PART 1 - GENERAL ORGANISATION OF CYCLING AS A SPORT

Rules amendments applying on 01.01.2023

Chapter III EQUIPMENT

(sections 1 and 2 introduced on 01.01.00)

Section 2: bicycles

§ 2 Technical specifications

1.3.013 The ~~peak~~ tip of the saddle shall be a minimum of 50 mm to the rear of a vertical plane passing through the bottom bracket spindle.

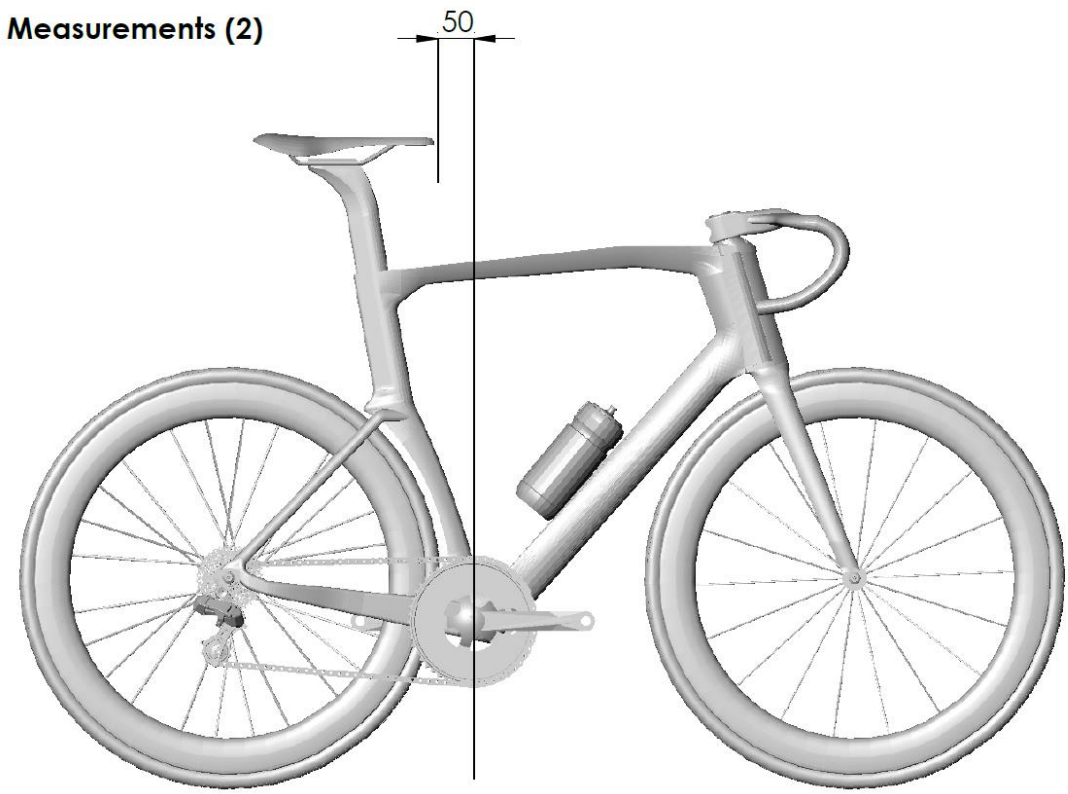
The ~~peak~~ tip of the saddle can be moved forward until the vertical line passing through the bottom bracket spindle where necessary ~~for morphological reasons~~ as a part of an exemption. ~~By morphological reasons should be understood everything to do with the size and limb length of the rider.~~

Any rider who, for these reasons, considers th~~ate~~ ~~he~~ need~~s~~ to use a bicycle of lesser dimensions than those given shall inform the commissaires' panel to that effect at the time of the bike check.

Only one (1) of the following two (2) exemption~~s~~ ~~for morphological reasons~~ can be requested by the rider and thereafter granted;

1. Either the ~~peak~~ tip of the saddle can be moved forward to a ~~value~~ distance equal to or less than 50 mm.

2. ~~Or t~~The fixed time trial extension~~s~~ handlebar can be adapted ~~moved forward~~, in accordance with the rider height categories defined in Article 1.3.023.



(text modified on 01.10.10; 01.02.12; 01.10.12; 23.10.19; 01.01.23)

d) Structure

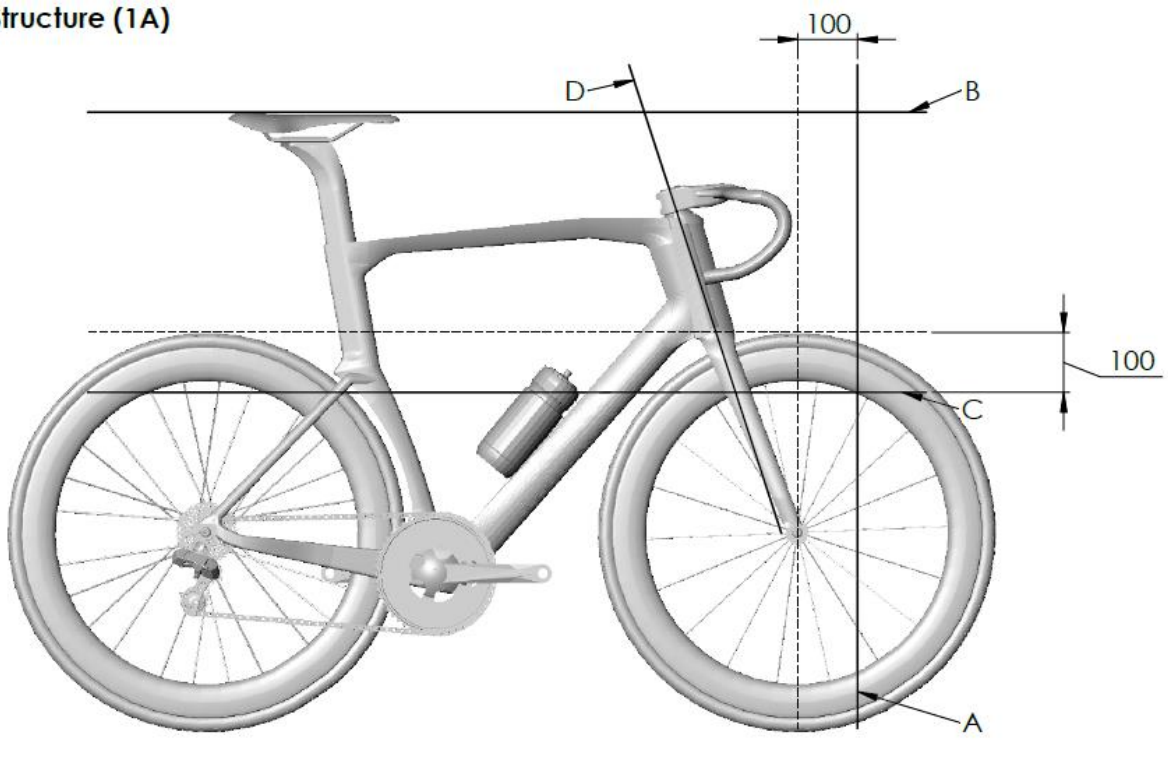
1.3.022 In competitions other than those covered by article 1.3.023, only the traditional type of handlebars (see diagram «structure 1A») may be used. The handlebars must be positioned in an area defined as follows: above, by the horizontal plane of the point of support of the saddle (B); below, by the horizontal ~~line~~ plane passing 100 mm below the highest point of the two wheels (these being of equal diameter) (C); at the rear by the axis of the steerer tube (D) and at the front by a vertical ~~line~~ plane passing ~~through~~ at horizontal distance of 100 mm from the axis of the front wheel spindle ~~with a 5 cm tolerance~~ (see diagram «Structure (1A)»). ~~The distance referred to in point (A) is not applicable to the bicycle of a rider who takes part in a sprint event on track (flying 200 m, flying lap, sprint, team sprint, keirin, 500 metres and 1 kilometre), but must not exceed 10 cm in relation to the vertical line passing through the front wheel spindle.~~

In addition, all handlebars must conform to the following:

- The maximum dimension of the cross section of the handlebars is 80 mm
- The maximum dimension of the cross section of the stem is 80 mm
- The minimum dimension of the cross section of all fork accessory is 10 mm
- Two isosceles compensation triangles with two 40 mm sides are authorised at the joints between the stem and the handlebars.

The brake controls attached to the handlebars shall consist of two supports with levers. It must be possible to operate the brakes by pulling on the levers with the hands on the lever supports. Any extension to or reconfiguration of the supports to enable an alternative use is prohibited. A combined system of brake and gear controls is authorised.

Structure (1A)



(text modified on 01.01.05; 01.02.12; 01.11.14; 01.01.23)

1.3.023 For road time trials and for individual pursuit, team pursuit and Kilometre/500m time trial on the track, a fixed ~~additional~~ time trial extension handlebar (consisting of 2 extensions with sections for each hand to hold and two ~~elbowrests~~ forearm supports) may be added or integrated to either the traditional handlebar or the base bar steering system (see diagram «Structure (1B)»). ~~If both sections are joined by part, the dimensional limit of this part is increased to 1.5 times the value on the horizontal axis, for a maximum of 6cm.~~

The traditional type of handlebars or the base bar must be positioned in the area defined in article 1.3.022 (A, B, C, D).

The default horizontal distance between ~~the~~ vertical planes ~~line~~ passing through the bottom bracket axle and the extremity of the fixed time trial extension handlebar, including controls or fixed levers, may not exceed 750 mm~~, with the other limits set in article 1.3.022 (B, C, D) remaining unchanged~~.

The default height difference between the midpoint of the forearm support and the highest or lowest point of the extension (including accessory) must be less than 100 mm.

~~For road time trial competitions, controls or levers fixed to the handlebar extensions may not extend beyond the 75 cm limit.~~

For the track and road competitions covered by the first paragraph, the default distance of 750 mm may be increased to 850 mm ~~to the extent that this is required for morphological reasons; «morphological reasons» should be taken as meaning anything regarding the size or length of the rider's body parts~~ as a part of an exemption based on three (3) rider height categories mentioned below.

Category 1: Less than 180.0 cm tall

For riders less than 180.0 cm tall, the horizontal distance between the vertical planes passing through the bottom bracket axle and the extremity of the fixed time trial extension handlebar, including all accessories, may be a maximum of 800 mm.

The height difference between the midpoint of the forearm support and the highest or lowest point of the extension (including accessory) must be less than 100 mm.

Category 2: Between 180.0 cm and 189.9 cm tall

For riders between 180.0 cm and 189.9 cm tall, the horizontal distance between the vertical planes passing through the bottom bracket axle and the extremity of the fixed time trial extension handlebar, including all accessories, may be a maximum of 830 mm.

The height difference between the midpoint of the forearm support and the highest or lowest point of the extension (including accessory) must be less than 120 mm.

Riders in Category 2 must submit a rider height attestation application form available from the UCI website.

Category 3: 190.0 cm and taller

For riders 190.0 cm and taller, the horizontal distance between the vertical ~~lines~~ planes passing through the bottom bracket axle and the extremity of the fixed time trial extension handlebar, including all accessories, may be ~~extended to~~ a maximum of 850 mm.

The height difference between the midpoint of the forearm support and the highest or lowest point of the extension (including accessory) must be less than 140 mm.

Riders in Category 3 must submit a rider height attestation application form available from the UCI website.

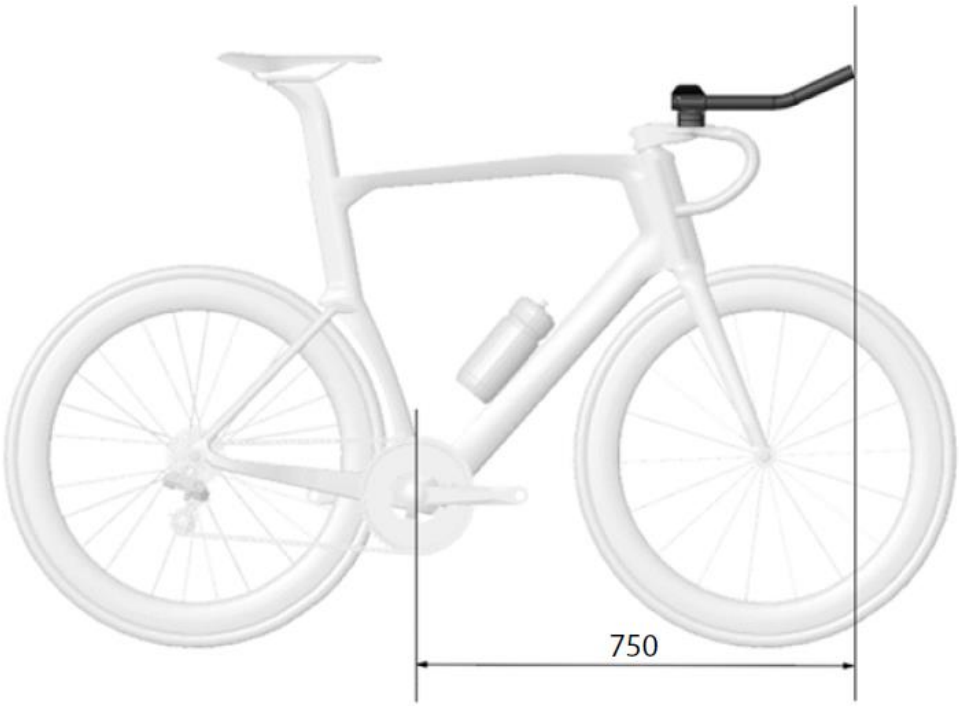
A rider who ~~considers that he needs to make use of a distance between 75 and 80 cm~~ makes use of a rider height category exemption, must inform the commissaires' panel at the time of the bike check. For clarity, the default distances mentioned above will be applied by the commissaires panel if the respective height category exemption is not communicated by the rider.

~~Only one exemption for morphological reasons may be requested; either the handlebar extension can be moved forward or the peak of the saddle can be moved forward, in accordance with Article 1.3.013~~.

In addition, all fixed time trial extension handlebars and ~~elbow rest assemblies~~ forearm supports must conform to the following :

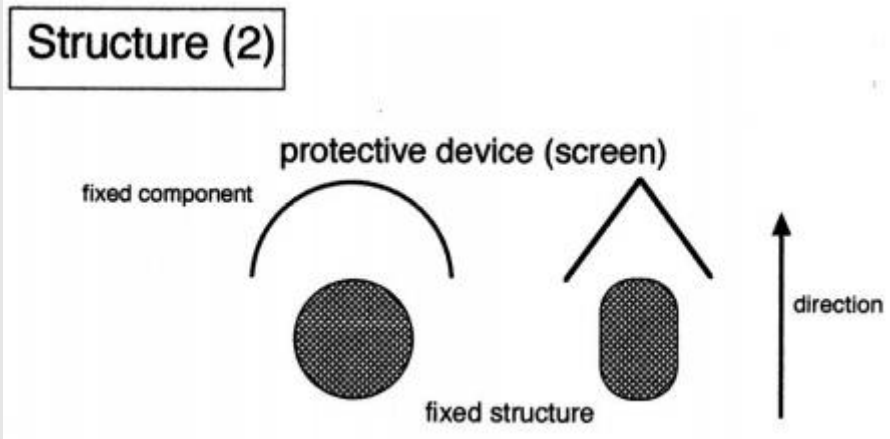
- ~~Elbow rests~~ Forearm supports must be made up of two parts (one part for each forearm) and are only allowed if extensions are added ;
- The maximum width of each ~~elbow rest~~ forearm support is 125 mm ;
- The maximum length of each ~~elbow rest~~ forearm support is 125 mm ;
- The minimum length of each forearm support is 60 mm ;
- The maximum height of each forearm support is 85 mm ;
- The maximum inclination of each ~~elbow rest~~ forearm support (measured on the support surface of the arm) is 15 degrees ;
- The maximum dimension of the cross section of each extension is ~~4cm~~ 50 mm ;
- If both sections of the fixed time trial extension handlebar are joined by part, the ~~dimensional limit~~ maximum dimension of the cross section ~~of this part~~ permitted is ~~increased to 1.5 times the value on the horizontal axis, for a maximum of 6cm~~ 80 mm ;
- ~~The height difference between the elbow support point (midpoint of the elbowrest) and the highest or lowest point of the extension (including accessory) must be less than 10cm.~~
- The maximum dimension of the cross section of each mounting accessory is 80 mm;
- For integrated equipment, an isosceles compensation triangle of 40 mm sides is authorised at the joint between each extension and the mounting accessory.
- Two isosceles compensation triangles of 40 mm sides are authorised at the joints between the stem and the base bar;
- The maximum dimension of the cross section of the base bar is 80 mm;
- The minimum dimension of the cross section of all fork accessory is 10 mm;
- The maximum dimension of the cross section of the stem is 80 mm;

Structure (1B)

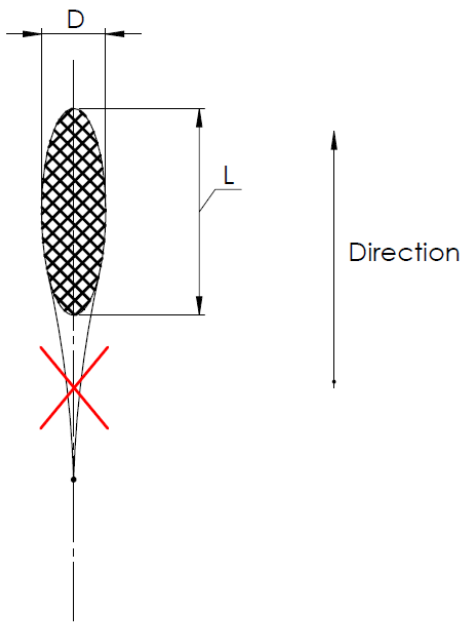


(text modified on 07.06.00; 01.01.05; 01.04.07; 01.01.09; 01.02.12; 01.10.12; 29.04.14; 15.10.18; 25.06.19; 01.01.23)

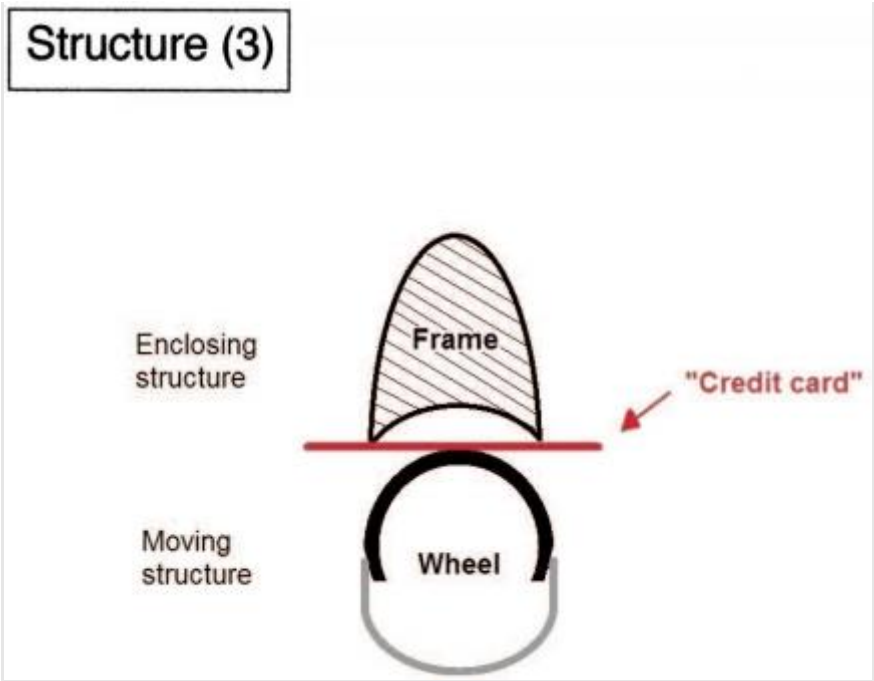
1.3.024 Any device, added or blended into the structure, that is destined to decrease, or which has the effect of decreasing, resistance to air penetration or artificially to accelerate propulsion, such as a protective screen, fuselage form fairing or the like, shall be prohibited.



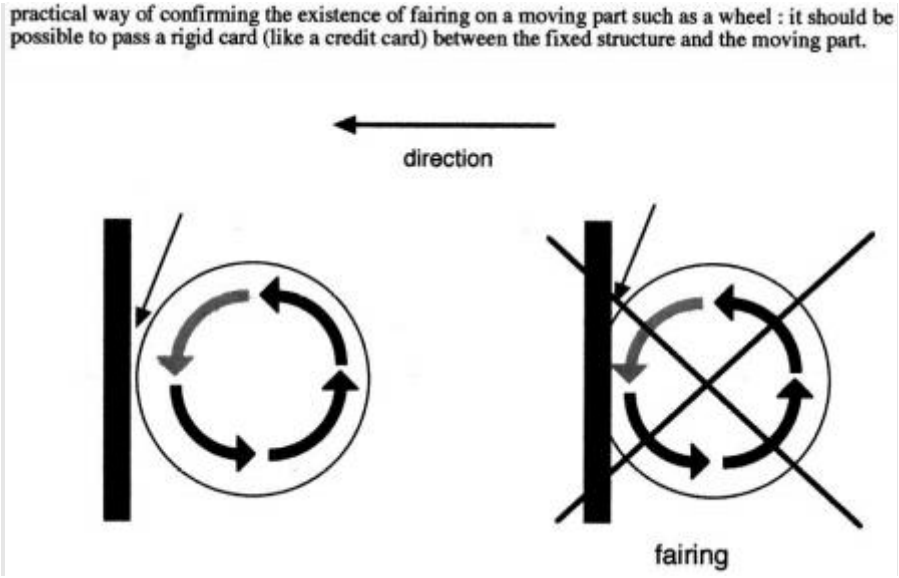
A protective screen shall be defined as a fixed component that serves as a windscreen or windbreak designed to protect another fixed element of the bicycle in order to reduce its wind resistance.



A fuselage form shall be defined as an extension or streamlining of a section. This shall be tolerated as long as the ratio between the length L and the diameter D does not exceed established dimensional requirements as defined in articles 1.3.020 (framesets), 1.3.022 and 1.3.023 (handlebars, base bars and fixed time trial extension) ~~3~~. ~~This rule does not apply to frame and fork of the bicycle.~~



practical way of confirming the existence of fairing on a moving part such as a wheel : it should be possible to pass a rigid card (like a credit card) between the fixed structure and the moving part.



A fairing shall be defined as the use or adaptation of a component of the bicycle in such a fashion that it encloses a moving part of the bicycle such as the wheels or the chainset. Therefore, it should be possible to pass a rigid card (like a credit card) between the fixed structure and the moving part.

(text modified on 01.01.17; 01.01.23)

Section 3: riders' clothing

§ 1 General provisions

1.3.031

1. Wearing a rigid safety helmet shall be mandatory during competitions and official training sessions in the following disciplines in all disciplines except indoor cycling and BMX Freestyle Flatland ~~: track, mountain bike, cyclo-cross, trials and BMX Racing, BMX Freestyle, para-cycling, as well as during cycling for all events~~.

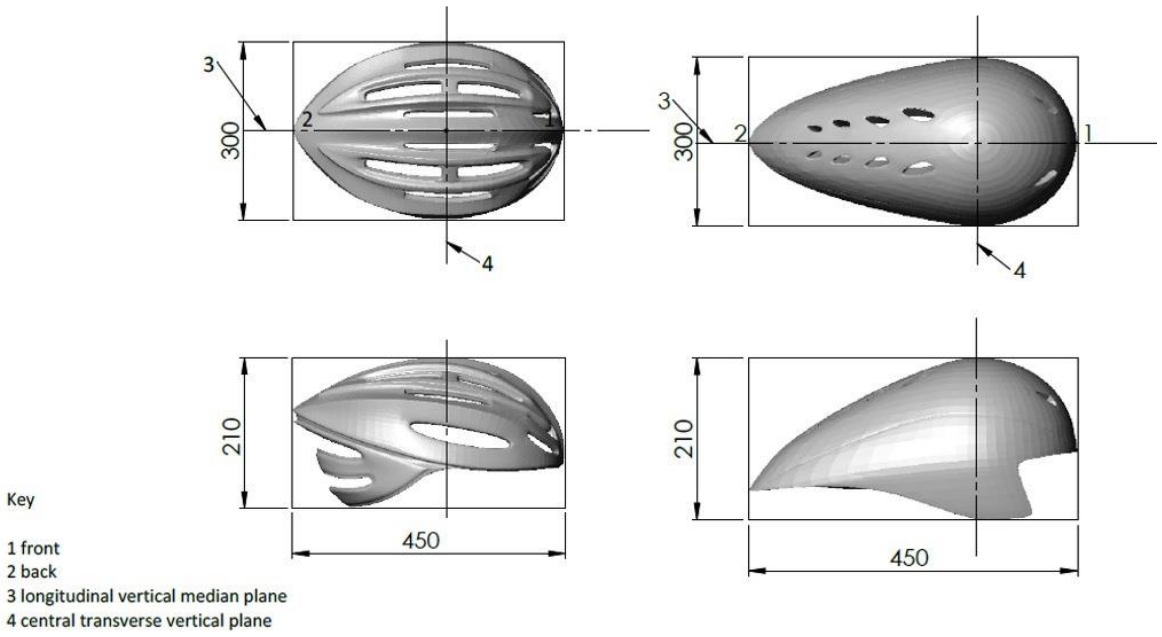
2. ~~During competitions on the road, a rigid safety helmet shall be worn.~~

In all disciplines concerned ~~During training on the road, the~~ wearing ~~of~~ a rigid safety helmet is recommended outside of competitions and official training sessions. In any case, legal provisions must be complied with. ~~However, riders must always comply with the legal provisions in this regard.~~

3. Each rider shall be responsible for:
   - ensuring that the helmet is approved in compliance with an official security standard and that the helmet can be identified as approved;
   - wearing the helmet in accordance with the security regulations in order to ensure full protection, including but not limited to a correct

adjustment on the head as well as a correct adjustment of the chin strap;
- avoiding any manipulation which could compromise the protective characteristics of the helmet and not wearing a helmet which has been undergone manipulation or an incident which might have compromised its protective characteristics;
- using only an approved helmet that has not suffered any accident or shock;
- using only a helmet that has not been altered or had any element added or removed in terms of design or form;
- using only accessories approved by the helmet manufacturer.

4. For road and track disciplines, the dimensions of the helmet (including accessories) must not exceed the below dimensions:
- Length (L) can be less or equal to 450 mm ;
- Width (W) can be less or equal to 300 mm ;
- Height (H) can be less or equal to 210 mm ;



Key

1 front
2 back
3 longitudinal vertical median plane
4 central transverse vertical plane

(text modified on 05.05.03; 01.01.04; 01.08.04; 01.01.05; 01.02.07; 01.07.11; 01.01.15; 01.01.17; 27.03.17; 01.01.23)