

FRAME PASSPORT

**X-BOW DISC**



**RIDLEY**

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FRAME PASSPORT

Type: 7DD  
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**#BeTOUGH**

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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

This versatile frame is perfect for those new to cross and can easily be used for training or commuting.

### 1.2. PART CODES

All the X-Bow Disc frames have a particular part code composed by the letters "FRACRERID...", 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 X-Bow Disc is made of high quality 7005 aluminum.

## 3. WEIGHT

### 3.1. FRAME

SIZE	WEIGHT (*)
XXS	1560 GRAMS
XS	1600 GRAMS
S	1650 GRAMS
M	1710 GRAMS
L	1760 GRAMS
XL	1820 GRAMS

(\*) Weight of painted frame, real weight may differ from the weight mentioned above by 5 %.

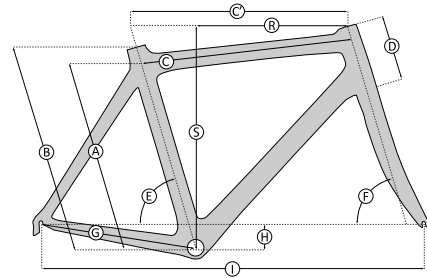
### 3.2. FORK

The weight of the 4ZA Zornyc fork is around 730 g (\*)

(\*)Weight of painted fork, real weight may differ from the weight mentioned above by 5 %.

## 4. GEOMETRY

SIZE	A	B	C	D	E	F	G	H	I	S	R
XXS	410	450	500	100	74	71	425	53	994	711	378
XS	450	490	516	120	74	72	425	57	1002	746	385
S	480	520	523	135	73	72	425	59	1001	772	381
M	510	550	535	150	73	72	425	61	1011	798	377
L	540	580	554	165	73	72	425	61	1027	823	380
XL	570	610	570	190	73	72	425	61	1042	850	389



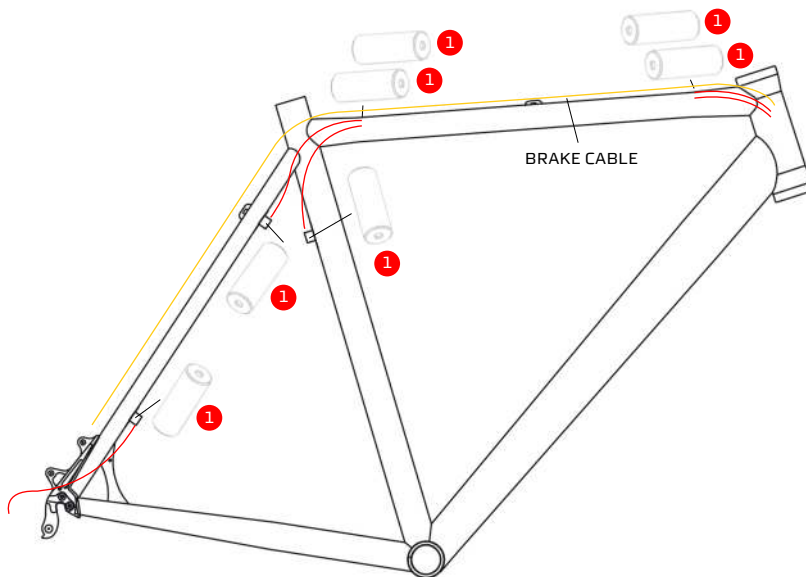
## 5. CABLE ROUTING

### 5.1. COMPATIBILITY

The X-Bow Disc is compatible for mechanical group sets only.

### 5.2. MECHANICAL CABLE ROUTING

Below you can see the cable routing of the X-Bow Disc.



NO.	PART	PART CODE	QUANTITY
1	END CAP, SHIFTER CABLE	CABSTIJAG002	7

## 6. PARTS

### 6.1. FORK

The standard fork, used for a X-Bow Disc, is the 4ZA Zornyc Disc fork.

#### 6.1.1. MATERIAL

- Fork legs: Carbon
- Steerer tube: Alloy

#### 6.1.2. DIMENSIONS

- Steerer tube length: 300 mm
- Headset: 1 1/8" upper ring – 1 1/8" lower ring
- Fork rake: 50 mm
- OLD (OverLock nut Distance): 100 mm

#### 6.1.3. BRAKES

The Zornyc disc fork is compatible for international standard type disc brakes with a maximum rotor size of 160 mm.

#### 6.1.4. PART CODES

All the 4ZA Zornyc forks have a particular part code composed by the letters "FORZOR4ZA...", 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° Oversized angular contact bearing (S.H.I.S.: ZS41/28,6|ZS41/30):

- Lower bearing: 1 1/8"
- Upper bearing: 1 1/8"

Recommended headset:

Brand: FSA

Type: No.41

Ridley part code: HSECRSFSA010

RIDLEY PART CODE	TYPE	BRAND	BRAKES
HSECRSFSA010	NO.41	FSA	MINI V-BRAKES

### 6.3. SEAT POST

The X-Bow Disc frame is developed to use a 31,6 mm seat post. To fix the seat post the 4ZA 34,9 mm (Part Code: SPCSNG4ZA011) 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 X-Bow Disc is compatible for disc brakes only:

Fork:               - Type: IS mount  
                      - Max. rotor size: 160 mm

Frame:             - Type: IS mount  
                      - Max. rotor size: 140 mm

### 6.6. DERAILLEUR

#### 6.6.1. FRONT

The frame is designed to use a clamp on top pull or down pull (by use of the standard assembled cable wheel) derailleur for a 34,9 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: FDCNOB4ZA004).

#### 6.6.2. REAR

The hanger, used for the X-Bow Disc is the HAACRSRID011.



## 7. WHEELS AND TIRES

### 7.1. FORK

The fork is developed for 700C cyclocross disc 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 cyclocross wheels with a build in width of 135 mm and a quick release system with a maximum diameter of 9 mm.

## 8. WARRANTY INFORMATION

### 8.1. MAXIMUM RIDER WEIGHT

The maximum advised rider weight is 110kg.

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