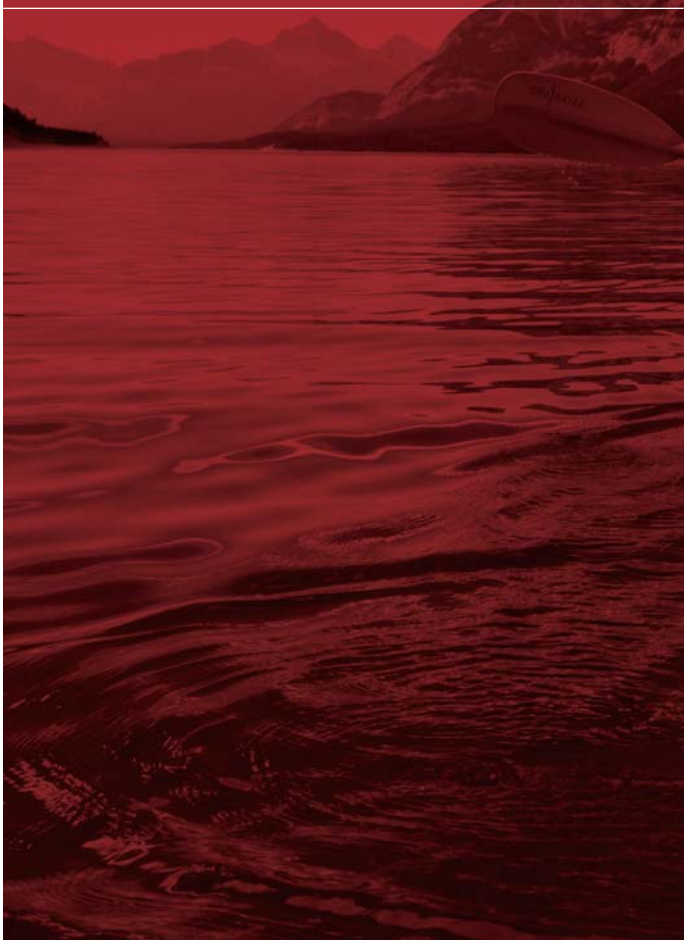
Suitable: inflatable boats, tents, high volume products.



* 生产测试公差 -5 +10% - 用户功能公差 -5 +20%
Production test tollerances -5 +10% - Functional tollerances for user -5 +20%

系列 Item	型号 Part number	额定关闭 Nominal closing	颜色 Color	关闭 Closing		
				KPA	mbar	Psi
VA 70	A080173	150	红色/red	15.0	150	2.2
	A080174	170	黑色/black	17.0	170	2.5
	A080175	200	灰色/grey	20.0	200	2.9
	A080176	225	绿色/green	22.5	225	3.3
	A080177	250	蓝色/blue	25.0	250	3.6

气阀配件
Valve Accessories



阀门扳手

Keys for valves

- 阀门扳手

Bravo 2000 - Bravo 2001- Bravo 2004 - Bravo 2005 - VA 100

- 适用于充气式船，皮划艇和和帐篷
- Key for valves

Bravo 2000 - Bravo 2001 - Bravo 2004 -Bravo 2005 - VA 100

- Suitable for inflatable boats, kayaks and tents



- 阀门扳手. 用于260 HV 大阀门

- Key for big valve 260 HV

系列 Item	型号 Part number	材质 Material	颜色 Color
Art.721	A942010	PA6	灰色/Grey
Art.723	A942030	PA6	黑色/Black
	A942032	PA6	灰色/Grey
Art.725	A942040	PA6	黑色/Black

安全放气旋钮

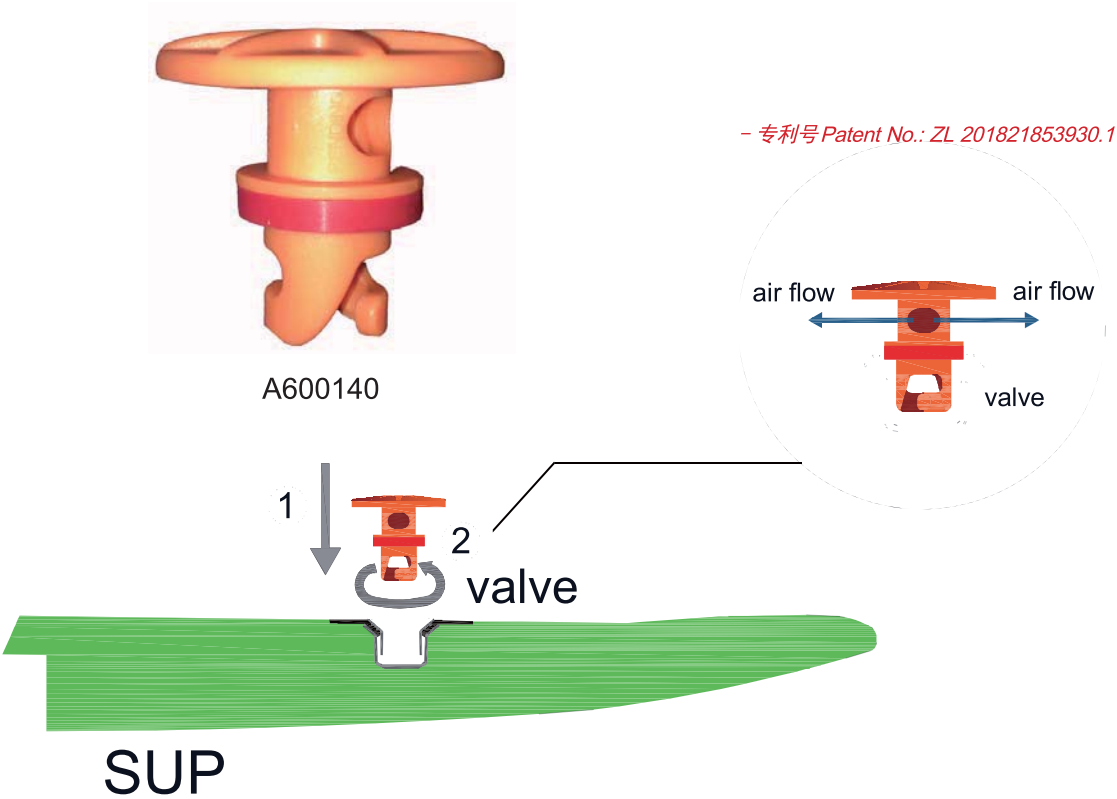
SAFEDEF

特性

- 安全放气旋钮是为保证SUP的安全放气而设计；
- 使用方便，只需将旋钮插入阀门并旋转，气体即从孔中水平排出（见如下说明）

Characteristics:

- The SAFEDEF product is designed to guarantee the safe air deflation of all SUP boards.
- Easy to use, push and rotate the SAFEDEF directly on the valve, the air flow out horizontaly (.See below picture and drawing).



系列 Item	型号 Part No.	高度 Height	材质 Material	重量 Weight
SAFEDEF	A600140	50mm	PA+40% Fiber gla	25.6g



充气式产品配件

ACCESSORIES FOR INFLATABLES

压力表

Gauge meters

数字式压力表

- 压力: 0-999 mbar (0-14.5 psi)
- 分辨率: 10 mbar (0.15 psi)
- 精度: < 1.0%
- 可选单位: mbar – psi – Kpa – bar
- 破坏压力: >150%
- 防水等级: IP65
- 电源: 电池 9V-DC
- 不含电池

Digital manometer

- Pressure: 0-999 mbar (0-14.5 psi)
- Resolution: 10 mbar (0.15 psi)
- Precision: < 1.0%
- Programmable units: mbar – psi – Kpa – bar
- Breaking pressure: >150%
- Degree of Protection: IP65
- Power supply: battery 9V-DC
- Batteries not included



尼龙袋单独包装
Single packing in Nylon bag

SP 150

- 适用于充气式船，皮划艇和帐篷
- Suitable for inflatable boats, kayaks and tents

系列 Item	型号 Part number	压力 Press.
SP 150	R551088	1 bar (14.5 psi)



SP 98/1
SP



SP 90 B (bayonet)
SP 90 S (screwable)

S - 螺纹/screwable



B - 卡口/bayonet



SP 90 SUP
SP 90-2 SUP

- 适用于充气式船，皮划艇和帐篷
- Suitable for inflatable boats, kayaks and tents

系列 Item	型号 Part number	压力 Press.	适用泵 Suitable for pumps
SP 98/1 SP 98/0,5	R201098 R201099	1 bar (14.5 psi) 0,5 bar (7.3 psi)	1 bar (14.5 psi)用于BRAVO 6M 0,5 bar (7.3 psi) 用于BRAVO 7M 和 BRAVO 8M
SP 90 B (bayonet) SP 90 S (screwable)	R551093 R551098	1 bar (14.5 psi) 1 bar (14.5 psi)	卡口用于BRAVO 4 ALU RED, BRAVO 4 ALU RED KITE 螺纹用于 BRAVO 4, BRAVO 4 SH
SP 90 SUP SP 90-2 SUP	R551097 R551002	0,5/1,5 bar (7.3/21.8 psi) 0/2 bar (0/29 psi)	用于 BRAVO SUP, BRAVO SUP HP

压力表

Gauge meters

- 适用于充气式船, SUP,皮划艇和帐篷
- Suitable for inflatable boats, SUP, kayaks and tents

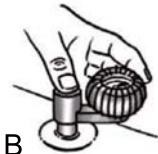


系列 Item	型号 Part number	压力 Press.	适用阀门 Suitable for valve
SP 119/HR/0,5	R151093	0,5 bar (7.3 psi)	HR
SP 119/HR/1,0	R151094	1,0 bar (14.5 psi)	HR
SP 119/2005/0,5	R151096	0,5 bar (7.3 psi)	Bravo 2005 / H3
SP 119/2005/1,0	R151095	1,0 bar (14.5 psi)	Bravo 2005 / H3
SP 119/ADJ/0,5	R151092	0,5 bar (7.3 psi)	可调/adjustable
SP 119/ADJ/1,0	R151090	1,0 bar (14.5 psi)	可调/adjustable
SP 119/ADJ/2,0	R151101	2,0 bar (29.0 psi)	可调/adjustable
SP 119/2005-HR-HRK/2.0	R151102	2,0 bar (29.0 psi)	Bravo 2005 / 2005 SUP / HR / HRK

- 适用于充气式船, SUP,皮划艇和帐篷
- Suitable for inflatable boats, SUP, kayaks and tents

特殊构造可对压力进行渐进式测量

The special configuration allows a progressive measurement of the pressure.



A 充气时压力控制 / Pressure control while inflating
B “随时”压力控制 / “Anytime” pressure control



SP 125/1
SP 125/0.5

系列 Item	型号 Part number	压力 Press.
SP 125/1	R551091	1 bar (14.5 psi)
SP 125/0,5	R551094	0,5 bar (7.3 psi)

SUP鱼鳍

SUP Fins

属性

- 全新的结构，易于安装拆卸，无需拧螺丝
- 底座注塑一体成型使产品更轻，强度更高
- 适用于SUP和Kayak



Characteristics:

- Smart structure makes it easy for assembly instead of screw in & screw out.
- Whole shape injection technology makes the fin base with high intensity and a light weight.
- Suitable for SUP and Kayak



专利申请中
Patent pending

系列 Item	型号 Part number	颜色 Color	尺寸 Dimensions	材质 Material	重量 Weight
Fast Assembly Fin Base	A401853	黑色 BLACK	100 * 280mm	ABS	166g
Fast Assembly Fin	A401854	黑色 BLACK	深度 220mm	PA6+30%FG	185g

SUP鱼鳍

SUP Fins

- 适用于SUP和Kayak
- Suitable for SUP and Kayak



A401800



A401802



A401906



A401801



A401803



A401806



A401807

系列 Item	型号 Part number	尺寸 Size	颜色 Color	材质 Material
CENTER FIN BASE BIG	A401800	100 * 280mm	黑色/black	ABS
CENTER FIN REMOVABLE BIG	A401801	深度 220mm	黑色/black	PA6 + 30% FG 玻纤
FIN BASE SMALL	A401802	750 * 200mm	黑色/black	PVC / ABS
REMOVABLE FIN SMALL	A401803	深度 140mm	黑色/black	PA6 + 30% FG玻纤
SIDE FIN SMALL	A401806	底座 53 * 215mm,深度75mm	黑色/black	PVC
SIDE FIN BIG	A401807	底座55 * 195mm,深度120mm	黑色/black	PVC
NEW US STYLE FINBOX	A401906	100 * 345mm	黑色/black	ABS

关于塑料部件的一般性说明

General instructions on soft parts

材质 Materials	所有产品均根据标准UNI ISO 4582 NORM经过抗紫外线UV测试，模拟5年老化	UV ray resistance in accordance to the UNI ISO 4582 NORM simulating 5 years aging.
PVC	我们只使用欧洲生产PVC.	We use EUROPEAN made PVC only
MPR	材料组合(NBR + PVC) 易于胶粘，极大节省成本	Material compound (NBR + PVC) easy to be glued with a considerable product cost saving.
橡胶 RUBBER	为合成橡胶（乙烯 - 丙烯的热聚合物 - 二烯) 经压缩，硫化等工艺处理	Is an elastomer (thermo polymer of ethylene -propylene - diene) stamped on compression presses and vulcanised.
PU	聚氨酯(用于救生筏组件)	Polyurethane (parts for life rafts)
粘胶 和/或 焊接 GLUEING and/or WELDING	NBR和橡胶配件可使用橡胶船生产商所使用的双组分胶水粘连 PVC配件可使用类似胶水粘连或 射频焊接.	The NBR and RUBBER accessories can be glued with the bi-component glues currently used by rubber boat manufacturers. The PVC accessories can be glued with similar glues or RF (radio Frequency thermo-welded).
颜色 COLOURS	标准配件为黑色和灰色 (RAL 7035)大批量订购时可选其他颜色.	The standard accessories are black and grey (RAL 7035). Different colours can be supplied on request for large lots
大货包装 BULK PACKING	配件为整盒出售，请参阅价目表每盒只数	The fittings, intended for the producers, are supplied in complete boxes. Please see the price list as for the quantities per box.

把手

Handles

- 适用于充气式船
- Suitable for inflatable boats



系列 Item	型号 Part number	材质 Material	颜色 Color	尺寸 Dim. mm
333	A158416	PVC	黑色/black	90 * 280 * h 65
	A158406	PVC	灰色/grey	90 * 280 * h 65
	A939333	MPR	黑色/black	90 * 280 * h 65
	A939406	MPR	灰色/grey	90 * 280 * h 65
331	A158410	PVC	黑色/black	90 * 245 * h 47
	A158412	PVC	灰色/grey	90 * 245 * h 47
	A939332	MPR	黑色/black	90 * 245 * h 47
	A939405	MPR	灰色/grey	90 * 245 * h 47
322	A151322	PVC	黑色/black	90 * 220 * h 32
	A151323	PVC	灰色/grey	90 * 220 * h 32
	A901322	MPR	黑色/black	90 * 220 * h 32
	A901323	MPR	灰色/grey	90 * 220 * h 32

把手
Handles

- 适用于充气式船
- Suitable for inflatable boats



313



321



306



307

成对订购 / To be ordered per pair

系列 Item	型号 Part number	材质 Material	颜色 Color	尺寸 Dim. mm
313	A151313	PVC	黑色/black	100 * 210 * h 38
	A151314	PVC	灰色/grey	100 * 210 * h 38
	A901313	MPR	黑色/black	100 * 210 * h 38
	A901315	MPR	灰色/grey	100 * 210 * h 38
306	A151306	PVC	黑色/black	110 * 260 * h 45
	A158306	PVC	灰色/grey	110 * 260 * h 45
	A901306	MPR	黑色/black	110 * 260 * h 45
	A939306	MPR	灰色/grey	110 * 260 * h 45
307	A151307	PVC	黑色/black	110 * 260 * h 45
	A158307	PVC	灰色/grey	110 * 260 * h 45
	A901307	MPR	黑色/black	110 * 260 * h 45
	A939307	MPR	灰色/grey	110 * 260 * h 45
321	A151321	PVC	黑色/black	70 * 205 * h 46
	A151324	PVC	灰色/grey	70 * 205 * h 46

桨座
 Oar holder

- 适用于充气式船
- Suitable for inflatable boats



桨座/ Oar holder



桨座/ Oar holder



桨座/ Oar holder



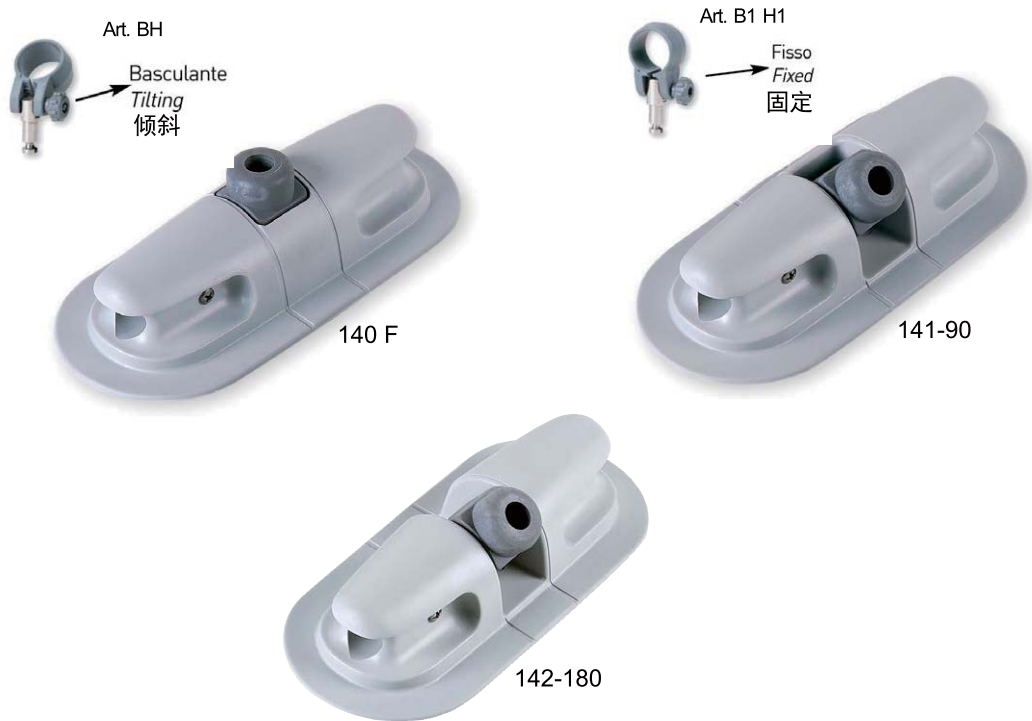
桨座底座/ Oar holder on blade

系列 Item	型号 Part number	材质 Material	颜色 Color	尺寸 Dim. mm	孔 Hole mm.
681	A309686	PVC	黑色/black	80 * 132 * h 44	Ø 32 - 35
	A309688	PVC	灰色/grey	80 * 132 * h 44	Ø 32 - 35
669	A301669	PVC	黑色/black	64 * 91 * h 41	Ø 30
	A309669	PVC	灰色/grey	64 * 91 * h 41	Ø 30
678	A301678	PVC	黑色/black	75 * h 118	Ø 35
	A309681	PVC	灰色/grey	75 * h 118	Ø 35
	A901678	MPR	黑色/black	75 * h 118	Ø 35
	A939678	MPR	灰色/grey	75 * h 118	Ø 35
670	A301670	PVC	黑色/black	90 * 60 * h 16	Ø 5
	A301671	PVC	灰色/grey	90 * 60 * h 16	Ø 5
	A901670	MPR	黑色/black	90 * 60 * h 16	Ø 5
	A901673	MPR	灰色/grey	90 * 60 * h 16	Ø 5

桨座

Oar holder

- 适用于充气式船
- Suitable for inflatable boats



系列 Item	型号 Part number	材质 Material	颜色 Color	尺寸 Dim. mm
140 F	A051400	PVC	黑色/black	90 * 200 * h 50
	A051401	PVC	灰色/grey	90 * 200 * h 50
	A901300	MPR	黑色/black	90 * 200 * h 50
	A901301	MPR	灰色/grey	90 * 200 * h 50
BH	S241146	尼龙/铜 nylon/brass	黑色/black	Ø 35
	S241176	尼龙/铜 nylon/brass	灰色/grey	Ø 35
141-90	A051410	PVC	黑色/black	90 * 200 * h 40
	A051420	PVC	灰色/grey	90 * 200 * h 40
	A901310	MPR	黑色/black	90 * 200 * h 40
	A901311	MPR	灰色/grey	90 * 200 * h 40
B1 H1	S241149	尼龙/铜 nylon/brass	黑色/black	Ø 35
	S241147	尼龙/铜 nylon/brass	灰色/grey	Ø 35
142-180	A051510	PVC	黑色/black	90 * 200 * h 40
	A051520	PVC	灰色/grey	90 * 200 * h 40
	A901320	MPR	黑色/black	90 * 200 * h 40
	A901321	MPR	灰色/grey	90 * 200 * h 40

桨锁
 Rowlocks

- 适用于充气式船
- Suitable for inflatable boats



145-90



146-180



此类桨锁请使用带密封的桨
 For these rowlocks, pls. use oars
 with seal



所有类型可穿绳
 Through rope in all types



所有类型可拆卸（底座无需脱胶）
 All types can be disassembled without ungluing the base

系列 Item	型号 Part number	材质 Material	颜色 Color	尺寸 Dim. mm	孔 Hole mm.
145-90	A051450	PVC	黑色/black	90 * 200 * h 40	Ø 10
	A051451	PVC	灰色/grey	90 * 200 * h 40	Ø 10
	A901330	MPR	黑色/black	90 * 200 * h 40	Ø 10
	A901331	MPR	灰色/grey	90 * 200 * h 40	Ø 10
146-180	A051460	PVC	黑色/black	90 * 200 * h 40	Ø 10
	A051461	PVC	灰色/grey	90 * 200 * h 40	Ø 10
	A901340	MPR	黑色/black	90 * 200 * h 40	Ø 10
	A901341	MPR	灰色/grey	90 * 200 * h 40	Ø 10



122

- 结合C-H和B-H桨锁使用
- To be combined with C-H and B-H oarlocks

系列 Item	型号 Part number	材质 Material	颜色 Color	尺寸 Dim. mm
122	A051122	PVC	黑色/black	130 * 91 * h 32
	A051123	PVC	灰色/grey	130 * 91 * h 32

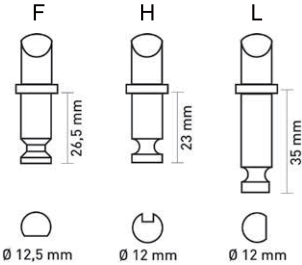
桨锁 Rowlocks

- 适用于充气式船(艇长小于3米).
- Suitable for inflatable boats(dinghies up to 3 m.)



系列 Item	型号 Part number	材质 Material	颜色 Color	尺寸 Dim. mm	备注 Remarks
120M	A051134	PVC	黑色/black	110 * 170 * h 40	结合C-H和B-H桨 锁使用 To be combined with C-H and B-H oarlocks
	A059134	PVC	灰色/grey	110 * 170 * h 40	
	A901121	MPR	黑色/black	110 * 170 * h 40	
	A901122	MPR	灰色/grey	110 * 170 * h 40	
120F	A051133	PVC	黑色/black	110 * 170 * h 40	
	A059133	PVC	灰色/grey	110 * 170 * h 40	
	A901120	MPR	黑色/black	110 * 170 * h 40	
	A901119	MPR	灰色/grey	110 * 170 * h 40	
117	A051117	PVC	黑色/black	150 * 220 * h 30	/
	A059117	PVC	灰色/grey	150 * 220 * h 30	
	A901117	MPR	黑色/black	150 * 220 * h 30	
620	A939117	MPR	灰色/grey	150 * 220 * h 30	/
	A351620	尼龙/Nylon	黑色/black	80 * h 60 - Ø 35	

系列 Item	型号 Part number	颜色 Color
BF	S241144	黑色/black
	S241178	灰色/grey
BH	S241146	黑色/black
	S241176	灰色/grey
BL	S241124	黑色/black
	S241173	灰色/grey
CF	S241148	黑色/black
	S241157	灰色/grey
CH	S241150	黑色/black
	S241151	灰色/grey
CL	S241152	黑色/black
	S241153	灰色/grey



铜Brass



塑料/ Palstic

B Ø 35 mm

C Ø 32 mm

锚座和绳扣
Cleat and rope holders



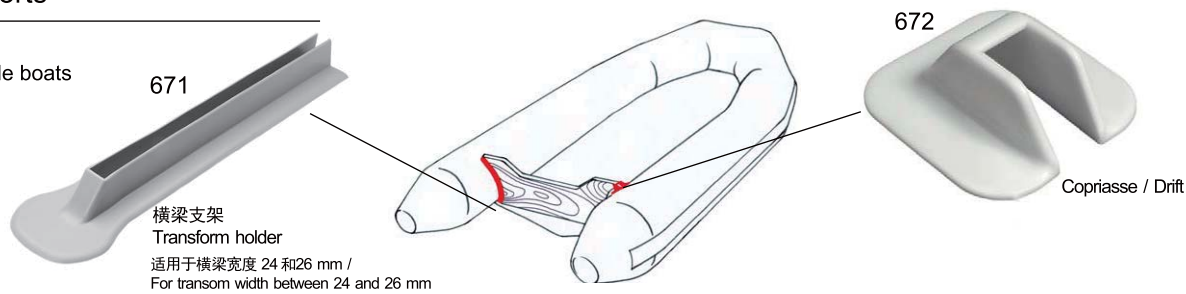
- 适用于充气式船
- Suitable for inflatable boats

系列 Item	型号 Part number	材质 Material	颜色 Color	尺寸 Dim. mm	孔 Hole mm.
535	A401535	PVC	黑色/black	250 * 200 * h 60	/
	A401536	PVC	灰色/grey	250 * 200 * h 60	/
	A901535	MPR	黑色/black	250 * 200 * h 60	/
	A901536	MPR	灰色/grey	250 * 200 * h 60	/
444	A201444	PVC	黑色/black	70 * 100 * h 33	Ø 13
	A201445	PVC	灰色/grey	70 * 100 * h 33	Ø 13
	A201446	MPR	黑色/black	70 * 100 * h 33	Ø 13
	A201447	MPR	灰色/grey	70 * 100 * h 33	Ø 13
442	A201442	PVC	黑色/black	88 * 58 * h 26	Ø 14
	A201443	PVC	灰色/grey	88 * 58 * h 26	Ø 14
	A901442	MPR	黑色/black	88 * 58 * h 26	Ø 14
	A901443	MPR	灰色/grey	88 * 58 * h 26	Ø 14
400	A205401	PVC	黑色/black	58 * 83 * h 24	Ø 13
	A205402	PVC	灰色/grey	58 * 83 * h 24	Ø 13
	A901400	MPR	黑色/black	58 * 83 * h 24	Ø 13
	A939400	MPR	灰色/grey	58 * 83 * h 24	Ø 13
401	A201401	PVC	黑色/black	Ø 75 - h 19	Ø 13
	A291401	PVC	灰色/grey	Ø 75 - h 19	Ø 13
	A901401	MPR	黑色/black	Ø 75 - h 19	Ø 13
	A939401	MPR	灰色/grey	Ø 75 - h 19	Ø 13
	A203401	PU	黑色/black	Ø 75 - h 19	Ø 13
110	A051135	PVC	黑色/black	95 * 175 * h 22	/
	A051137	PVC	灰色/grey	95 * 175 * h 22	/
	A939110	MPR	灰色/grey	95 * 175 * h 22	/

挡板座

Transform supports

- 适用于充气式船
- Suitable for inflatable boats



系列 Item	型号 Part number	材质 Material	轴厚度 Axis thickness	颜色 Color	尺寸 Dim. mm
672	A401690	PVC	18	黑色/black	80 * 85 * h 32
	A401691	PVC	18	灰色/grey	80 * 85 * h 32
	A401693	PVC	22	黑色/black	80 * 85 * h 32
	A401692	PVC	22	灰色/grey	80 * 85 * h 32
	A939661	MPR	18	黑色/black	80 * 85 * h 32
	A939660	MPR	18	灰色/grey	80 * 85 * h 32
	A939663	MPR	22	黑色/black	80 * 85 * h 32
	A939662	MPR	22	灰色/grey	80 * 85 * h 32
671	A401671	PVC	25,6	黑色/black	540 * 100 * h 47
	A401672	PVC	25,6	灰色/grey	540 * 100 * h 47
	A901671	MPR	25,6	黑色/black	540 * 100 * h 47
	A901672	MPR	25,6	灰色/grey	540 * 100 * h 47

保护板

Protection plates

材质为PP，用于保护船壳，船体内外均可安装。
Made of polypropylene, they are useful in protecting the hull. They can be applied both in and outboard.

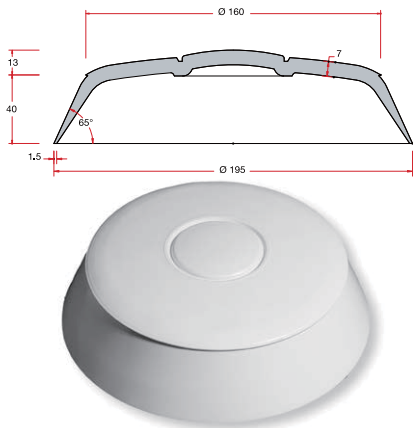


系列 Item	型号 Part number	颜色 Color	尺寸 Dimm.
695	B184000	黑色/black	223 * 84 * 5,5 mm
	B184001	灰色/grey	223 * 84 * 5,5 mm
696	B184010	黑色/black	308 * 104 * 5,5 mm
	B184011	灰色/grey	308 * 104 * 5,5 mm
697	B184020	黑色/black	300 * 209 * 7,5 mm
	B184021	灰色/grey	300 * 209 * 7,5 mm
698	B184030	黑色/black	430 * 324 * 6,6 mm
	B184031	灰色/grey	430 * 324 * 6,6 mm

充气船用尾椎

End cones

- 适用于充气式船
- Suitable for inflatable boats

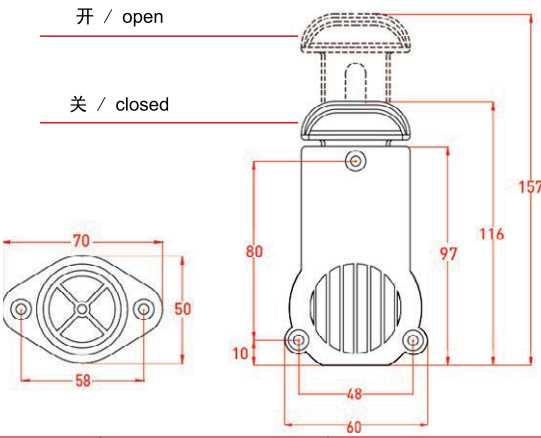
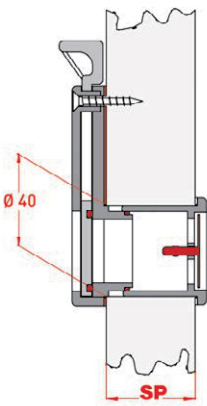


系列 Item	型号 Part number	材质 Material	颜色 Color
615	A508001	PVC	黑色/black
	A401611	PVC	灰色/grey
	A508002	MPR	灰色/grey

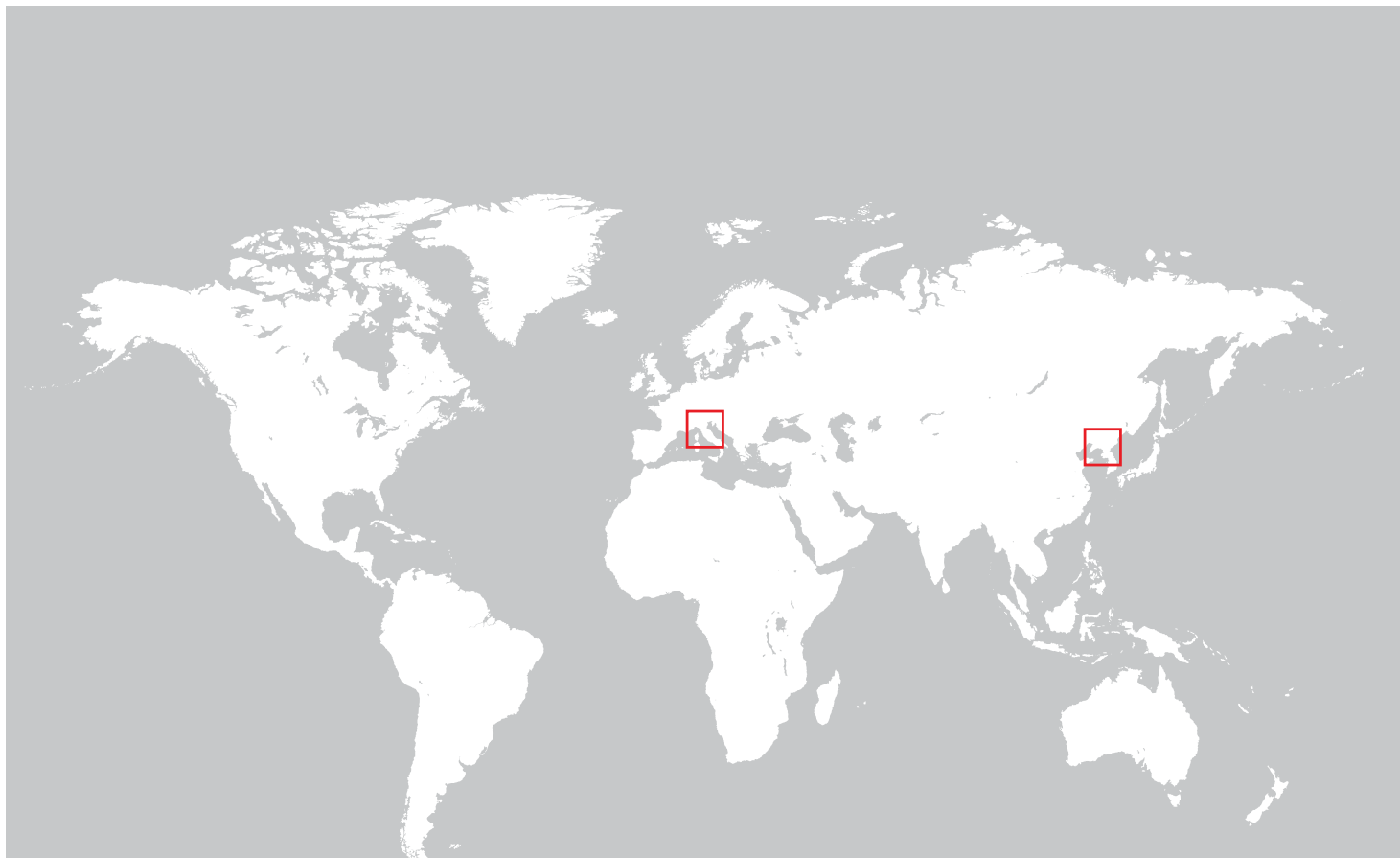
排水塞

Water drains

- 适用于充气式船
- Suitable for inflatable boats



系列 Item	型号 Part number	参数 Model	轴厚度 Axis thickness	材质 Material	颜色 Color
614	A403626	17/23	17 ÷ 23 mm	尼龙 nylon	灰色/grey
	A403627	22/28	24 ÷ 30 mm	尼龙 nylon	灰色/grey
	A403628	34/40	36 ÷ 42 mm	尼龙 nylon	灰色/grey



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