

AURA SLA

FRAME PASSPORT

TYPE: 7E1
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0. UPDATES

The development of frames, forks and components is a continuous running process. Therefore we strongly advise before reading this information sheet check our website for new updates.

1. GENERAL

1.1. DESCRIPTION

Lighter is better right? Yes and no. Yes, it is better if it can transfer your power efficiently to the road. No, if all that effort you put into moving the bike forward simply goes up in flexing the frame back and forth. The Aura range is a non-compromising solution for the rider who demands the lightest weight from his bicycle yet still wants the bike to stay stiff and resilient under his feet. The Aura, and especially the SLX (which weighs less than 750 grams for size M), is still stiff enough to take all the stomping our sprinting ace, André Greipel, has to offer, yet light enough to float over the highest mountain passes with ease.

1.2. PART CODES

All the Aura SLA frames have a particular part code composed by the letters "FRAHSARID...", added by 3 numbers. The three numbers change depending on the design and size of the frame. Due to the big amount of frames we don't list all the numbers but you can contact your local dealer for more information if needed.

2. MATERIAL

The Aura SLA is made of high quality 6061 tripple butted heat-treated aluminum.

3. WEIGHT

3.1. FRAME

| size | weight (*) |
|------|------------|
| XXXS | 1020 grams |
| XXS | 1060 grams |
| XS | 1100 grams |
| S | 1140 grams |
| M | 1180 grams |
| L | 1220 grams |
| XL | 1270 grams |

(*) Weight of painted frame, real weight may differ from the weight mentioned above by 10 %.

3.2. FORK

The weight of the 4ZA Aura SLA fork is around 360 g (*).

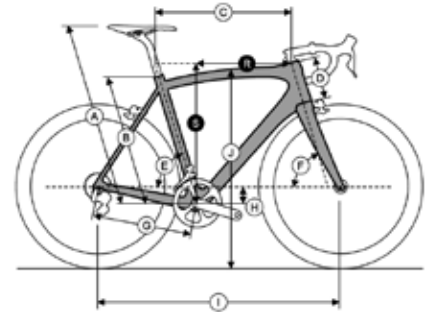
(*) Weight of painted fork, real weight may differ from the weight mentioned above by 10 %.



4. GEOMETRY

| SIZE | A | B | C | D | E | F | G | H | I | J* | S | R |
|------|-----|-----|-----|-----|------|------|-----|----|------|-----|-----|-----|
| XXXS | 685 | 390 | 500 | 107 | 75.5 | 70.0 | 405 | 67 | 976 | 708 | 500 | 371 |
| XXS | 745 | 450 | 515 | 107 | 75.0 | 71.8 | 405 | 68 | 970 | 726 | 507 | 379 |
| XS | 775 | 480 | 525 | 127 | 74.0 | 72.0 | 405 | 68 | 970 | 751 | 527 | 374 |
| S | 805 | 510 | 545 | 142 | 73.5 | 73.0 | 405 | 66 | 977 | 774 | 573 | 384 |
| M | 835 | 540 | 565 | 172 | 73.0 | 73.5 | 405 | 66 | 987 | 804 | 573 | 390 |
| L | 865 | 570 | 585 | 202 | 72.5 | 73.5 | 405 | 63 | 1005 | 834 | 599 | 396 |
| XL | 895 | 600 | 600 | 227 | 72.5 | 74 | 408 | 63 | 1014 | 861 | 625 | 403 |

(*) J: Stand over height



5. CABLE ROUTING

5.1. COMPATIBILITY

The Aura SLA is compatible for mechanical group sets only.

5.2. MECHANICAL CABLE ROUTING

Below you can see the cable routing parts of the Aura SLA.

| PART | PART CODE | LOCATION |
|-------------------------|--------------|-----------------|
| END CAP WITH LINER | CABSTIJAG037 | HEAD TUBE RIGHT |
| END CAP WITH LINER | CABSTIJAG037 | HEAD TUBE LEFT |
| RAIN AND DIRT PROTECTOR | CABSTIJAG038 | SEAT TUBE |
| RAIN AND DIRT PROTECTOR | CABSTIJAG038 | CHAINSTAY |
| END CAP WITH LINER | CABSTIJAG035 | CHAINSTAY |
| RIDLEY BB CABLE GUIDE | CBGRCERID002 | BOTTOM BRACKET |

6. PARTS

6.1. FORK

The standard fork, used for a Aura SLA, is the 4ZA Aura SLA fork.

6.1.1. MATERIAL

Fork legs: Carbon

Steerer tube: Carbon

6.1.2. DIMENSIONS

Steerer tube length: 300 mm

Headset: 1 1/8" upper ring – 1 1/4" lower ring (1 1/8" - 1 1/2" in early 2017 models)

Fork rake: 45 mm

OLD (OverLock nut Distance): 100 mm

6.1.3. PART CODES

All the 4ZA Aura SLA forks have a particular part code composed by the letters "FORCFR4ZA...", added by 3 numbers. The three numbers, depending on the design. Due to the big amount of forks we don't list all the numbers but you can contact your local dealer for more information if needed.

6.2. HEADSET

45° Semi oversized angular contact bearing(S.H.I.S.: IS42/28,6|IS47/33):

Lower bearing: 1 1/4"

Upper bearing: 1 1/8"

Recommended headset:

| RIDLEY PART CODE | TYPE | BRAND |
|------------------|----------|-------|
| HSERACFSA006 | NO.44/CF | FSA |

6.3. SEAT POST

The Aura SLA frame is developed to use a 27,2 mm seat post. To fix the seat post the 4ZA 31,8 mm (Part Code: SPCSNGNOB001) seat post clamp can be used.

6.4. BOTTOM BRACKET

The bottom bracket is BSA threaded and has a width of 68 mm to fit standard BSA68 cups.

6.5. BRAKES

The Aura SLA is suited for most standard brakes, available in the market.

6.6. DERAILLEUR

6.6.1. FRONT

The frame is designed to use a clamp on derailleur for a 31,8 mm seat tube. Also a braze on derailleur can be used if it's used together with the 4ZA 34,9 mm front derailleur clamp (Part code: FDCNOB4ZA003).

6.6.2. REAR

The hanger, used for the Aura SLA is the HANRCERID036.



7. WHEELS AND TIRES

7.1. FORK

The fork is developed for 700C race wheels with a build in width of 100 mm and a quick release system with a maximum diameter of 9 mm.

7.2. FRAME

The frame is developed for 700C race wheels with a build in width of 130 mm and a quick release system with a maximum diameter of 10 mm.

7.3. TIRES

We recommend a maximum tire width of 25 mm with a maximum rim width of 25 mm.

Please note that not all tire manufacturers use the same sizing standard so we recommend to do an assembly check and confirm clearances.

8. WARRANTY INFORMATION

8.1. MAXIMUM RIDER WEIGHT

The maximum advised rider weight is 110 kg.

#BeTOUGH