

Aivee

Classic hub

User manual



INTRODUCTION

At the cutting edge of progress, the Aivee equipment line relies on our research and development office supervised by a team of enthusiasts, always attentive to user needs. Thus, the Aivee signature is a guarantee of quality on all roads, tracks and paths.

Aivee is a unifying brand, which is based on three fundamentals: emotion, innovation and accessibility. Our challenge is there, to encourage emotion and provide pleasure to as many people as possible: athletes, enthusiasts. Our desire is uncompromising, to make a high-end brand accessible, products available through an affordable offer, and allow you to be bold!

PRESENTATION

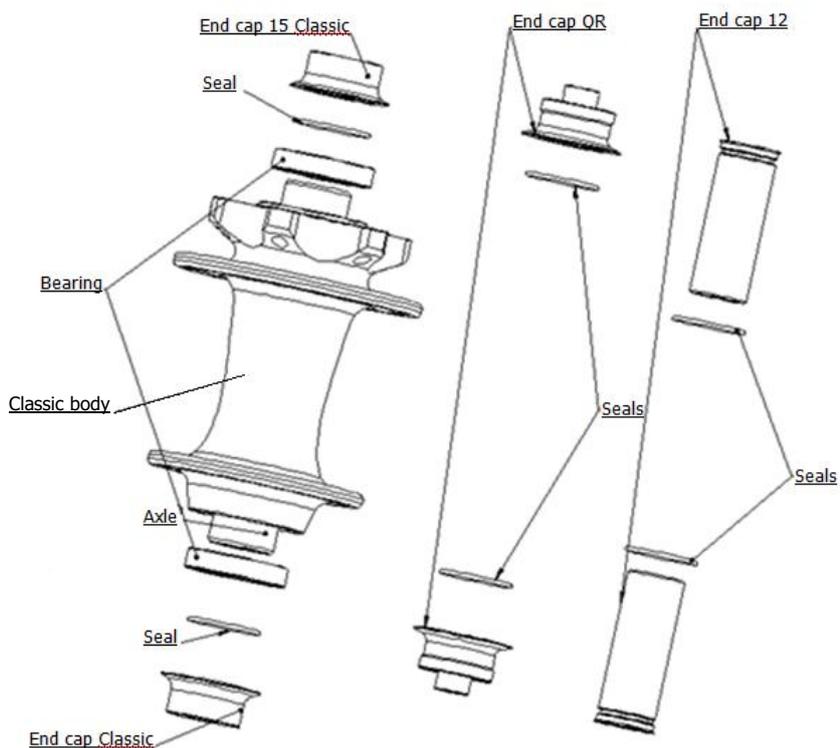
Classic hubs have been designed with a simple aim: to offer a hub that adapts to all practices while being in line with AIVEE products. This means continuing to improve the life, rigidity and geometry of the hubs, always keeping a reasonable weight. To do this, Classic hubs are fitted with 2RS sealed bearings and are lubricated with a grease specially developed for our hubs. The use of flanged end caps also increases the tightness of the system. The rear hubs have been designed to have 27 engagement points, thanks to 3 pawls. Rigidity is ensured by means of large diameter and thick flanges. Finally, the geometry has been carefully studied to offer the least amount of stress in the spokes and in the hub. The Classic range is a range of hubs made for enthusiasts who are looking for a reliable material guaranteeing the best geometry in a competitive weight / cost ratio.

MOUNTING

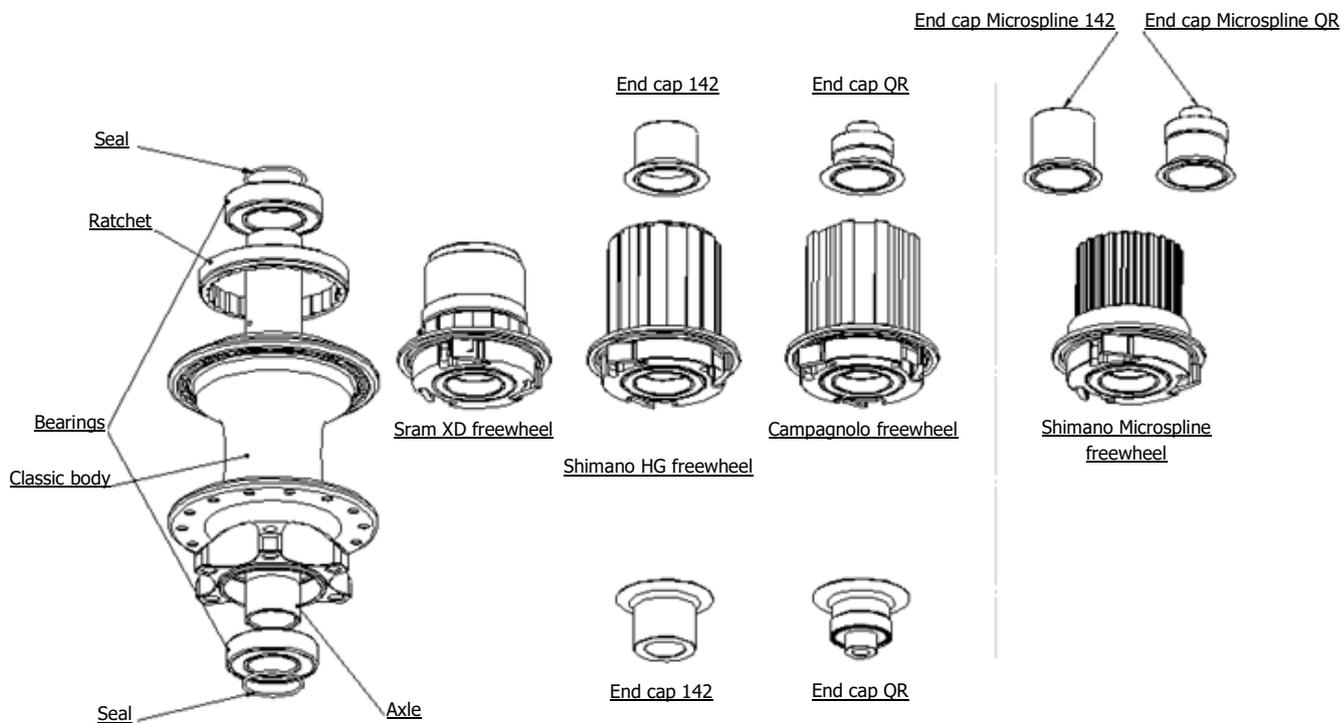
To further the idea of versatility, Classic hubs are available in 24, 28 and 32 holes. Radial mounting is strictly prohibited on the hubs of the Classic range, both on the front hubs and the rear hubs. A minimum crossover assembly of 2 is recommended. Aivee cannot be held responsible for any assembly that does not comply with the recommendations in this manual.

Spoke tension must not exceed 1200 N. Classic rear hubs are designed for use with a spider cassette.

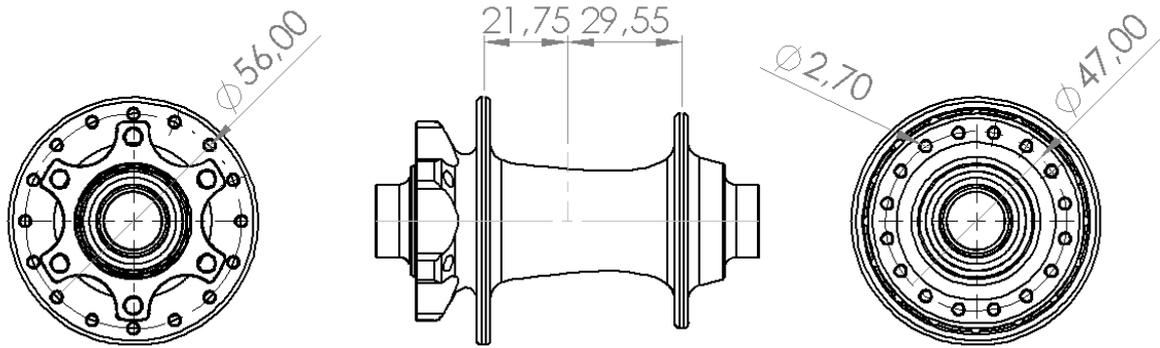
Classic FRONT



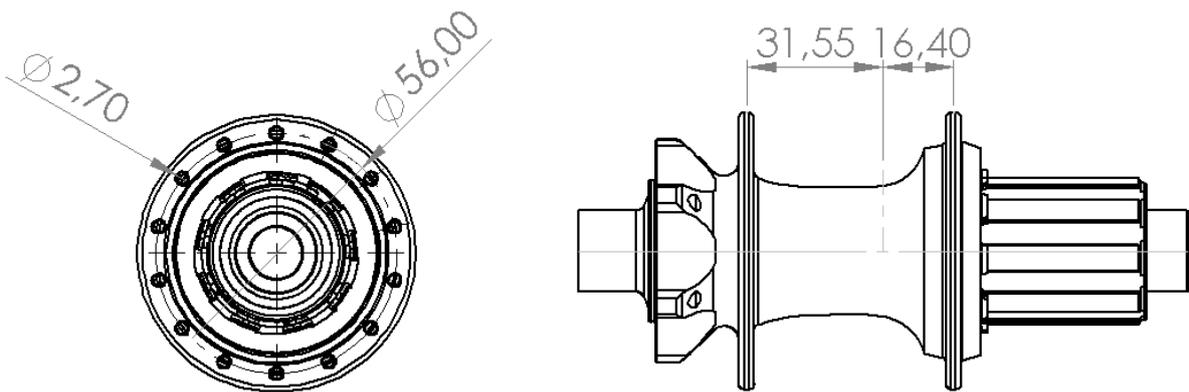
Classic REAR



Classic : GEOMETRY AND WEIGHT

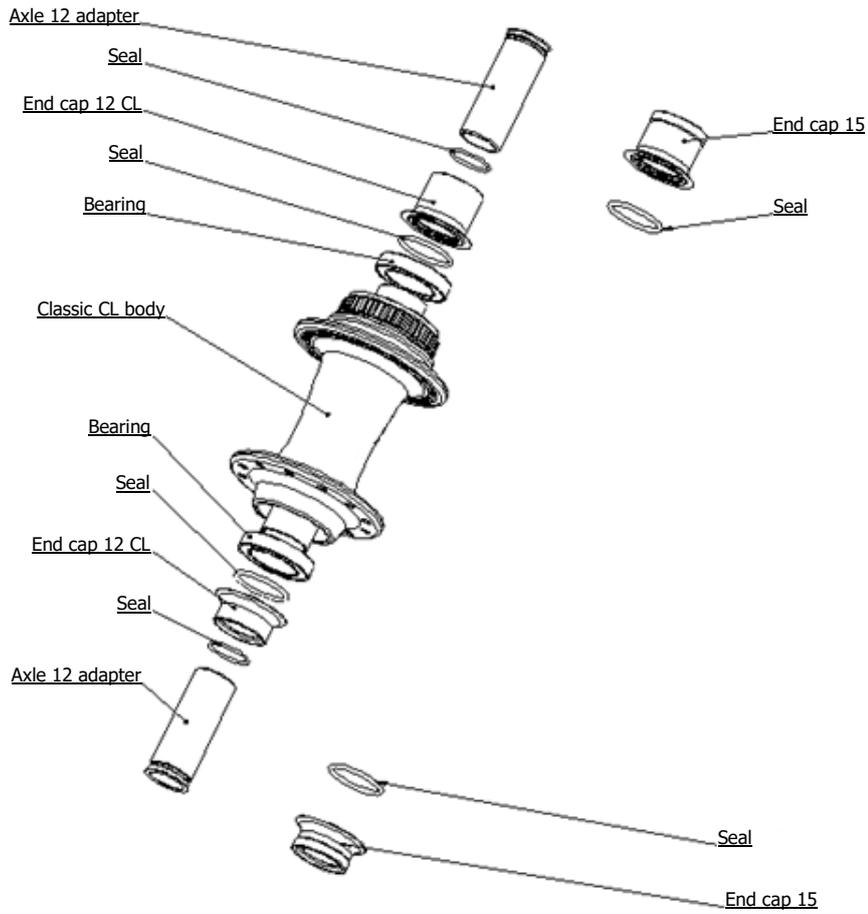


Weight :
127 g

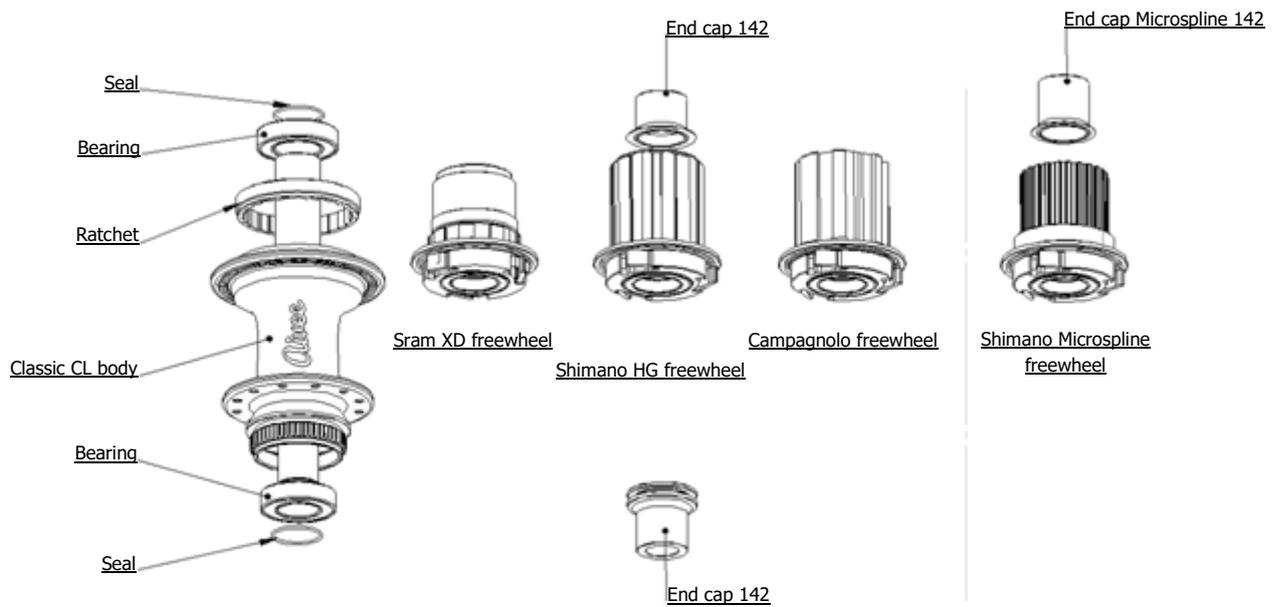


Weight :
268 g

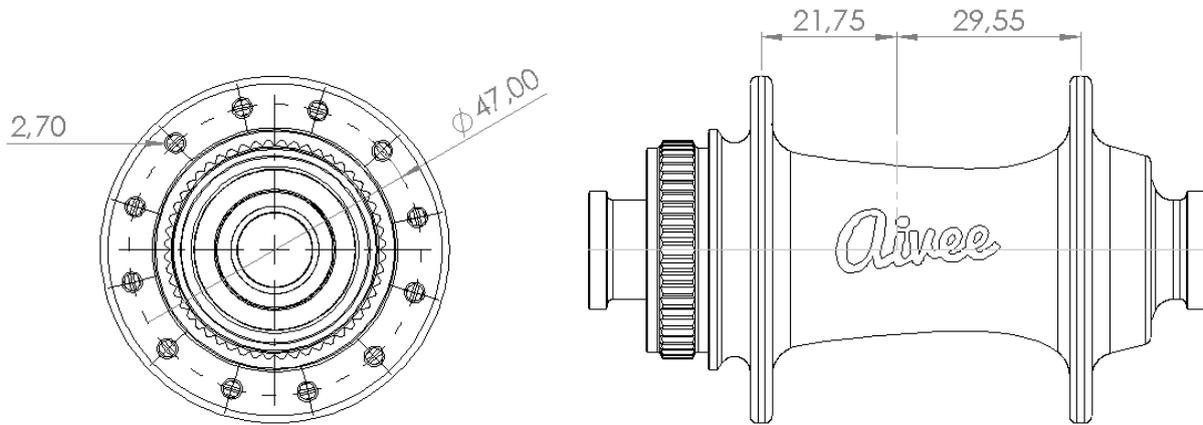
Classic FRONT CENTERLOCK



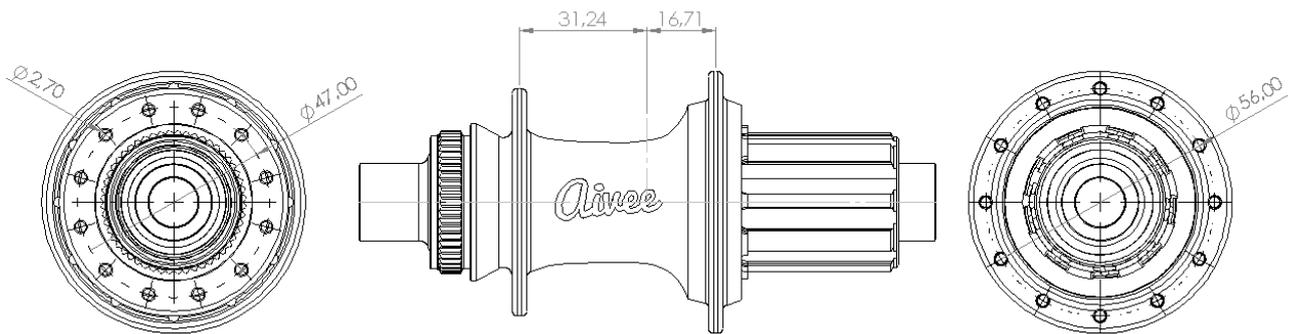
Classic REAR CENTERLOCK



Classic CENTERLOCK : GEOMETRY AND WEIGHT

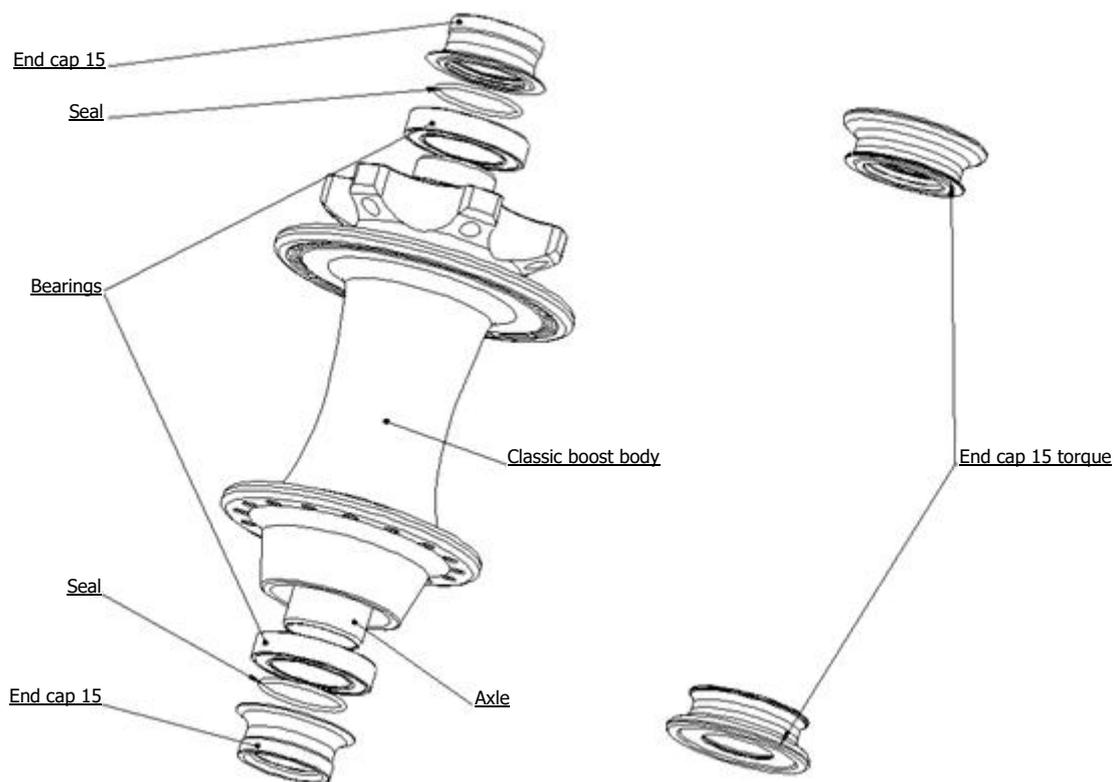


Weight :
119 g

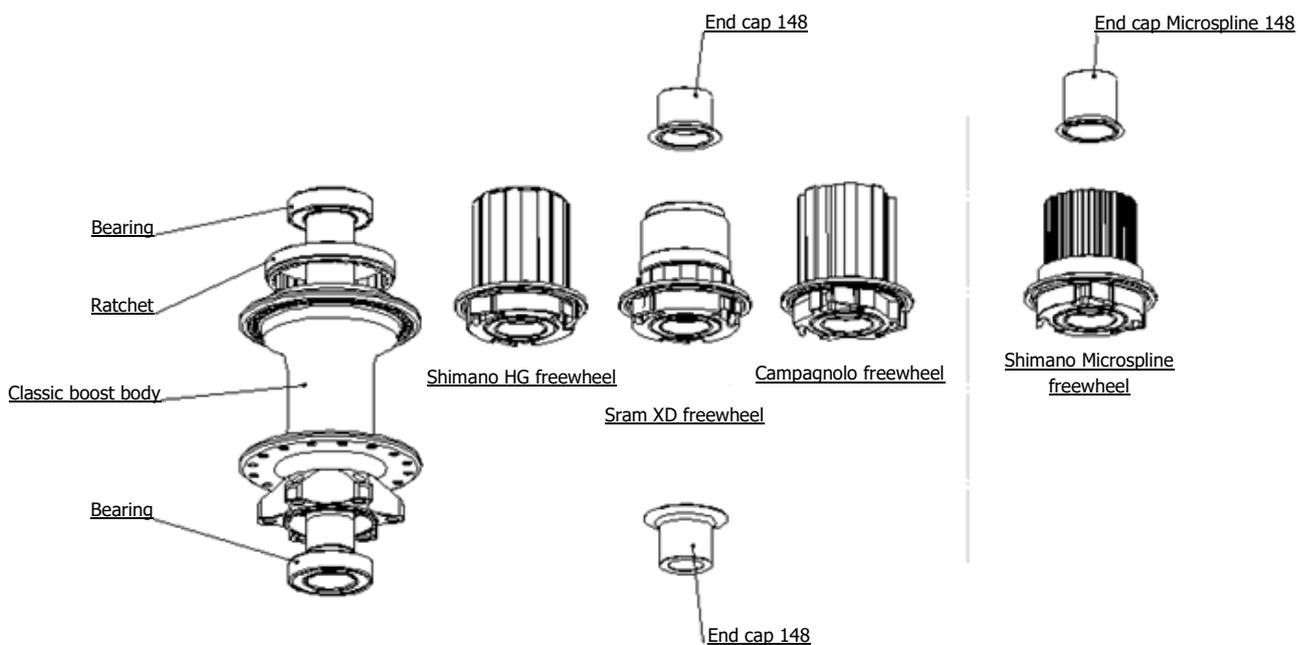


Weight :
261 g

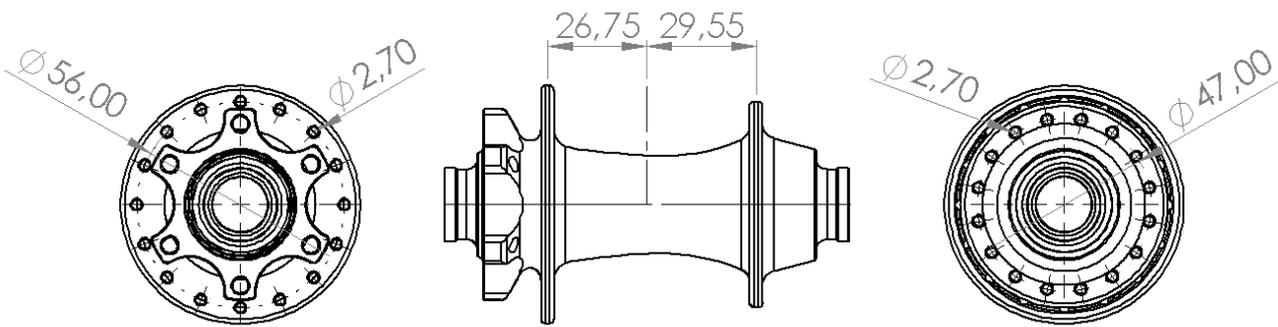
Classic FRONT BOOST



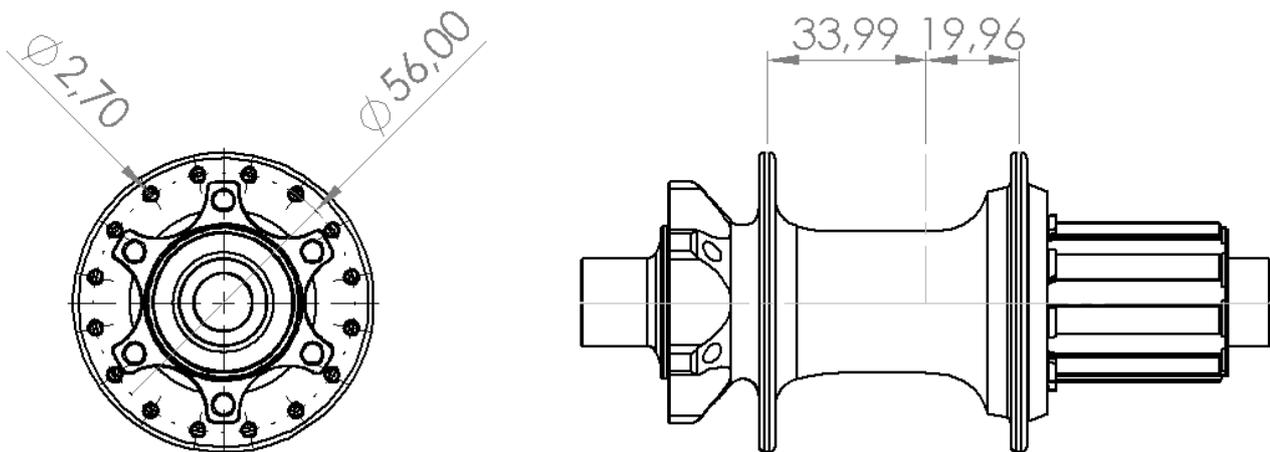
Classic REAR BOOST



Classic BOOST : GEOMETRY AND WEIGHT

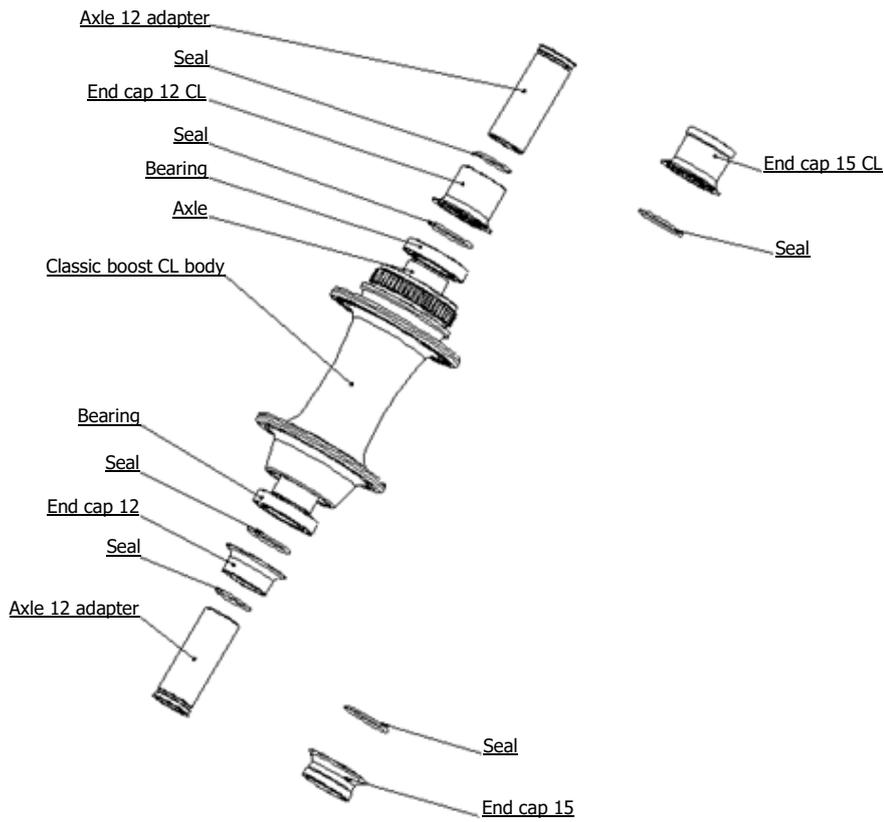


Weight:
127 g

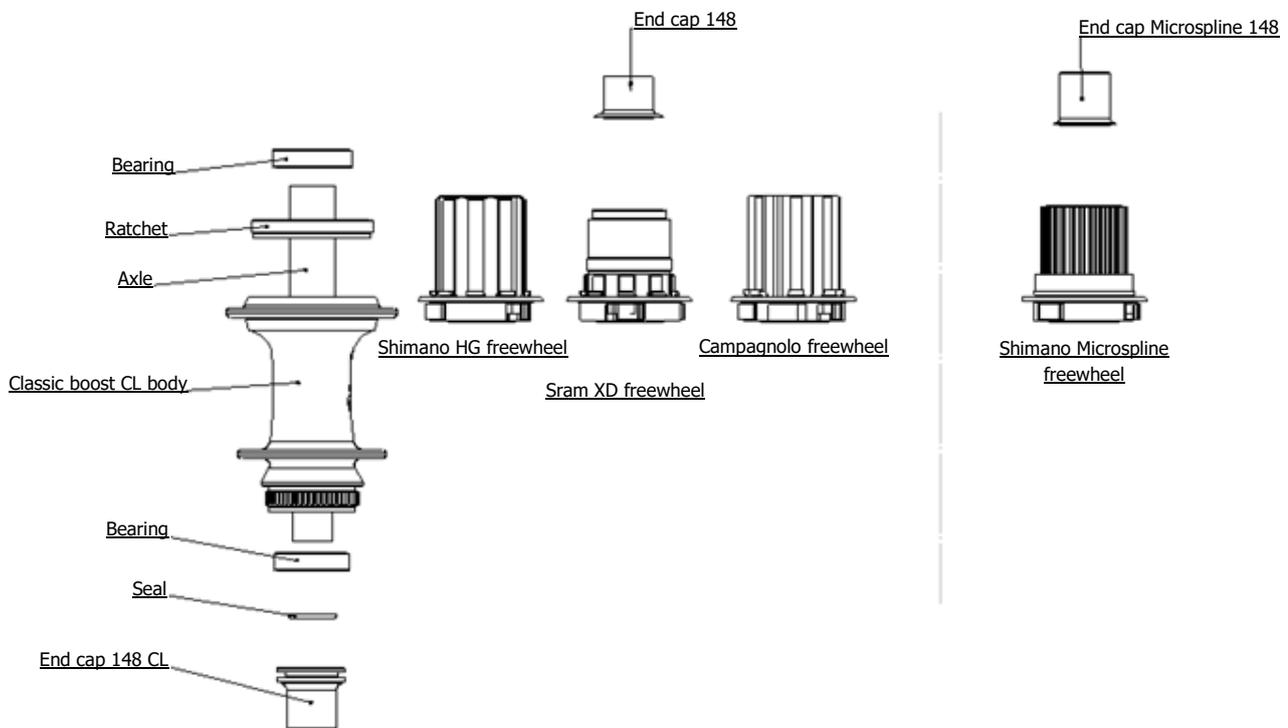


Weight:
305 g

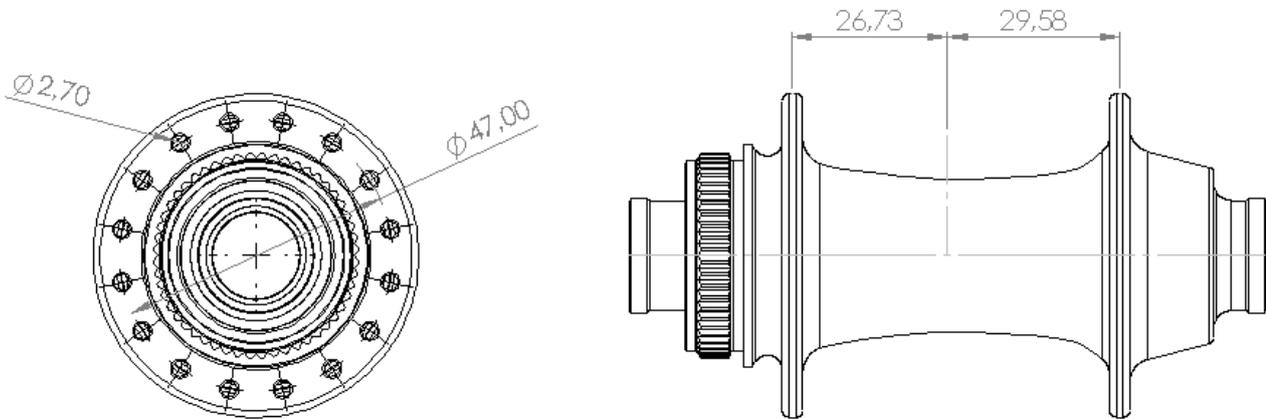
Classic FRONT BOOST CENTERLOCK



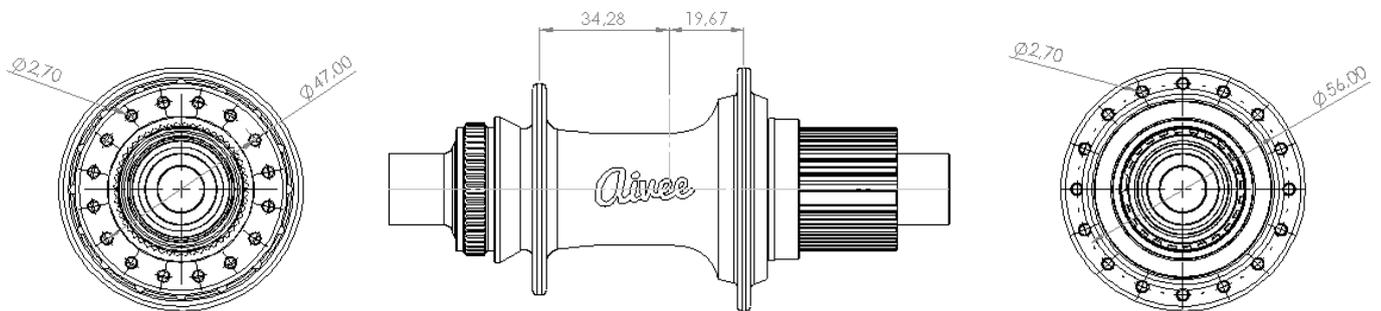
Classic REAR BOOST CENTERLOCK



Classic BOOST CENTERLOCK : GEOMETRY AND WEIGHT



Weight:
130 g



Weight:
250 g

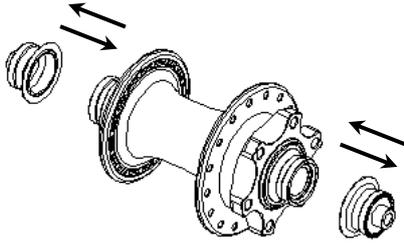
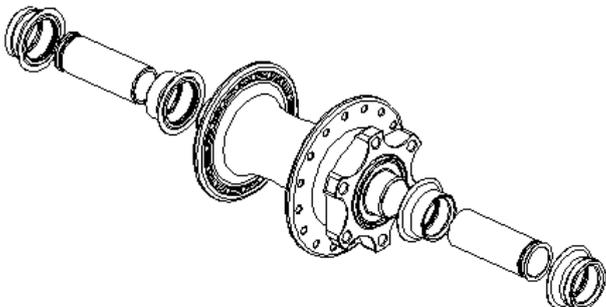
CONVERSION

Classic hubs are compatible with 15mm axles with the original end caps, then with adapters, they are compatible with 9mm and 12mm axles with the QR adapters for the front hub, and with 10mm axles (QR) and 12mm x 142 for the rear hub. The conversion between these different standards has been designed to be as easy as possible using bits of different sizes.

Note :

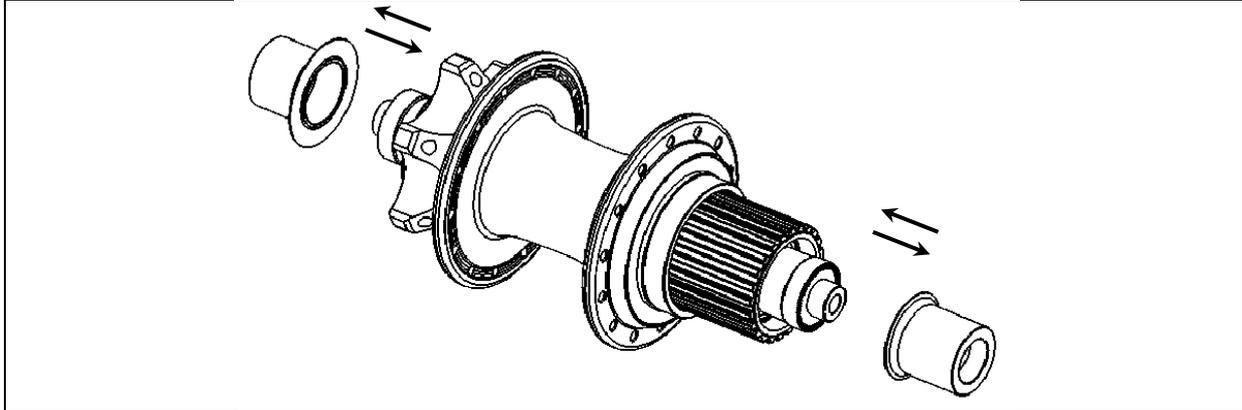
- The rear hubs are compatible with XD and Microspline standards using a specific freehub body kit. It is possible to change the standard by purchasing the appropriate kit.

Front hub

<p>Compatibility conversion from 15mm to 9mm :</p> <ul style="list-style-type: none"> - Replace end caps 15 with QR end caps 	<p>Compatibility conversion from 9mm to 15mm :</p> <ul style="list-style-type: none"> - Replace end caps 15 with QR end caps
	
<p>Compatibility conversion from 15mm to 12mm :</p> <ul style="list-style-type: none"> - Remove the end caps 15 - Position the end caps 12 - Insert the 12 adapters inside 	<p>Compatibility conversion from 12mm to 15mm :</p> <ul style="list-style-type: none"> - Remove the 12 adapters - Remove the end caps 12 - Insert the end caps 15
	

Rear hub

- a) Remove the end cap mounted on the hub (QR or 12x142). Do not hesitate to pull hard on the tip to remove it, this is due to the O-ring that holds the tip in position.
- b) Insert the other end caps against the bearings .



MAINTENANCE

Classic hubs are built to last. With a minimum of maintenance, they will perform even better. Do not hesitate to clean them when you accumulate muddy outlets or when you think they are dirty.

Front hub

To clean the front hub, all you have to do is remove the end caps. Next, remove mud and dust that may interfere with the operation of the bearings. Reassemble the assembly by lightly greasing the elements.

Rear hub

To clean the rear hub, remove the end cap from the cassette side. Remove the cassette body by pulling it out. Then clean the ring gear as well as the pawls if necessary. Lubricate the assembly with oil (oil viscosity greater than 150 cSt) and reassemble the cassette body by turning it counterclockwise so that the pawls enter the hub body. Then replace the appropriate end caps.



SAFETY WARNING

This user manual contains important and useful information regarding the installation, operation and maintenance. Please read it carefully and follow the instruction of installation as detailed in this user guide.

If you have any doubt regarding your ability in installing, please consult your AIVEE dealer and seek the assistance of a professional bicycle mechanic.

Incorrect installation or use may impair performance and could result in a dangerous situation leading to serious injury or death. Components that have experienced excessive wear, deformation, impacts or any other damage, need immediate professional inspection and replacement by a new AIVEE component.

MAINTENANCE

Do not clean your hub with a high-pressure cleaner, this could cause water infiltration and the damaging of some components.

Inspect your AIVEE product before each ride check the dent and its looseness.

Parts after fall or crash should be inspected by professional bicycle mechanic.

WARNING

Continuing to use damaged parts may lead to loss of control and could cause serious injury or death.

Cyclists should inspect their bicycle and parts regularly. He should check bolts and other fasteners periodically for tightness, in order to determine the need for service and to detect any damage that may have occurred from normal use.

For more information, please contact us.

Aivee

Aivee S.A.S

Les Quatre Chemins de l'Oie BP 16-85140 Sainte Florence France

Phone: (33) 2 51 66 10 29 - fax: (33) 2 51 66 08 01

E-mail: contact@Aivee.fr Web: www.Aivee.fr