



Frame Size Charts Gallium Pro & Gallium 2011

Why read this document?

The following has been prepared in order to assist buyers in choosing the proper frame size.

Contents:

- 1) Gallium and Gallium Pro geometry chart.
- 2) Top tube length chart for each frame size
- 3) "Saddle-to-handlebar height difference" charts for each frame size

A word of caution

Argon 18 highly recommends that prospective buyers consult the bike fitting specialists at an authorized Argon 18 retailer's. These experts have the tools and skills required for accurate measuring of riders' physical dimensions and the relevant product knowledge for determining the best options available to each buyer. They will gladly help you find the right bike for you; don't hesitate to ask for their help.

Saddle-to-handlebar height difference, a primary consideration

Argon 18 has developed its frame geometry so that each tube length varies incrementally according to frame size. Consequently, every rider potentially has two frame sizes to choose from.

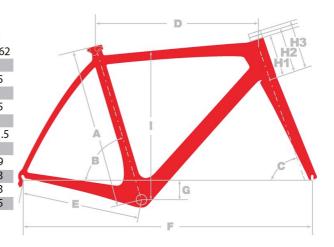
The 3D Headtube system further increases this versatility by offering a wider handlebar height adjustment range for a given frame size. Thus, choice of frame size must take into account the desired height difference between saddle and handlebar, along with the seat tube and top tube dimensions. The "Saddle-to-handlebar height difference" chart details the handlebar height adjustment range for each frame size.



1) Gallium and Gallium Pro geometry chart

G	alliu	m Pro)				
Siz	ze	XXS*	XS*	S*	M*	L*	XL*
Cla	assic	44-46	47-50	51-53	54-56	57-59	60-6
Α	cm	41.5	45	49	53.5	56	59
В	deg	75.5	74.5	74	73.5	73	72.5
С	deg	71	72	72.7	72.7	72.7	73
D	cm	50.2	52	54	56	57.5	59.5
Е	cm	40.6	40.6	40.6	40.8	41	41
F	cm	96	96	97	98	100	101.
G	cm	7.5	7.5	7.5	7.5	7.5	7.5
H1	cm	7.7	8.2	10.9	13.9	16.2	18.9
H2	2 cm	9.1	9.6	12.3	15.3	17.6	20.3
H3	3 cm	10.1	10.6	13.3	16.3	18.6	21.3
1	cm	66	69	73	77	79	81.5

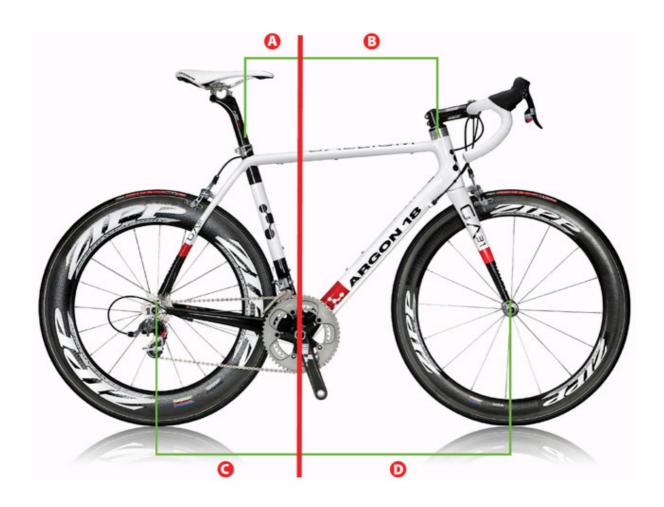
* Sloping Top Tube Weight : 940g(Medium frame only) Fork 340g





2) Tube length chart

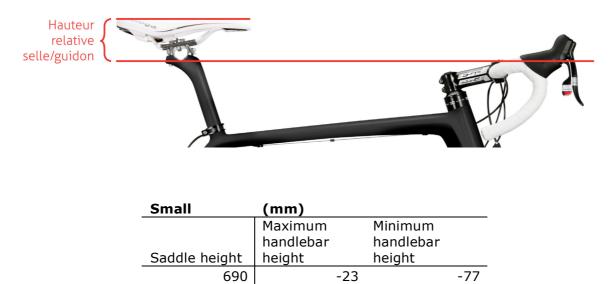
-top tube, top tube rear and top tube front lengths for each size:



Frame size	Section A Top tube rear (cm)	Section B Top tube front (cm)	A + B Total top tube length (cm)
XXS	11.5	38	50
XS	12.7	39.3	52
S	14.3	39.7	54
М	15.6	39.9	55.5
L	16.8	40.2	57
XL	17.8	40.7	58.5



3) Saddle-to-handlebar height difference chart, for each frame size



These figures illustrate the handlebar height adjustment range for a size Small frame : with a saddle height of 690mm (bottom bracket centerline to saddle top), a rider could set handlebar height relative to the saddle somewhere in a range between 23mm (highest position) and 77mm(lowest Position).

XS	(mm)	
	Maximum	Minimum
	handlebar	handlebar
Saddle height	height	height
690	-51	-105

If this rider wants a lower bar for a more aggressive position, then the XS size will allow this. With this frame, handlebar height can be set between 51mm (highest) and 105mm (lowest) below saddle height.

Notes

* Maximum handlebar height is achieved using a 20mm 3D spacer as well as 30mm of standard spacers. A positive(+) number indicates a handlebar set higher than the given saddle height.

* Minimum handlebar height is achieved using neither 3D nor standard spacers.





Gallium & Gallium Pro

XXS	(mm)		
	Maximum	Minimum	
	handlebar	handlebar	
Saddle height	height	height	
565	62		8
575	53		-1
585	43		-11
595	33		-21
605	24		-30
615	14		-40
625	4		-50
635	-5		-59
645	-15		-69
655	-25		-79
665	-34		-88
675	-44		-98
685	-54		-108

XS	(mm)	
	Maximum	Minimum
	handlebar	handlebar
Saddle height	height	height
600	36	-18
610	26	-28
620	16	-38
630	7	-47
640	-3	-57
650	-13	-67
660	-22	-76
670	-32	-86
680	-41	-95
690	-51	-105
700	-61	-115
710	-70	-124
720	-80	-134





Small	(mm)		
	Maximum	Minimum	_
	handlebar	handlebar	
Saddle height	height	height	
640	25	-29	
650	16	-38	
660	6	-48	
670	-4	-58	
680	-13	-67	
690	-23	-77	
700	-33	-87	
710	-42	-96	
720	-52	-106	
730	-61	-115	
740	-71	-125	
750	-81	-135	
760	-90	-144	

Medium	(mm)		
	Maximum	Minimum	
	handlebar	handlebar	
Saddle height	height	height	
685	12	-4	42
695	3	-!	51
705	-7	-(61
715	-17		71
725	-26	-8	80
735	-36	-9	90
745	-45	-9	99
755	-55	-10	09
765	-64	-13	18
775	-74	-12	28
785	-84	-13	38
795	-93	-14	47
805	-103	-1!	57





Large	(mm)	
	Maximum	Minimum
	handlebar	handlebar
Saddle height	height	height
710	9	-45
720	0	-54
730	-10	-64
740	-20	-74
750	-29	-83
760	-39	-93
770	-48	-102
780	-58	-112
790	-67	-121
800	-77	-131
810	-87	-141
820	-96	-150
830	-106	-160

XL	(mm)		_
	Maximum	Minimum	-
	handlebar	handlebar	
Saddle height	height	height	_
740	11	-43	
750	2	-52	
760	-8	-62	
770	-18	-72	
780	-27	-81	
790	-37	-91	
800	-46	-100	
810	-56	-110	
820	-65	-119	
830	-75	-129	
840	-84	-138	
850	-94	-148	
860	-103	-157	







Frame Size Charts Krypton 2011

Why read this document?

The following has been prepared in order to assist buyers in choosing the proper frame size.

Contents:

- 1) Gallium and Gallium Pro geometry chart.
- 2) Top tube length chart for each frame size
- 3) "Saddle-to-handlebar height difference" charts for each frame size

A word of caution

Argon 18 highly recommends that prospective buyers consult the bike fitting specialists at an authorized Argon 18 retailer's. These experts have the tools and skills required for accurate measuring of riders' physical dimensions and the relevant product knowledge for determining the best options available to each buyer. They will gladly help you find the right bike for you; don't hesitate to ask for their help.

Saddle-to-handlebar height difference, a primary consideration

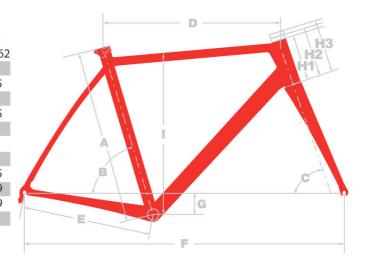
Argon 18 has developed its frame geometry so that each tube length varies incrementally according to frame size. Consequently, every rider potentially has two frame sizes to choose from.

The 3D Headtube system further increases this versatility by offering a wider handlebar height adjustment range for a given frame size. **Thus, choice of frame size must take into account the desired height difference between saddle and handlebar, along with the seat tube and top tube dimensions.** The "Saddle-to-handlebar height difference" chart details the handlebar height adjustment range for each frame size.

1) Krypton geometry chart

Krv	pton
I VI Y	pton

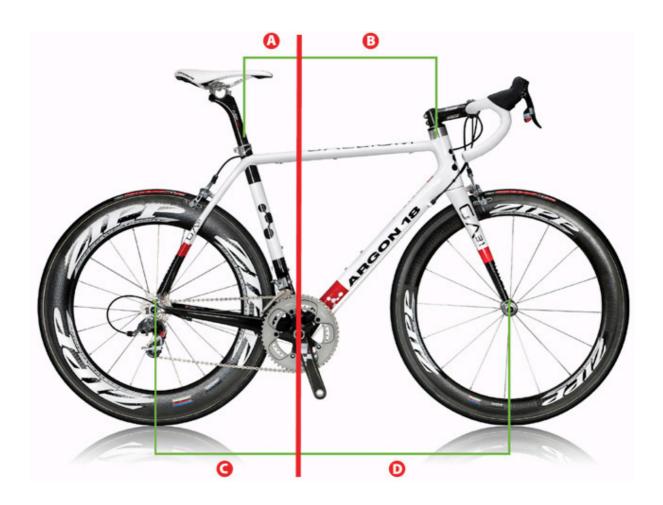
	1						
Siz	e	XXS*	XS*	S*	M*	L*	XL*
Cla	issic	44-46	47-50	51-53	54-56	57-59	60-6
А	cm	43	46.5	51.3	55	57.5	60
В	deg	75.5	74.5	74	73.5	73	72.5
С	deg	71	72	72.7	72.7	72.7	73
D	cm	50	52	54	55.6	57.5	59.5
Е	cm	40.6	40.6	40.6	40.8	41	41
F	cm	96.3	96.7	97.6	98.9	100	101
G	cm	7	7	7	7	7	7
H1	cm	9.0	10.0	12.3	14.7	17.3	19.5
H2	cm	10.4	11.4	13.7	16.1	18.7	20.9
H3	cm	11.4	12.4	14.7	17.1	19.7	21.9
1	cm	67.5	70.5	75	78	80	83



* Sloping Top Tube Weight : 1225g (Medium frame only) Fork 410g

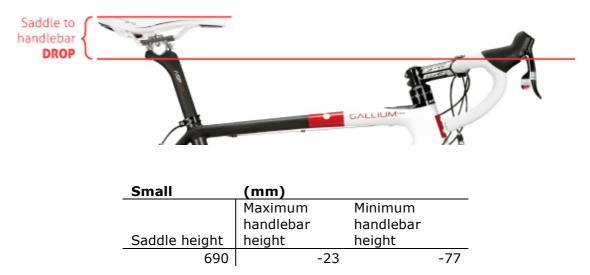
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-top tube, top tube rear and top tube front lengths for each size:



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XS	12.7	39.3	52
S	14.3	39.7	54
М	15.6	39.9	55.5
L	16.8	40.2	57
XL	17.8	40.7	58.5

3) Saddle-to-handlebar height difference chart, for each frame size



How to read the chart:

These figures illustrate the handlebar height adjustment range for a size Small frame: with a saddle height of 690mm (bottom bracket centerline to saddle top), a rider could set handlebar height relative to the saddle somewhere in a range between 23mm (highest position) and 77mm(lowest Position).

XS	(mm)	
	Maximum	Minimum
	handlebar	handlebar
Saddle height	height	height
690	-51	-105

If this rider wants a lower bar for a more aggressive position, then the XS size will allow this. With this frame, handlebar height can be set between 51mm (highest) and 105mm (lowest) below saddle height.

Notes

* Maximum handlebar height is achieved using a 20mm 3D spacer as well as 30mm of standard spacers. A positive(+) number indicates a handlebar set higher than the given saddle height.

* Minimum handlebar height is achieved using neither 3D nor standard spacers.



Krypton		
XXS	(mm)	
	Maximum	Minimum
	handlebar	handlebar
Saddle height	height	height
580	59	5
590	49	-5
600	39	-15
610	30	-24
620	20	-34
630	10	-44
640	0	-54
650	-9	-63
660	-19	-73
670	-29	-83
680	-38	-92
690	-48	-102
700	-58	-112

XS	(mm)		
	Maximum	Minimum	
	handlebar	handlebar	
Saddle height	height	height	
615	37		-18
625	27		-28
635	17		-38
645	8		-47
655	-2		-57
665	-12		-67
675	-21		-76
685	-31		-86
695	-40		-95
705	-50	- :	105
715	-60	-	115
725	-69	- :	124
735	-79	-:	134



Small	(mm)	
	Maximum	Minimum
	handlebar	handlebar
Saddle height	height	height
663	14	-40
673	4	-50
683	-5	-59
693	-15	-69
703	-25	-79
713	-34	-88
723	-44	-98
733	-54	-108
743	-63	-117
753	-73	-127
763	-82	-136
773	-92	-146
783	-102	-156

Medium	(mm)		
	Maximum	Minimum	
	handlebar	handlebar	
Saddle height	height	height	
700	3		-51
710	-7		-61
720	-16		-70
730	-26		-80
740	-36		-90
750	-45		-99
760	-55		-109
770	-64		-118
780	-74		-128
790	-83		-137
800	-93		-147
810	-103		-157
820	-112		-166



Large	(mm)		
	Maximum	Minimum	
	handlebar	handlebar	
Saddle height	height	height	
725	9		-48
735	-4		-58
745	-14		-68
755	-23		-77
765	-33		-87
775	-42		-96
785	-52		-106
795	-61		-115
805	-71		-125
815	-81		-135
825	-90		-144
835	-100		-154
845	-109		-163

XL	(mm)		
	Maximum	Minimum	
	handlebar	handlebar	
Saddle height	height	height	
750	5		-49
760	-5		-59
770	-14		-68
780	-24		-78
790	-34		-88
800	-43		-97
810	-53	-	-107
820	-62	-	-116
830	-72	-	·126
840	-81	-	-135
850	-91	-	-145
860	-100	-	-154
870	-110	-	164





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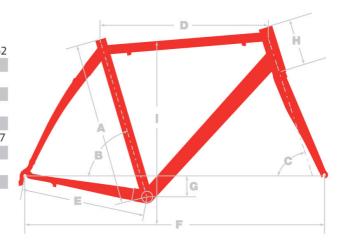
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1) Radon : geometry chart

Radon

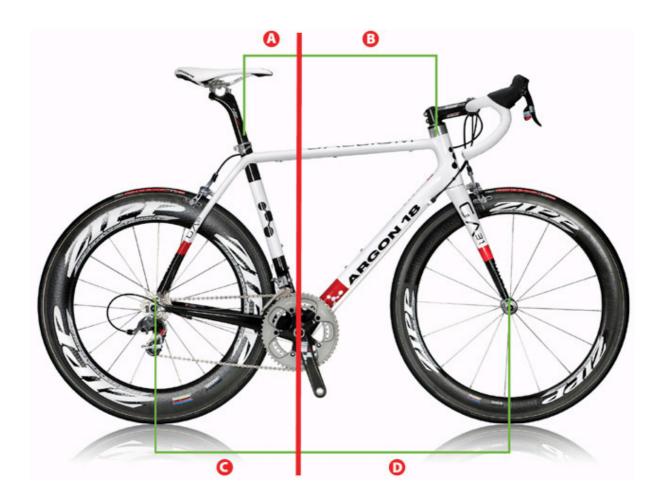
Siz	e	XXS*	XS*	S*	M*	L*	XL*
Cla	assic	43-46	47-50	51-53	54-55	57-59	60-62
А	cm	41	46	51	54	57	60
В	deg	75.5	75	74	73.5	73	72.5
С	deg	71	72	72.7	72.7	72.7	73
D	cm	50	52	54	55.5	57.5	59.5
Е	cm	40.6	40.6	40.6	40.8	41	41
F	cm	96.1	96.7	97.2	98.5	100	100.7
G	cm	7	7	7	7	7	7
Н	cm	9.8	10.8	12.8	15.6	18.2	21
1	cm	66.4	69.4	74.5	77	80	82

* Sloping Top Tube Weight : 1375g (Medium frame only) Fork 485g



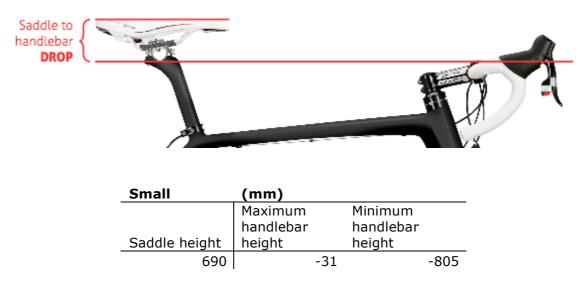
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XS	13.8	38.2	52
S	15.2	38.8	54
М	16.5	39.0	55.5
L	17.8	39.7	57.5
XL	19.2	40.3	59.5

3) Saddle-to-handlebar height difference chart, for each frame size



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XS	(mm)	
	Maximum	Minimum
	handlebar	handlebar
Saddle height	height	height
690	-52	-106

If this rider wants a lower bar for a more aggressive position, then the XS size will allow this. With this frame, handlebar height can be set between 51mm (highest) and 105mm (lowest) below saddle height.

Notes

* Maximum handlebar height is achieved using a 20mm 3D spacer as well as 30mm of standard spacers. A positive(+) number indicates a handlebar set higher than the given saddle height.

* Minimum handlebar height is achieved using neither 3D nor standard spacers.



Radon			
XXS	(mm)		
	Maximum	Minimum	
	handlebar	handlebar	
Saddle height	height	height	
565	57	3	
575	47	-7	
585	38	-16	
595	28	-26	
605	18	-36	
615	9	-45	
625	-1	-55	
635	-11	-65	
645	-20	-74	
655	-30	-84	
665	-40	-94	
675	-49	-103	
685	-59	-113	

XS	(mm)		
	Maximum	Minimum	
	handlebar	handlebar	
Saddle height	height	height	
600	35		-19
610	26		-28
620	16		-38
630	6		-48
640	-3		-57
650	-13		-67
660	-23		-77
670	-32		-86
680	-42		-96
690	-52		-106
700	-61		-115
710	-71		-125
720	-80		-134



Small	(mm)		
	Maximum	Minimum	
	handlebar	handlebar	
Saddle height	height	height	
640	17		-37
650	7		-47
660	-2		-56
670	-12		-66
680	-21		-75
690	-31		-85
700	-41		-95
710	-50		-104
720	-60		-114
730	-69		-123
740	-79		-133
750	-89		-143
760	-98		-152

Medium	(mm)		
	Maximum	Minimum	
	handlebar	handlebar	
Saddle height	height	height	
685	29		-25
695	-19		-35
705	-10		-44
715	0		-54
725	-9		-63
735	-19		-73
745	-29		-83
755	-38		-92
765	-48	-	102
775	-57	-:	111
785	-67	-:	121
795	-77	-	131
805	-86	- :	140



Large	(mm)		
	Maximum	Minimum	
	handlebar	handlebar	
Saddle height	height	height	
710	5		-49
720	-5		-59
730	-14		-68
740	-24		-78
750	-33		-87
760	-43		-97
770	-53		-107
780	-62		-116
790	-72		-126
800	-81		-135
810	-91		-145
820	-100		-154
830	-110		-164

XL	(mm)		
	Maximum	Minimum	_
	handlebar	handlebar	
Saddle height	height	height	
740	5	-49	
750	-5	-59	
760	-14	-68	
770	-24	-78	
780	-33	-87	
790	-43	-97	
800	-52	-106	
810	-62	-116	
820	-71	-125	
830	-81	-135	
840	-90	-144	
850	-100	-154	
860	-110	-164	





E-114 sizing charts

version 2



Saddle height	Saddle / pads	
	highest	lowest
62	+2cm	-4cm
63	+1	-5
64	0	-6
65	-1	-7
66	-2	-8
67	-3	-9
68	-4	-10
69	-5	-11
70	-6	-12
71	-7	-13
72	-8	-14
73	-9	-15
74	-10	-16
75	-11	-17
76	-12	-18
77	-13	-19
78	-14	-20
79	-15	-21
80	-16	-22
81	-17	-23
82	-18	-24

E-114 sizing chart : Size XS



Reach

- A rmrest pads : 42.7 / 44.7 / 46.7 cm
- **B** Handlebar (brake levers) : 56.6cm
- **C** Shifters (Min/max) : 65.3 / 89.3cm

Note:

1) Saddle height: measures taken from the center of the bottom bracket to the saddle's top.

2) The **aero-shaped spacers** going under the fairing allow 4.5cm of base bar height adjustability.

Armrest pads: they can be raised up to 1.5cm higher than the base bar.

ONEness lenght: 65 mm



Mechanically possible, but not desirable
Common options
Optimal zone



Saddle height	Saddle <i>i</i> pads	
	highest	lowest
68	-2.5cm	-8.5cm
69	-3.5	-9.5
70	-4.5	-10.5
71	-5.5	-11.5
72	-6.5	-12.5
73	-7.5	-13.5
74	-8.5	-14.5
75	-9.5	-15.5
76	-10.5	-16.5
77	-11.5	-17.5
78	-12.5	-18.5
79	-13.5	-19.5
80	-14.5	-20.5
81	-15.5	-21.5
82	-16.5	-22.5
83	-17.5	-23.5
84	-18.5	-24.5
85	-19.5	-25.5
86	-20,5	-26.5
87	-21,5	-27.5
88	-22.5	-28.5

E-114 sizing chart : Size S



Reach

- **A** Armrest pads : 44 / 46 / 48cm
- **B** Handlebar (brake levers) : 57.8cm
- **C** Shifters (Min/max) : 66.5 / 90.5cm

Note:

1) Saddle height: measures taken from the center of the bottom bracket to the saddle's top.

2) The **aero-shaped spacers** going under the fairing allow 4.5cm of base bar height adjustability.

Armrest pads: they can be raised up to 1.5cm higher than the base bar.

ONEness lenght: 65 mm



Mechanically possible, but not desirable
Common options
Optimal zone



Saddle height	Saddle / pads	
	highest	lowest
70	-3.5cm	-9.5cm
71	-4.5	-10.5
72	-5.5	-11.5
73	-6.5	-12.5
74	-7.5	-13.5
75	-8.5	-14.5
76	-9.5	-15.5
77	-10.5	-16.5
78	-11.5	-17.5
79	-12.5	-18.5
80	-13.5	-19.5
81	-14.5	-20.5
82	-15.5	-21.5
83	-16.5	-22.5
84	-17.5	-23.5
85	-18.5	-24.5
86	-19.5	-25.5
87	-20.5	-26.5
88	-21.5	-27.5
89	-22.5	-28.5
90	-23.5	-29.5

Mechanically possible, but not desirable **Common options** Optimal zone

E-114 sizing chart : Size M



Reach

- Armrest pads : 48.5 / 50.5 / 52.5cm
- **B** Handlebar (brake levers) : 62cm
- C Shifters (Min/max) : 71 / 95cm

Note:

1) Saddle height: measures taken from the center of the bottom bracket to the saddle's top.

2) The **aero-shaped spacers** going under the fairing allow 4.5cm of base bar height adjustability.

Armrest pads: they can be raised up to 1.5cm higher than the base bar.

ONEness lenght: 95 mm





Saddle height	Saddle <i>i</i> pads	
	highest	lowest
74	-4cm	-10cm
75	-5	-11
76	-6	-12
77	-7	-13
78	-8	-14
79	-9	-15
80	-10	-16
81	-11	-17
82	-12	-18
83	-13	-19
84	-14	-20
85	-15	-21
86	-16	-22
87	-17	-23
88	-18	-24
89	-19	-25
90	-20	-26
91	-21	-27
92	-22	-28
93	-23	-29
94	-24	-30

E-114 sizing chart :



Reach

Armrest pads : 48.5 / 50.5 / 52.5cm

B Handlebar (brake levers) : 62cm

C Shifters (Min/max) : 71 / 95cm

Note:

1) **Saddle height:** measures taken from the center of the bottom bracket to the saddle's top.

2) The **aero-shaped spacers** going under the fairing allow 4.5cm of base bar height adjustability.

Armrest pads: they can be raised up to 1.5cm higher than the base bar.

ONEness lenght: 95 mm



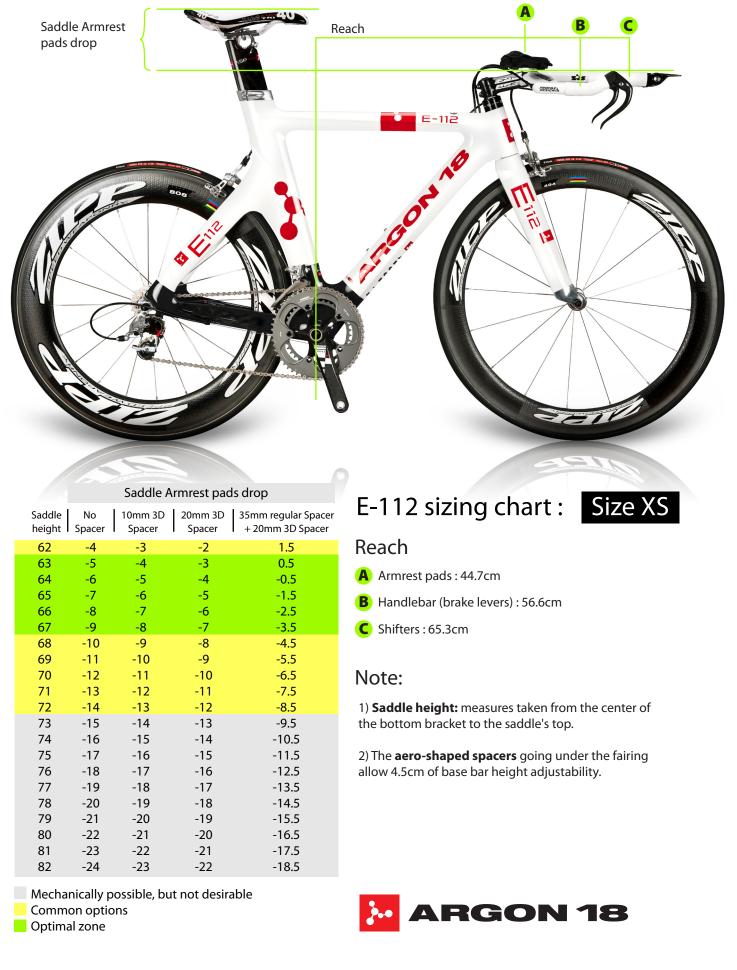
Mechanically possible, but not desirable
 Common options
 Optimal zone

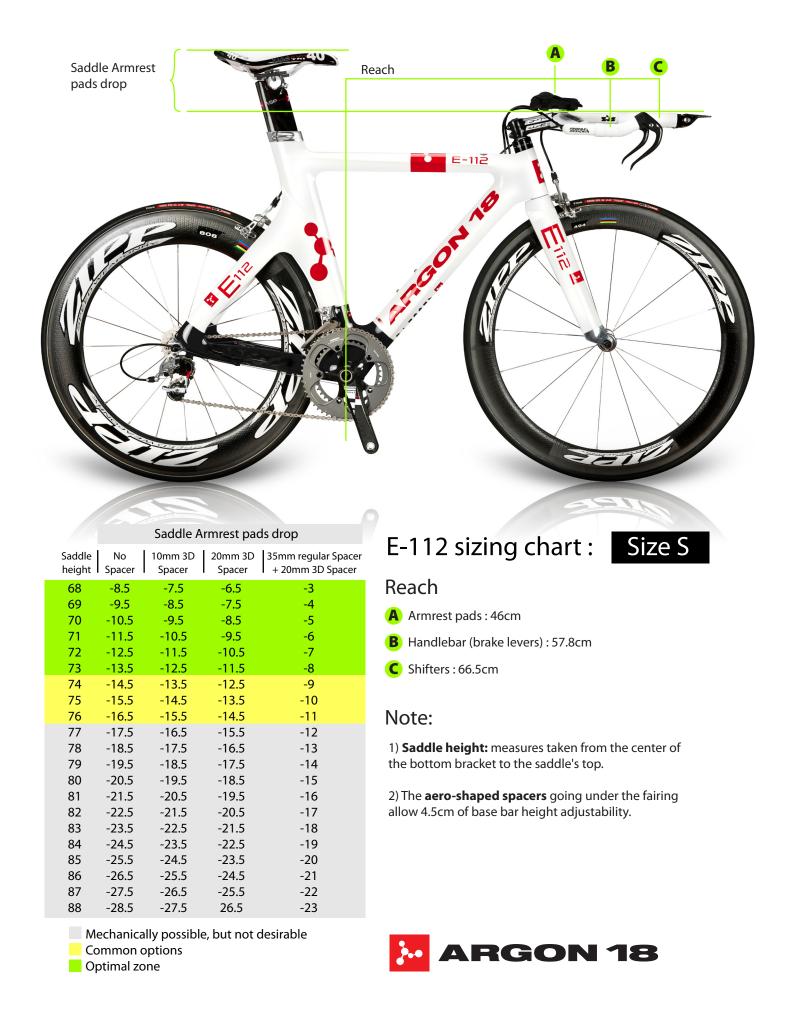




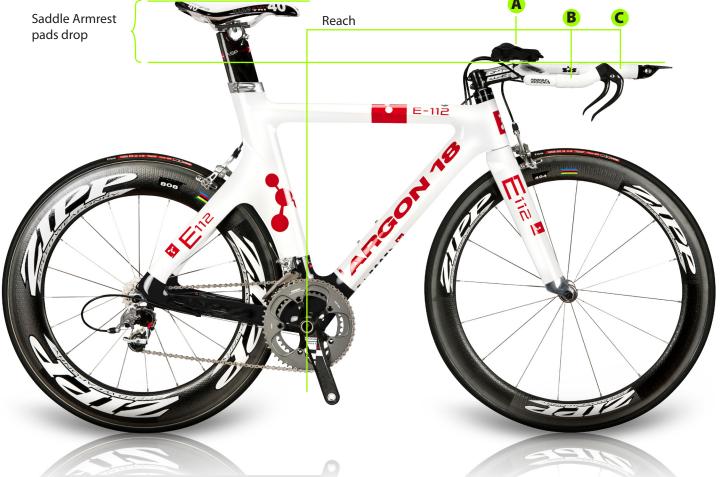
E-112 sizing charts

version 2





This chart indicates what is mechanically possible. Please consult one of our authorized dealers for further informations on your bike fit.



Saddle Armrest pads drop

Saddle height	No Spacer	10mm 3D Spacer	20mm 3D Spacer	35mm regular Spacer + 20mm 3D Spacer
70	-9.5	-8.5	-7.5	-4
71	-10.5	-9.5	-8.5	-5
72	-11.5	-10.5	-9.5	-6
73	-12.5	-11.5	-10.5	-7
74	-13.5	-12.5	-11.5	-8
75	-14.5	-13.5	-12.5	-9
76	-15.5	-14.5	-13.5	-10
77	-16.5	-15.5	-14.5	-11
78	-17.5	-16.5	-15.5	-12
79	-18.5	-17.5	-16.5	-13
80	-19.5	-18.5	-17.5	-14
81	-20.5	-19.5	-18.5	-15
82	-21.5	-20.5	-19.5	-16
83	-22.5	-21.5	-20.5	-17
84	-23.5	-22.5	-21.5	-18
85	-24.5	-23.5	-22.5	-19
86	-25.5	-24.5	-23.5	-20
87	-26.5	-25.5	-24.5	-21
88	-27.5	-26.5	-25.5	-22
89	-28.5	-27.5	-26.5	-23
90	-29.5	-28.5	-27.5	-24

Mechanically possible, but not desirable

Common options Optimal zone

E-112 sizing chart : Size M

Reach

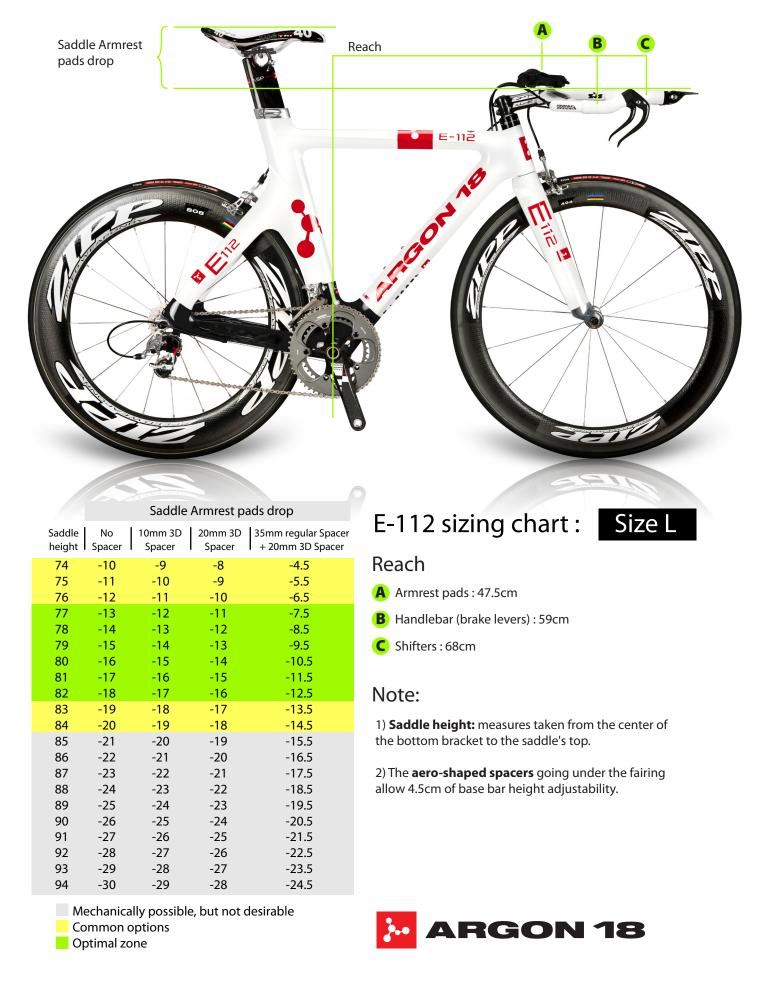
- Armrest pads : 46.8cm
- **B** Handlebar (brake levers) : 58.5cm
- C Shifters : 67.5cm

Note:

1) Saddle height: measures taken from the center of the bottom bracket to the saddle's top.

2) The aero-shaped spacers going under the fairing allow 4.5cm of base bar height adjustability.



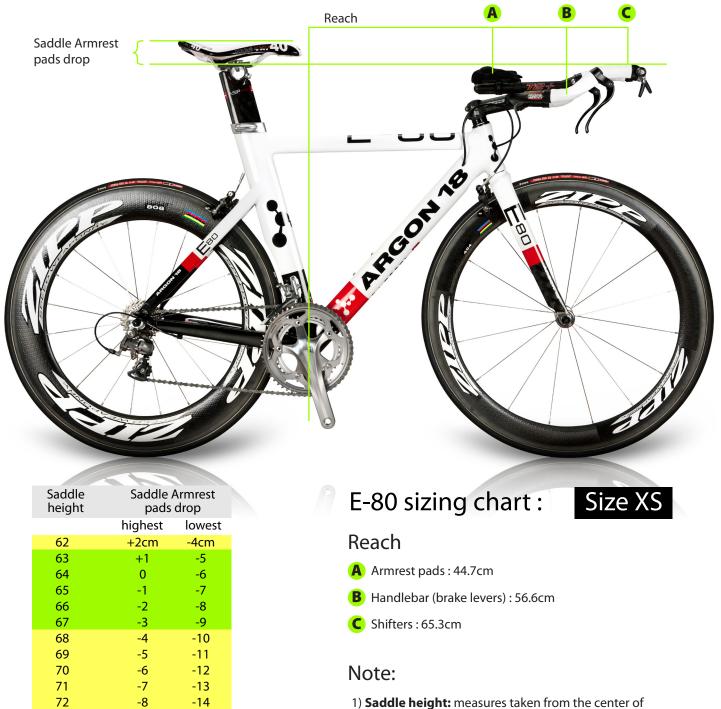




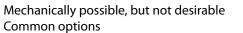


E-80 sizing charts

version 2



the bottom bracket to the saddle's top.



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-22 -23

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Optimal zone

73

74

75

76

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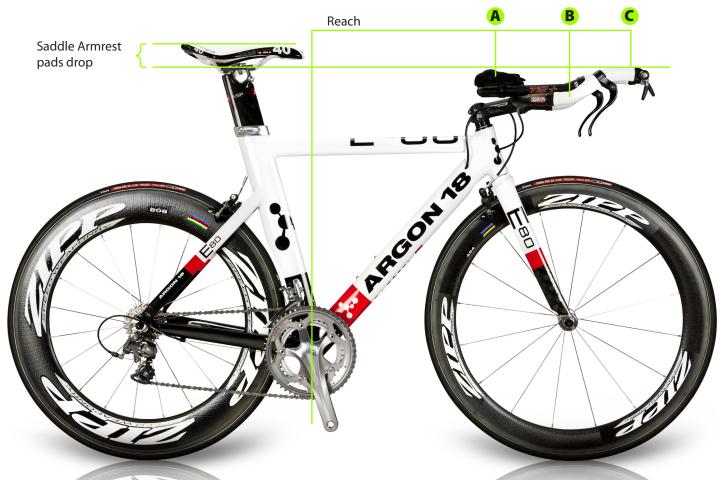
79

80

81

82





Saddle height		Saddle Armrest pads drop	
-	highest	lowest	
68	-2.5cm	-8.5cm	
69	-3.5	-9.5	
70	-4.5	-10.5	
71	-5.5	-11.5	
72	-6.5	-12.5	
73	-7.5	-13.5	
74	-8.5	-14.5	
75	-9.5	-15.5	
76	-10.5	-16.5	
77	-11.5	-17.5	
78	-12.5	-18.5	
79	-13.5	-19.5	
80	-14.5	-20.5	
81	-15.5	-21.5	
82	-16.5	-22.5	
83	-17.5	-23.5	
84	-18.5	-24.5	
85	-19.5	-25.5	
86	-20,5	-26.5	
87	-21,5	-27.5	
88	-22.5	-28.5	
Mechanically possible, but not desirabl			

Common options
Optimal zone

E-80 sizing chart :



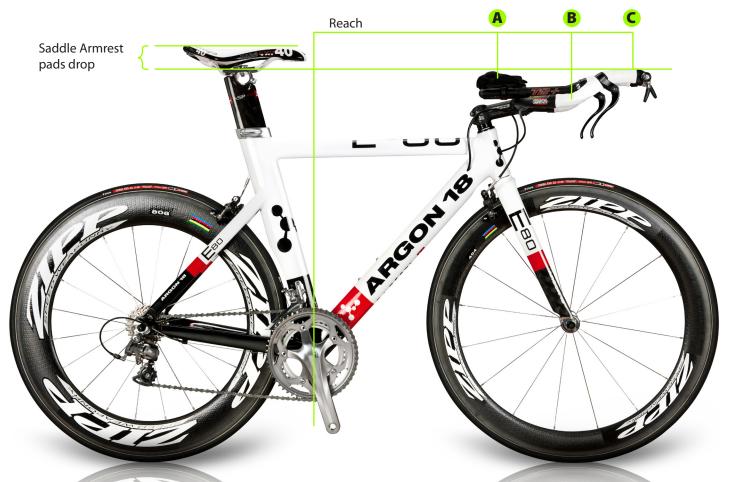
Reach

- Armrest pads : 46cm
- **B** Handlebar (brake levers) : 57.8cm
- C Shifters : 66.5cm

Note:

1) **Saddle height:** measures taken from the center of the bottom bracket to the saddle's top.





addle eightSaddle Armrest pads drophighestlowest70-3.5cm-9.5cm71-4.5-10.572-5.5-11.573-6.5-12.574-7.5-13.575-8.5-14.576-9.5-15.577-10.5-16.578-11.5-17.580-13.5-19.581-14.5-20.582-15.5-21.583-16.5-22.584-17.5-23.585-18.5-24.586-19.5-25.587-20.5-26.5
70 -3.5 cm -9.5 cm71 -4.5 -10.5 72 -5.5 -11.5 73 -6.5 -12.5 74 -7.5 -13.5 75 -8.5 -14.5 76 -9.5 -15.5 77 -10.5 -16.5 78 -11.5 -17.5 80 -13.5 -19.5 81 -14.5 -20.5 82 -15.5 -21.5 83 -16.5 -22.5 84 -17.5 -23.5 85 -18.5 -24.5 86 -19.5 -25.5
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2013 2013
88 -21.5 -27.5
89 -22.5 -28.5
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Aechanically possible, but not de

Common options
Optimal zone

E-80 sizing chart :



Reach

- Armrest pads : 46.8cm
- **B** Handlebar (brake levers) : 58.5cm
- C Shifters : 67.5cm

Note:

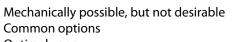
1) **Saddle height:** measures taken from the center of the bottom bracket to the saddle's top.





Note:

1) **Saddle height:** measures taken from the center of the bottom bracket to the saddle's top.



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Optimal zone

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