



**Cadet RIB DL ALU**  
**300 – 330 – 360 – 390**

***Tome 2 – Volume 2***  
***Teil 2 – Tomo 2***

Edition 0



LIRE ATTENTIVEMENT CE MANUEL AVANT LA MISE EN SERVICE DE VOTRE ZODIAC.  
CAREFULLY READ THIS MANUAL BEFORE OPERATING YOUR ZODIAC.  
LEGGERE ATTENTAMENTE PRIMA DE INIZIARE IL MONTAGGIO DEL VOSTRO ZODIAC.  
VOR INBETRIEBNAHME IHRES ZODIAC VORLIEGENDES HANDBUCH AUFMERKSAM LESEN.  
LEER CUIDADOSAMENTE ESTE MANUAL ANTES DE PONER EN SERVICIO SU ZODIAC.



**WARNING**

- CAREFULLY READ THIS MANUAL BEFORE OPERATING YOUR BOAT.
- THIS OWNER'S MANUAL IS IN TWO VOLUMES THAT MUST BE KEPT TOGETHER.

**NOTICE:**

**THE OWNER'S MANUAL IS IN TWO VOLUMES:**

**- VOLUME 1**

DEALS WITH OPERATING PRECAUTIONS AND SAFETY RECOMMENDATIONS THAT MUST BE OBSERVED.

**- VOLUME 2**

DEALS WITH TECHNICAL SPECIFICATIONS AND ASSEMBLY PROCEDURE OF THE BOAT AND ITS EQUIPMENT.

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## **VOLUME 2**

### **TECHNICAL SPECIFICATIONS - ASSEMBLY PROCEDURE**

# **ZODIAC**

## **Cadet RIB DLALU**

**300 – 330 – 360 – 390**

### **CONTENTS**

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## ASSEMBLY PROCEDURE

We recommend that you follow the specific order of the assembly procedure. Proceed step by step and refer to the corresponding pages.

PROCEDURE	PAGE	SECTION
1. inventory the elements composing your boat, and learn how to recognise them	2	<b>CHECK ON UNPACKING</b>
	I – V	<b>DESCRIPTION</b>
2. activate valves into inflating position	3	<b>INFLATION SYSTEM</b>
3. Install the seat	6	<b>ASSEMBLY OF EQUIPMENT</b>
4. inflate the boat to the correct pressure	4 / 5	<b>INFLATION / PRESSURE</b>
5. Install the oars	6	<b>ASSEMBLY OF EQUIPMENT</b>

## CHECK ON UNPACKING

 <b>CAUTION</b>	<b>DO NOT USE A SHARP TOOL</b>
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The pack must contain: 1 buoyancy tube +

<b>ZODIAC Cadet</b>	<b>300</b>	<b>330</b>	<b>360</b>	<b>390</b>
Hull	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>
Repair kit	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>
Owner's manual *	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>

<b>Standard equipment</b>				
Reinforced aluminium oars	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>
Removable wooden seat	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
Foot-pump	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>

\* 2 volumes

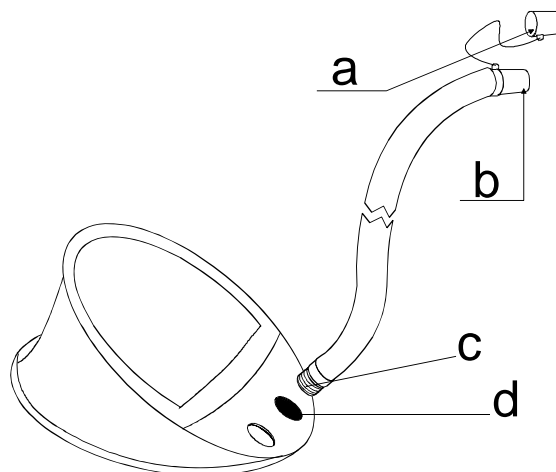
You can equip your boat with many optional accessories (transportation wheels, boarding ladder, lifting rings etc.). Ask your dealer to advise you.

## INFLATION SYSTEM

The inflation system is composed of:

### THE FOOT PUMP

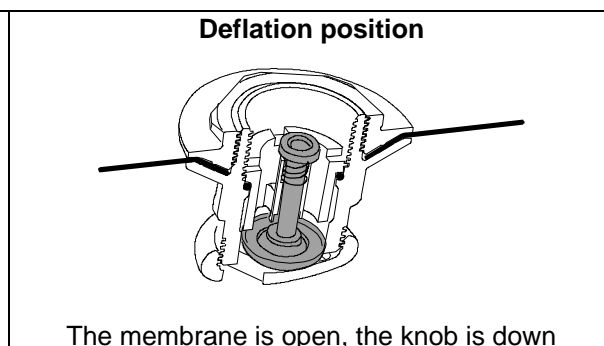
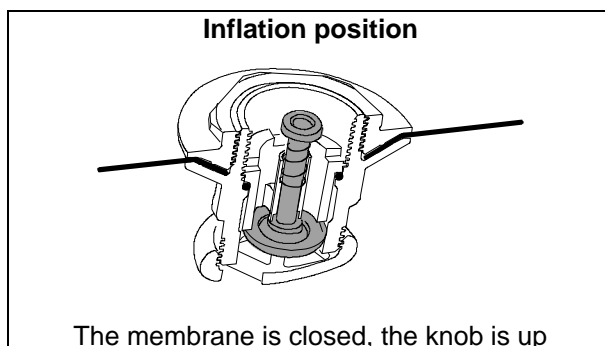
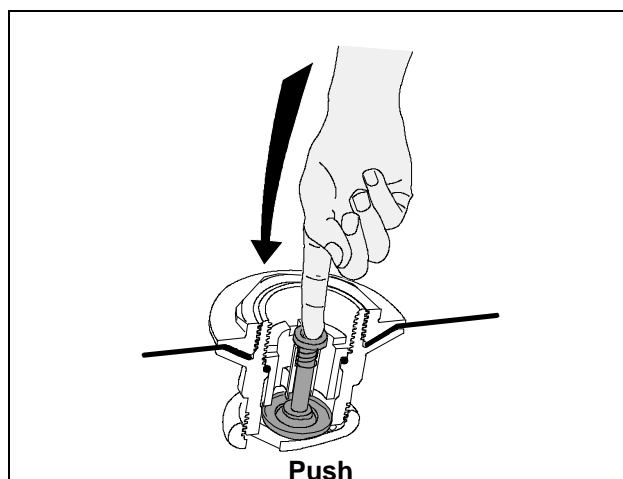
- a. connecting tip
- b. hose end piece
- c. hose base
- d. outlet for inflation



ENGLISH

### THE "EASY-PUSH" VALVES

To change position:

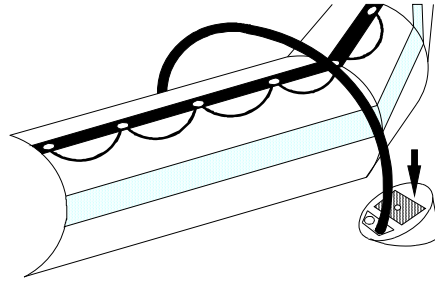


**NOTICE:** TO SCREW OR UNSCREW THE VALVE CAPS, TURN. WITHOUT PRESSING OR FORCING (THIS COULD UNSCREW THE INNER VALVE SYSTEM).

## INFLATION

**Activate all valves into inflation position.**

Fit the hose to the foot-pump.  
 To inflate your boat properly, the bottom side of the foot-pump must rest on a flat ground.  
 Pump evenly to inflate rapidly.


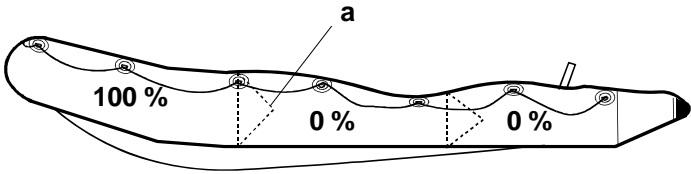



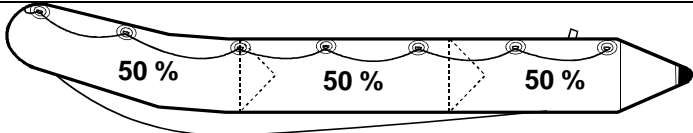
 <b>CAUTION</b>	<p><b>DO NOT USE A COMPRESSOR OR A BOTTLE OF COMPRESSED AIR</b></p>
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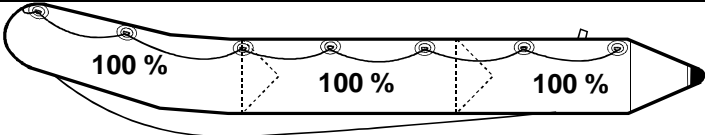
You can use the electrical air pump *ACCESS* (ask your Dealer).

### TO INFLATE THE MAIN BUOYANCY TUBE

- Insert the pump hose end piece (add the correct connecting tip for the semi-recessed valve)
- Inflate (**pressure = 240 mb ( 3.4 PSI )**, refer to **PRESSURE** section) making sure that each compartment is equal. When correctly inflated, the internal bulkheads (a) are not visible.

	<p><b>NEVER COMPLETELY INFLATE A COMPARTMENT TO FULL PRESSURE IF OTHER COMPARTMENTS ARE TOTALLY DEFLATED</b></p>	
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	<p>1</p>	
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	<p>2</p>	
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**Inflation is over:** fit the valve caps tight (clockwise).

<p><b>NOTICE :</b></p>	<p>A slight air-leak before screwing the valve caps is normal.  <b>ONLY THE VALVE CAPS CAN ENSURE FINAL AIR TIGHTNESS.</b></p>
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## PRESSURE

**The correct pressure for the buoyancy tube is 240 mb/3,4 PSI** (green area of the pressure indicator).

If your boat is not equipped with a **ACCESS** pressure indicator, we recommend that you purchase one from your Dealer. This will permit a quick and efficient control of the pressure during inflation. Without a pressure indicator, stop inflating when the foot-pump gets difficult to operate, and the boat is « hard » (you should not be able to bend the cone ends).

Ambient temperature of air and water have an effect on the boat's internal pressure

Ambient temperature	tubes' internal pressure
+1°C / +1,8°F	+4 mb / 0,06 PSI
-1°C / -1,8°F	-4 mb / 0,06 PSI

**Therefore, it is important to anticipate:**

Because of temperature variations (especially when this variation is important between the beginning and the end of the day, in hot areas) check and adjust the pressure in the inflated compartments by inflating or deflating. Be sure that pressure remains within the recommended zone, between 220 mb/3,10 PSI and 270 mb/3,85 PSI (green area).

**RISK OF UNDERPRESSURE**

**EXAMPLE:** Your boat is in direct sunlight on the beach (temperature =50°C/122°F) at recommended pressure (240 mb/3,4 PSI). after putting it in the colder water (temperature =20°C/68°F), the internal temperature and pressure of the tubes will both drop (up to 120 mb/1,7 PSI) and **YOU WILL HAVE TO INFLATE AGAIN** until you regain the lost pressure due to the difference in temperatures. Therefore, a loss of pressure at the end of the day when ambient temperature drops is perfectly normal.

**RISK OF OVERPRESSURE**

**EXAMPLE:** Your boat is inflated to the recommended pressure (240 mb/3,4 PSI) at the beginning of the day (low ambient temperature =10°C/50°F). Later in the day, your boat is in direct sunlight on the beach or on a yacht's deck (temperature =50°C/122°F). Internal temperature of all inflated compartments can then increase and reach up to 70°C/158°F (especially for dark-coloured tubes). The consequence will be a doubling of previous pressure (480 mb/6,8 PSI). **YOU WILL THEN HAVE TO DEFLATE** until you reach the recommended pressure.

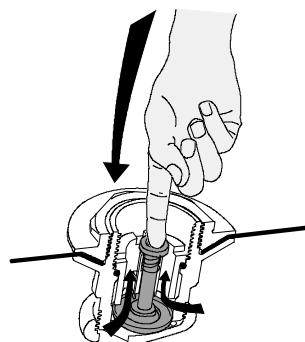


**WARNING**

**WHEN YOUR BOAT IS OVER INFLATED, PRESSURE BECOMES TOO STRONG FOR THE INFLATABLE STRUCTURE, AND COULD CAUSE A BREAK IN THE FABRIC ASSEMBLY**

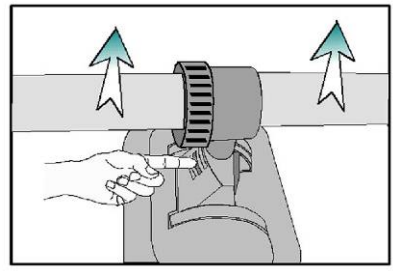
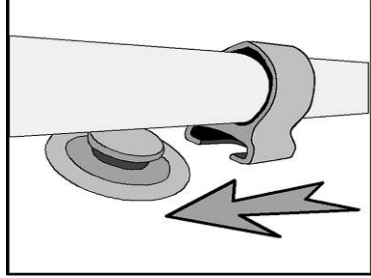
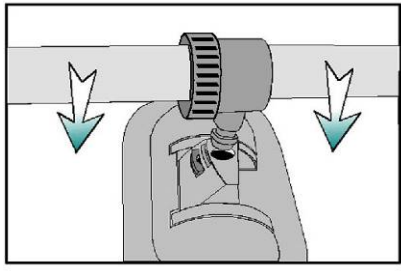
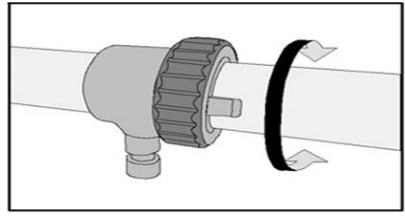
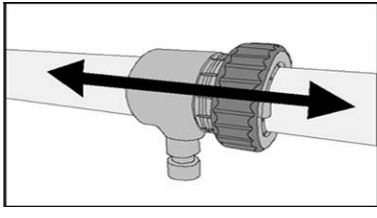
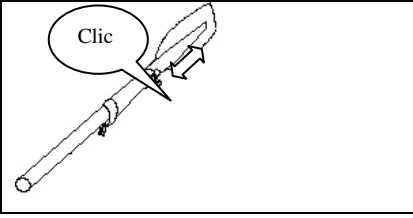
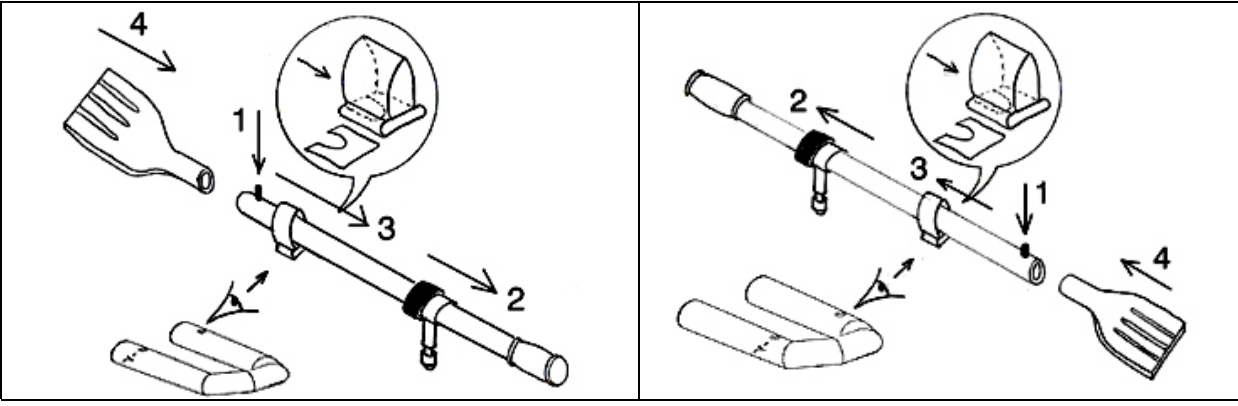
**IN CASE OF OVERPRESSURE**

**“EASY-PUSH” VALVE :**  
deflate by pressing the spring loaded button.



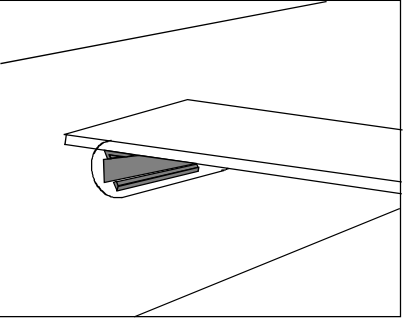
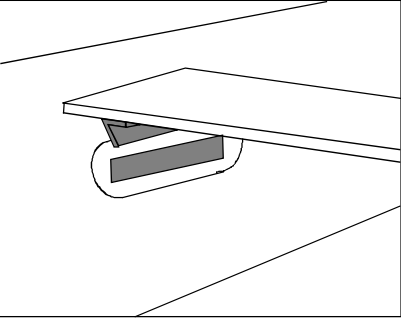
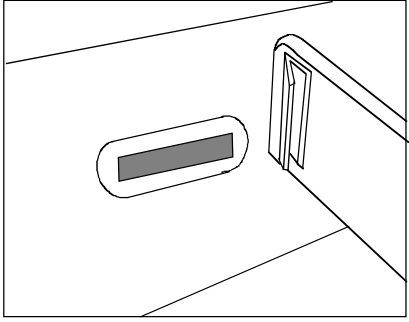
**ASSEMBLY OF STANDARD EQUIPMENT**

**OARS**



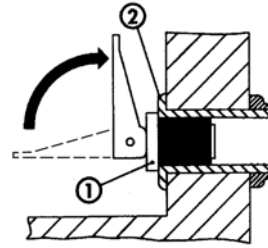
**THE REMOVABLE SEAT**

Install the seat before the boat is totally inflated.



## BAILER + PLUG

- To install the deck plug hole cap (part 1) push it into the lever (part 2) in the transom.
- TO LOCK IT IN POSITION, TURN THE HANDLE 90° AS SHOWN BY THE ARROW.




- ❖ Boat outside the water (on trailer, cradle, etc.)  
OPEN POSITION, PLUG REMOVED.
- ❖ Boat in the water  
CLOSED POSITION, PLUGS IN POSITION.  
MAKE SURE THAT THE BAILER IS CORRECTLY LOCKED

## DEFLATING / FOLDING THE BOAT

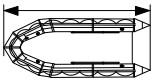


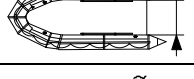
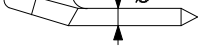
1. **Deflate** the boat
2. **Replace** the valve protections.
3. **Remove** oars and equipment.
4. **Empty** the boat of all water and sand by opening the self-bailers, dry it.
5. **Fold in** the 2 sides of the main buoyancy tube. Fold the tubes over the hull and fold the cones onto the transom.
6. **Place** oars and foot pump inside of boat.




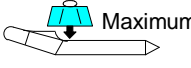
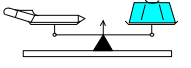
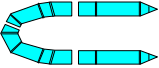
**DESCRIPTION - DESCRIZIONE - BESCHREIBUNG - DESCRIPCIÓN**

 <b>ZODIAC</b> <i>Cadet RIB</i>	<b>300</b>	<b>330</b>	<b>360</b>	<b>390</b>
	PVC	PVC	PVC	PVC




**Dimensions - Dimensions - Dimensioni - Abmessungen - Dimensiones**

	<b>(m)</b>	3,03	3,33	3,63	3,93
	<b>(ft)</b>	9'11"	10'11"	11'11"	12'11"
	<b>(m)</b>	2,08	2,37	2,67	2,98
	<b>(ft)</b>	6'10"	7'9"	8'9"	9'9"
	<b>(m)</b>	1,67	1,67	1,67	1,67
	<b>(ft)</b>	5'5"	5'5"	5'5"	5'5"
	<b>(m)</b>	0,78	0,78	0,78	0,78
	<b>(ft)</b>	2'6"	2'6"	2'6"	2'6"
	<b>(m)</b>	0,41	0,41	0,41	0,41
	<b>(ft)</b>	16"	16"	16"	16"

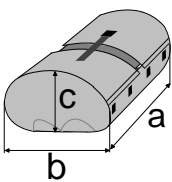

**Capacité - Capacity - Capacità - Kapazität - Capacidad**

 (ISO)		5	6	6	7
 Maximum	<b>Kg*</b>	463	548	558	643
	<b>lb.*</b>	1021	1208	1230	1418
	<b>Kg**</b>	58	62	68	74
	<b>lb.**</b>	128	137	150	163
		3	3	3	3

**Motorisation - Outboard data - Motorizzazione - Außenbordmotor - Motorización**

		S	S	S	S	
	Minimum	<b>CV**</b>	10	10	15	15
		<b>KW**</b>	8	8	12	12
	Maximum	<b>CV**</b>	15	15	30	30
		<b>KW**</b>	12	12	23	23
 Maximum	<b>Maximum Kg</b>	56	56	89	89	
	<b>Maximum Lbs</b>	123	123	196	196	

**Encombrement - Storage dimensions - Ingombro - Packmaße - Dimensiones (m / ft)**

	<b>a</b>	2,7 8'10"	3 9'10"	3,3 10'10"	3,5 11'6"
	<b>b</b>	1 3'3"	1 3'3"	1 3'3"	1 3'3"
	<b>c</b>	0,55 1'10"	0,6 1'12"	0,6 1'12"	0,65 2'2"
 2013/53/UE		D	D	C	C

**DESCRIPTION - DESCRIPTION - BESCHREIBUNG - DESCRIZIONE - DESCRIPCIÓN**

<b>NOTE NOTICE : NOTA : HINWEIS :</b>	Toutes les mesures indiquées sont susceptibles de varier de + ou - 3% All dimensions indicated have a tolerance of +/-3% Tutte le dimensioni indicate hanno una tolleranza del +/- 3% Alle angegebenen Abmessungen haben eine Toleranz von +/- 3%. Todas las dimensiones tienen una tolerancia de +/- 3% Poids, weight, peso, Gewicht, peso : +/- 5%
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\* The maximum payload has been calculated according to ISO standards. Operating at or near maximum payload is only advised in calm water and at reduced speeds.

\*\* The weights indicated do not include any accessories

\*\*\*The spread of engine sizes corresponds to the efficient use of the boat with an average load. The minimum power is exploitable in relaxed activities, such as fishing, while the maximum recommended power is destined for performance activities such as water-skiing.

Where the maximum power exceeds the recommended power it must be treated with extreme care.

\* La charge maximale autorisée a été calculée selon la norme ISO. Il est recommandé de naviguer avec précaution lorsque le bateau est chargé au maximum.

\*\* Poids indiqués hors accessoires

\*\*\*Les puissances conseillées correspondent à une exploitation optimale des capacités du bateau pour une charge moyenne. Selon l'utilisation, vous choisirez la puissance maximale (ski nautique) ou minimale (pêche, promenade).

Utilisez la puissance maximale autorisée avec une extrême prudence (voir Tome 1 du manuel chapitre "Conseils de navigation").

\* La portata massima autorizzata è calcolata in conformità alla normativa ISO. In condizioni di massimo carico si raccomanda di navigare con particolare prudenza.

\*\* Pesi s'intendono accessori esclusi

\*\*\*Le potenze suggerite corrispondono ad uno sfruttamento ottimale delle capacità del battello, in condizioni medie di carico. In funzione del tipo di utilizzo prevalente, potrà essere preferita la motorizzazione massima (sci nautico) o minima (pesca, impiego familiare).

La potenza massima autorizzata deve essere sfruttata con prudenza.

\* Die zulässige Nutzlast wurde gemäß ISO-Normen berechnet. Fahren mit oder nahe der zulässigen Nutzlast ist nur empfehlenswert in ruhigem Wasser und mit reduzierter Geschwindigkeit.

\*\* Die Gewichtsangaben beinhalten kein Zubehör

\*\*\*Die Bandbreite der Motorleistung entspricht einer optimalen Nutzung des Bootes bei durchschnittlicher Zuladung. Die minimale Motorleistung ist für entspannende Tätigkeiten wie Angeln, während die maximal empfohlene Motorleistung für hohe Fahrleistung wie Wasserski bestimmt ist.

Ist die zulässige Motorleistung größer als die empfohlene, muß mit äußerster Vorsicht gehandelt werden.

\* La carga máxima autorizada se ha calculado según la norma ISO. Se recomienda navegar con precaución cuando la embarcación esté cargada al máximo.

\*\* Pesi s'intendono accessori esclusi

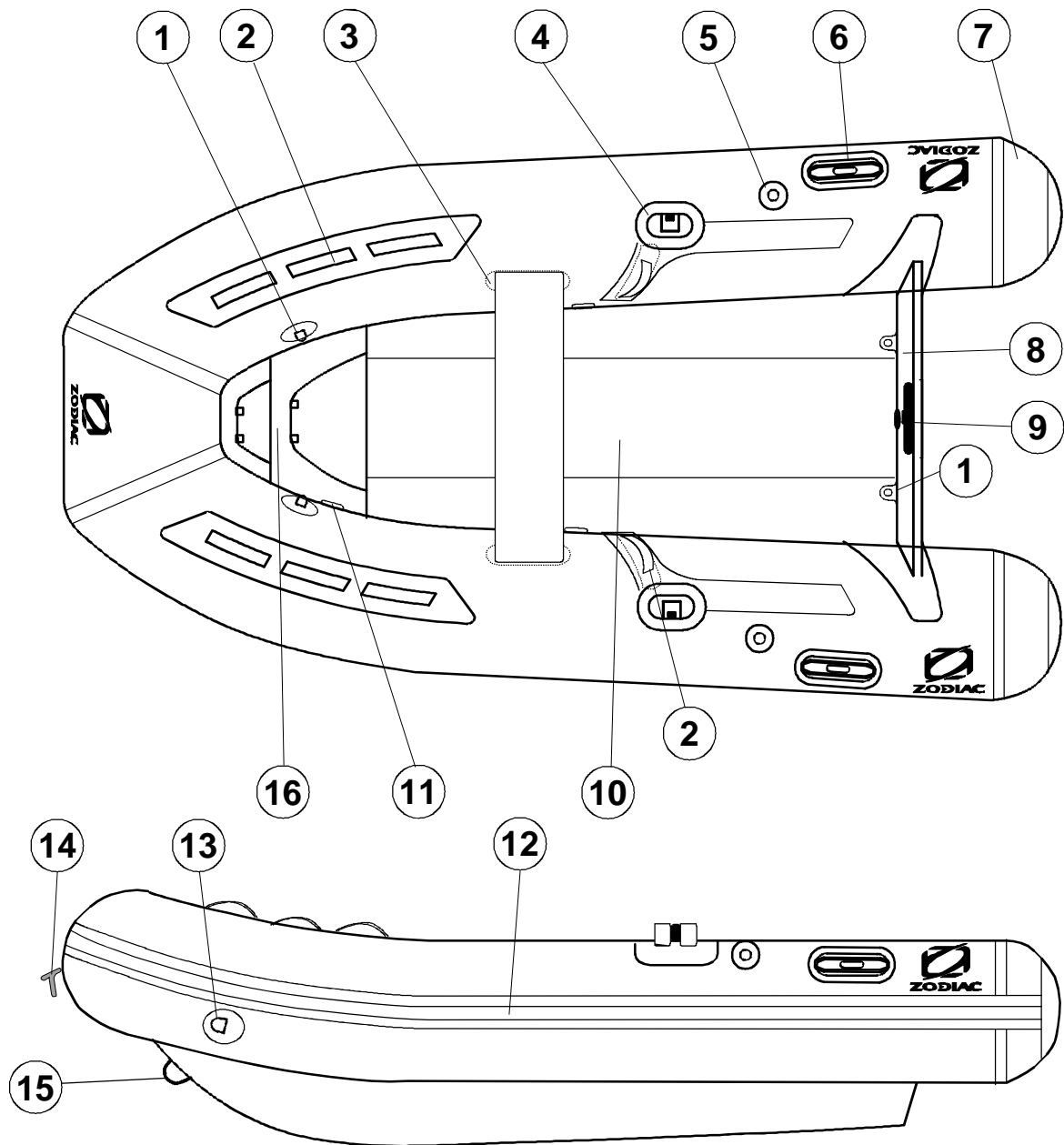
\*\*\*Las potencias aconsejadas corresponden a una explotación óptima de las capacidades de la embarcación para una carga media. Según la utilización, escogerá la potencia máxima (esquí náutico) ó mínima (pesca, paseo).

Utilice la potencia máxima autorizada con extrema prudencia.

**DESCRIPTION - DESCRIPTION - BESCHREIBUNG - DESCRIZIONE - DESCRIPCIÓN**

	<b>Français</b>	<b>English</b>	<b>Italiano</b>	<b>Deutsch</b>	<b>Español</b>
<b>1</b>	anneaux de levage	forward lifting rings	golfari di poppa	bug-Hubringe	anillos de levantamiento delanteros
<b>2</b>	poignées	handles	maniglie	griffe	asa
<b>3</b>	banc de nage amovible	removable wooden seat	Panchetta amovibile	herausnehmbare Sitzducht	banqueta de remo amovible
<b>4</b>	supports dames de nage	rowlock blocks	Scalmi basculanti	klappbare Ruderrollen	soportes chumaceras
<b>5</b>	repos d'avirons	oar rest	Sistemi di fissaggio dei remi	Ruderfixierungen	sujeta remos
<b>6</b>	poignée de portage	carrying handle	maniglie de trasporto	Tragegriffe	asa de transporte
<b>7</b>	cône	cone	coni	Heckkonen	Cono
<b>8</b>	tableau arrière	transom	specchio di poppa	Heckspiegel	tabla popa
<b>9</b>	vide vite	self bailer	autovuotanti	Lenz schnell Ventile	Desagües
<b>10</b>	coque	hull	scafo	Rumpf	Casco
<b>11</b>	valve de gonflement flotteur	main buoyancy tube valve	valvola di gonfiaggio tubolari	Ventile (Schauchköper)	válvula flotador principal
<b>12</b>	bande antiragage périmétrique nervurée	non-scurf rubbing strake	bottaccio di protezione piatto perimetrale	verstärkte Rundum-Scheuerleiste	defensa periférica
<b>13</b>	anneau de remorquage	towing ring	anelli di rimorchio	Schleppringe	anilla de arrastre
<b>14</b>	poignée avant	bow handle	maniglia anteriore	Buggriff	asa delantera
<b>15</b>	cadène avant	bow ring	golfare del dritto di prua	vorstevenring	anillo de estrave
<b>16</b>	Coffre à mouillage	Anchoring chest	Gavitello d'ormeggio	Ankerkasten	Cofre de fondeo

DESCRIPTION - DESCRIPTION - DESCRIZIONE  
BESCHREIBUNG - DESCRIPCIÓN





2 chemin de la Val Priout  
31450 AYGUESVIVES  
FRANCE