



ARENA 7005

FRAME PASSPORT

TYPE: 7DD
LAST UPDATE: 21/08/2015

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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

With the proven geometry of his famous brother, the Arena, this alloy Arena 7005 can be used on the track as well as on the road as a fixed-gear bike. Due to its aero shaped tubes and maximized power transfer, this Arena 7005 is faster than any other fixed-gear bike.

1.2. PART CODES

All the Arena 7005 frames have a particular part code composed by the letters "FRAAR7RID...", 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 Arena 7005 is made of high quality 7005 aluminum.

3. WEIGHT

3.1. FRAME

SIZE	WEIGHT (*)
XS	1560 GRAMS
S	1590 GRAMS
M	1630 GRAMS
L	1670 GRAMS
XL	1720 GRAMS

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

3.2. FORK

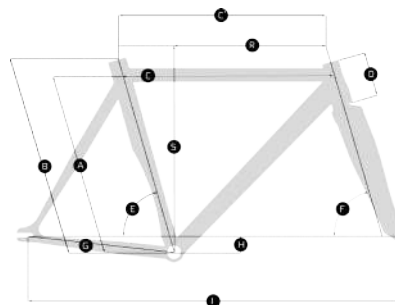
The weight of the 4ZA Arena 7005 fork is around 580 g (*)

(*) 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
XS	445	490	515	100	75,5	73,5	380	45	930	775	482	392
S	465	510	530	100	75	74	380	45	937	775	484	402
M	485	530	550	120	74,5	74	380	45	952	785	503	412
L	505	550	570	120	74,5	74	380	45	972	785	503	432
XL	525	570	590	140	75	74	380	45	997	805	522	452

(*) J: Stand over height



5. PARTS

5.1. FORK

The standard fork, used for an Arena 7005, is the 4ZA Arena 7005 fork.

5.1.1. MATERIAL

Fork legs: Carbon
Steerer tube: Alloy

5.1.2. DIMENSIONS

Steerer tube length: 300 mm
Headset: 1 1/8" upper ring – 1 1/2" lower ring
Fork rake: 30 mm
OLD (OverLock nut Distance): 100 mm

5.1.3. PART CODES

All the 4ZA Arena 7005 forks have a particular part code composed by the letters "FORAR74ZA...", 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.

5.2. HEADSET

45° Oversized angular contact bearing (S.H.I.S.: IS42/28,6|IS52/40):

Lower bearing: 1 1/2"


Upper bearing: 1 1/8"

Recommended headsets:

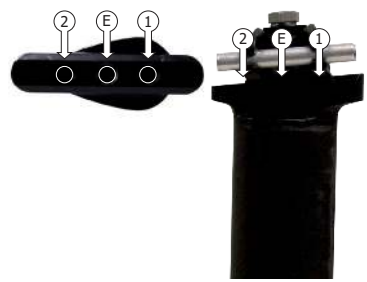
RIDLEY PART CODE	TYPE	BRAND
HSERACFSA004	NO.42/ACB	FSA
HSERACFSA005	NO.42/CFST/ACB	FSA

5.3. SEAT POST

The Arena 7005 is standard assembled with the Ridley aero race seat post (Part code: SEPAE-R4ZA005). However to have multiple seat angle positions also the Ridley aero TT seat post (Part code: SEPAER4ZA003) can be used. Using the Ridley aero TT seat post you can choose three different seat angle settings.



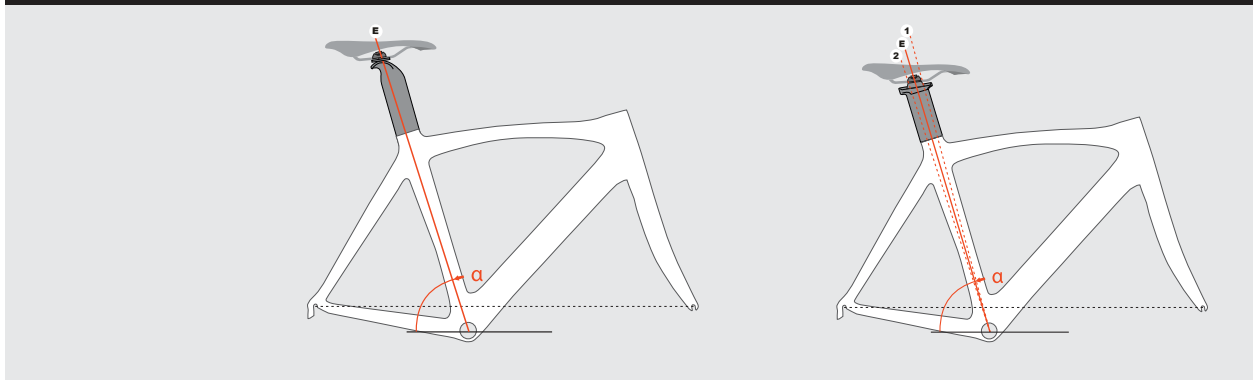
TT/TRI SEATPOST: SERAER4ZA003			
SIZE	E (SEAT TUBE ANGLE)	1 (FRONT)	2 (REAR)
XS	74	75,5	73
S	73,5	75	72,5
M	73	74,5	72
L	72,5	74	71,5
XL	72,5	74	71,5



PART CODE: SEPAER4ZA002

PART CODE: SEPAER4ZA003

AERO TT/TRI – RACE SEATPOST COMPARISON



* SEATANGLLES ARE GIVEN WITH THE SADDLE RAIL IN THE MIDDLE OF THE SEATCLAMP

5.3.1. SEAT POST CLAMP

To fix the aero seat post the SPCAER4ZA003 seat post clamp has to be used.

5.4. BOTTOM BRACKET

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

6. WHEELS

6.1. FORK

The fork is developed for 700C wheels with a build in width of 100 mm and an outer dimension of 114 mm. The hub axle of the wheel has to be M9 threaded and has to be fixed with M9 nuts. The minimum length for the hub axle depends on the thickness of the nuts but we recommend a minimum axle length of at least 145 mm.

6.2. FRAME

The frame is developed for 700C wheels with a build in width of 120 mm and an outer dimension of 137 mm. The hub axle of the wheel has to be M10 threaded and has to be fixed with M10 nuts. The minimum length for the hub axle depends on the thickness of the nuts but we recommend a minimum axle length of at least 165 mm.

7. WARRANTY INFORMATION

7.1. MAXIMUM RIDER WEIGHT

The maximum advised rider weight is 110 kg.

#BeTOUGH