2004
Klein Specifications Manual

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Contents

Hardtails

Klein Attitude *1*
Klein Attitude Disc *2*
Klein Attitude XV *3*

Full suspension

Klein Palomino V *4*
Klein Palomino V *5*
Klein Palomino X *6*
Klein Palomino XV Disc *7*
Klein Palomino XX Disc *8*

Road

Klein Aura V *9*
Klein Aura V T *10*
Klein Aura X *11*
Klein Aura X T *12*
Klein Aura XV *13*
Klein Aura XV T *14*
Klein Q-Pro XV *15*
Klein Q-Pro XV T *16*
Klein Q-Pro XX *17*
Klein Q-Pro XX T *18*

Klein Attitude *4022600*14.073*

FRAMESET

Main tubes	ZR9000	
Stays	ZR9000	
Color	Silver Cloud	
Fork	RockShox Duke XC	80 mm travel, 451.0 mm axle-crown length
Headset	Aheadset, semi-cartridge	25.4/34.0/30.0, 26.5 mm stack height

CONTROLS

Handlebar	Bontrager Select	25.4 mm clamp diameter
Stem	Bontrager Comp	41.0 mm steerer clamp height
Shift levers	Shimano Deore RapidFire+	
Brake levers	Avid AD 3L, long pull	
Grips	Klein Instinct	

DRIVETRAIN

Front derailleur	Shimano Deore	Top pull, 34.9 mm/ 1 3/8" attachment
Rear derailleur	Shimano Deore XT SGS	
Crankset	Bontrager Race 44/32/22	64/104 mm bolt hole circle
Bottom bracket	Bontrager Race, ISIS splined	73 x 113 (shell x axle, mm), ISIS splined axle
Chain	Shimano HG-53	9 speed, 108 links
Cassette	SRAM 7.0 11-34, 9spd	

WHEELSET

Front wheel	Bontrager Select ATB, disc compatible, 28° 268/268 mm 3x spokes, Velox 22mm rim strip	541mm E.R.D.
Rear wheel	Bontrager Select ATB, disc compatible, 28° 267/268 mm 3x rear spokes, Velox 22mm rim strip	541 mm E.R.D.
Spokes	DT 14/15G butted stainless, ProLock alloy nipples	
Front tire	Klein Deathgrip, folding	26 x 2.35
Rear tire	Klein Deathgrip, folding	26 x 2.35
Inner tubes	Presta valve, ultra light	

OTHER

Seatpost	Bontrager Sport	31.6 mm outer diameter
Saddle	Bontrager FS 2000, Cro-Moly rails, Gel	
Seatpost binder	Alloy w/integral bolt	36.4 mm inner diameter
Brakes	Avid Single Digit 3, linear pull	
Pedals	Shimano SPD M505, clipless	9/16" axle
Additionals	3 water bottle mounts (2 on 14)	
Bike weight	27.1 lb/12.30 kg	

FIT *dimensions in MM, unless specified*

Frame	Size	14	16	17.5	19	21
Rider height, in.		64.8	68.3	70.7	72.4	76.2
	cm	164	173	180	184	194
Handlebar	width	600	600	600	600	600
Handlebar	rise	0				
Stem	length	90	105	120	120	135
	angle	5	10	10	10	10
Headset spacers		30	30	30	30	30
Crank	length	170	175	175	175	175
Seatpost	length	300	350	350	350	350
Steerer	length	183.5	198.5	198.5	218.5	258.5

GEOMETRY *dimensions in MM, unless specified*

Head tube angle	70.2	70.8	71.3	71.4	71.4
Fork offset	38.0	38.1	38.1	38.1	38.1
Trail	80	77	73	73	73
Seat tube angle	72.8	72.8	72.8	72.8	72.8
Effective top tube	551	574	595	611	627
Seat tube	356	400	445	489	533
Standover	673	707	739	775	818
Wheelbase	1017	1037	1055	1072	1090
Bottom bracket height	290	295	300	303	305
Chainstay	417	417	417	417	417
Head tube	90	105	105	125	165

GEARING

	22	32	44
11	52	76	105
13	44	65	89
15	38	56	77
17	34	49	68
20	29	42	58
23	25	36	50
26	22	32	44
30	19	28	38
34	17	25	34

Klein Attitude Disc *4023600*14.073*

FRAMESET

Main tubes	ZR9000	
Stays	ZR9000	
Color	Silver Cloud	
Fork	RockShox Duke XC	80 mm travel, 451.0 mm axle-crown length
Headset	Aheadset, semi-cartridge	25.4/34.0/30.0, 26.5 mm stack height

CONTROLS

Handlebar	Bontrager Select	25.4 mm clamp diameter
Stem	Bontrager Comp	41.0 mm steerer clamp height
Shift levers	Shimano Deore RapidFire+	
Brake levers	Hydraulic, attached to brake	
Grips	Klein Instinct	

DRIVETRAIN

Front derailleur	Shimano Deore	Top pull, 34.9 mm/ 1 3/8" attachment
Rear derailleur	Shimano Deore XT SGS	
Crankset	Bontrager Race 44/32/22	64/104 mm bolt hole circle
Bottom bracket	Bontrager Race, ISIS splined	73 x 113 (shell x axle, mm), ISIS splined axle
Chain	Shimano HG-53	9 speed, 108 links
Cassette	SRAM 7.0 11-34, 9spd	

WHEELSET

Front wheel	Bontrager Select ATB, disc compatible, 28° 268/268 mm 3x spokes, Velox 22mm rim strip	541mm E.R.D.
Rear wheel	Bontrager Select ATB, disc compatible, 28° 267/268 mm 3x rear spokes, Velox 22mm rim strip	541 mm E.R.D.
Spokes	DT 14/15G butted stainless, ProLock alloy nipples	
Front tire	Klein Deathgrip, folding	26 x 2.35
Rear tire	Klein Deathgrip, folding	26 x 2.35
Inner tubes	Presta valve, ultra light	

OTHER

Seatpost	Bontrager Sport	31.6 mm outer diameter
Saddle	Bontrager FS 2000, Cro-Moly rails, Gel	
Seatpost binder	Alloy w/integral bolt	36.4 mm inner diameter
Brakes	Hayes HFX-9, hydraulic disc front	6.3 in. disc, 44mm BCD

Frame Size	14	16	17.5	19	21
Front disc hose, mm	690	690	690	690	750
Rear disc hose, mm	1220	1280	1280	1280	1350

Pedals	Shimano SPD M505, clipless	9/16" axle
Additionals	3 water bottle mounts (2 on 14)	
Bike weight	27.5 lb/12.49 kg	

FIT *dimensions in MM, unless specified*

Frame Size	14	16	17.5	19	21
Rider height, in.	64.8	68.3	70.7	72.4	76.2
cm	164	173	180	184	194
Handlebar width	600	600	600	600	600
Handlebar rise	0				
Stem length	90	105	120	120	135
angle	5	10	10	10	10
Headset spacers	30	30	30	30	30
Crank length	170	175	175	175	175
Seatpost length	300	350	350	350	350
Steerer length	183.5	198.5	198.5	218.5	258.5

GEOMETRY *dimensions in MM, unless specified*

	14	16	17.5	19	21
Head tube angle	70.2	70.8	71.3	71.4	71.4
Fork offset	38.0	38.1	38.1	38.1	38.1
Trail	80	77	73	73	73
Seat tube angle	72.8	72.8	72.8	72.8	72.8
Effective top tube	551	574	595	611	627
Seat tube	356	400	445	489	533
Standover	673	707	739	775	818
Wheelbase	1017	1037	1055	1072	1090
Bottom bracket height	290	295	300	303	305
Chainstay	417	417	417	417	417
Head tube	90	105	105	125	165

GEARING

	22	32	44
11	52	76	105
13	44	65	89
15	38	56	77
17	34	49	68
20	29	42	58
23	25	36	50
26	22	32	44
30	19	28	38
34	17	25	34

Klein Attitude XV *4026600*14.093*

FRAMESET

Main tubes	ZR9000	
Stays	ZR9000	
Color	Blue Linear	
Fork	RockShox Duke Race	80 mm travel, 451.0 mm axle-crown length
Headset	Alloy aheadset, semi-cartridge	25.4/34.0/30.0, 27.2 mm stack height

CONTROLS

Handlebar	Bontrager Race	25.4 mm clamp diameter
Stem	Bontrager Race	41.0 mm steerer clamp height
Shift levers	Shimano Deore XT, Dual Control	
Brake levers	Hydraulic, attached to brake	
Grips	Klein Instinct	

DRIVETRAIN

Front derailleur	Shimano Deore XT	Top pull, 34.9 mm/ 1 3/8" attachment
Rear derailleur	Shimano Deore XT SGS	
Crankset	Shimano Deore XT 44/32/22	146/102/64 mm bolt hole circle
Bottom bracket	Shimano Deore XT, integral axle	135.5mm English (shell x axle, mm), Integral axle
Chain	Shimano HG-73	9 speed, 108 links
Cassette	Shimano Deore XT 11-34, 9spd	

WHEELSET

Front wheel	Bontrager Race ATB Disc, tubeless compatible, 28° 267/266 mm 3x spokes, tubeless assymetric rim strip	542mm E.R.D.
Rear wheel	Bontrager Race ATB Disc, tubeless compatible, 28° 267/268 mm 3x rear spokes, tubeless assymetric rim strip	542 mm E.R.D.
Spokes	DT 14/15G butted stainless, ProLock alloy nipples	
Front tire	Bontrager Super-X, tubeless, 127tpi	49/48
Rear tire	Bontrager Super-X, tubeless, 127tpi	49/48

OTHER

Seatpost	Bontrager Select	31.6 mm outer diameter
Saddle	Bontrager FS 2000, Cro-Moly rails, Gel	
Seatpost binder	Alloy w/integral bolt	36.4 mm inner diameter
Brakes	Shimano Deore XT, hydraulic disc	160mm disc, 44mm BCD

Frame Size	14	16	17.5	19	21
Front disc hose, mm	650	650	750	750	750
Rear disc hose, mm	1350	1350	1350	1400	1400

Pedals	Shimano SPD M520, clipless	9/16" axle
Additionals	3 water bottle mounts (2 on 14)	

FIT *dimensions in MM, unless specified*

Frame	Size	14	16	17.5	19	21
Rider height, in.		64.8	67.7	70.5	72.2	75.6
	cm	165	172	179	183	192
Handlebar	width	600	600	600	600	600
Handlebar	rise	0				
Stem	length	90	100	120	120	130
	angle	10	10	10	10	10
Headset spacers		25	25	25	25	25
Crank	length	170	175	175	175	175
Seatpost	length	330	330	330	330	330
Steerer	length	179.2	194.2	194.2	214.2	254.2

GEOMETRY *dimensions in MM, unless specified*

Head tube angle	70.2	70.8	71.3	71.4	71.4
Fork offset	38.0	38.1	38.1	38.1	38.1
Trail	80	77	73	73	73
Seat tube angle	72.8	72.8	72.8	72.8	72.8
Effective top tube	551	574	595	611	627
Seat tube	356	400	445	489	533
Standover	673	707	739	775	818
Wheelbase	1017	1037	1055	1072	1090
Bottom bracket height	290	295	300	303	305
Chainstay	417	417	417	417	417
Head tube	90	105	105	125	165

GEARING

	22	**32**	**44**
11	52	76	105
13	44	65	89
15	38	56	77
17	34	49	68
20	29	42	58
23	25	36	50
26	22	32	44
30	19	28	38
34	17	25	34

Klein Palomino V *4154600*14.093*

FRAMESET

Main tubes	ZR9000	
Stays	ZR9000	
Color	Blue Linear	
Fork	Fox Float R	100 mm travel, 471.0 mm axle-crown length
Rear shock	Fox Palomino custom, air spring, adj. rebound damping	2.36 stroke, length, width, eyes
Headset	Alloy aheadset, semi-cartridge	25.4/34.0/30.0, 27.2 mm stack height

CONTROLS

Handlebar	Bontrager Select	25.4 mm clamp diameter
Stem	Bontrager Race	41.0 mm steerer clamp height
Shift levers	Shimano Deore LX RapidFire+	
Brake levers	Avid FR-1	
Grips	Klein Instinct	

DRIVETRAIN

Front derailleur	Shimano Deore LX	Down pull, Plate style attachment
Rear derailleur	Shimano Deore XT SGS	
Crankset	Shimano Deore LX 44/32/22	64/104 mm bolt hole circle
Bottom bracket	Shimano BB-ES51 E-type	73 x 126 (shell x axle, mm), Shimano splined axle
Chain	Shimano HG-73	9 speed, 112 links
Cassette	SRAM 7.0 11-34, 9spd	

WHEELSET

Front wheel	Bontrager Select ATB, disc compatible, 28° 268/268 mm 3x spokes, Velox 22mm rim strip	541mm E.R.D.
Rear wheel	Bontrager Select ATB, disc compatible, 28° 267/268 mm 3x rear spokes, Velox 22mm rim strip	541 mm E.R.D.
Spokes	DT 14/15G butted stainless, ProLock alloy nipples	
Front tire	Klein Deathgrip, folding	26 x 2.35
Rear tire	Klein Deathgrip, folding	26 x 2.35
Inner tubes	Presta valve	

OTHER

Seatpost	Bontrager Select	31.6 mm outer diameter
Saddle	Bontrager FS 2000, Cro-Moly	
Seatpost binder	Alloy w/integral bolt	38.3 mm inner diameter
Brakes	Avid Single Digit 3, linear pull	
Pedals	Shimano SPD M505, clipless	9/16” axle
Additionals	2 water bottle mounts, Wrench Force pump,	
Bike weight	28.8 lb/13.08 kg	

FIT *dimensions in MM, unless specified*

Frame	Size	16	17.5	19	21
Rider height, in.		68.2	71.6	73.0	76.1
	cm	173	182	185	193
Handlebar	width	600	600	600	600
Handlebar	rise	0			
Stem	length	90	120	120	135
	angle	10	10	10	10
Headset spacers		30	30	30	30
Crank	length	175	175	175	175
Seatpost	length	330	330	400	400
Steerer	length	184.0	199.0	219.0	259.0

GEOMETRY *dimensions in MM, unless specified*

Head tube angle	71.0	71.0	71.0	71.0
Fork offset	38.0	38.1	38.1	38.1
Trail	75	75	75	75
Seat tube angle	75.8	76.0	75.9	75.5
Effective top tube	568	575	584	594
Seat tube	407	445	483	533
Standover	749	760	776	825
Wheelbase	1088	1099	1108	1118
Bottom bracket height	310	310	310	310
Chainstay	439	439	439	439
Head tube	90	105	125	165

GEARING

	22	**32**	**44**
11	52	76	105
13	44	65	89
15	38	56	77
17	34	49	68
20	29	42	58
23	25	36	50
26	22	32	44
30	19	28	38
34	17	25	34

Klein Palomino V Disc *4155600*14.123*

FRAMESET

Main tubes	ZR9000	
Stays	ZR9000	
Color	Blue Linear	
Fork	Fox Float R	100 mm travel, 471.0 mm axle-crown length
Rear shock	Fox Palomino custom, air spring, adj. rebound damping	2.36 stroke
Headset	Alloy aheadset, semi-cartridge	25.4/34.0/30.0, 27.2 mm stack height

CONTROLS

Handlebar	Bontrager Select	25.4 mm clamp diameter
Stem	Bontrager Race	41.0 mm steerer clamp height
Shift levers	Shimano Deore LX RapidFire+	
Brake levers	Hydraulic, attached to brake	
Grips	Klein Instinct	

DRIVETRAIN

Front derailleur	Shimano Deore LX	Down pull, Plate style attachment
Rear derailleur	Shimano Deore XT SGS	
Crankset	Shimano Deore LX 44/32/22	64/104 mm bolt hole circle
Bottom bracket	Shimano BB-ES51 E-type	73 x 126 (shell x axle, mm), Shimano splined axle
Chain	Shimano HG-73	9 speed, 112 links
Cassette	SRAM 7.0 11-34, 9spd	

WHEELSET

Front wheel	Bontrager Select ATB, disc compatible, 28° 268/268 mm 3x spokes, Velox 22mm rim strip	541mm E.R.D.
Rear wheel	Bontrager Select ATB, disc compatible, 28° 267/268 mm 3x rear spokes, Velox 22mm rim strip	541 mm E.R.D.
Spokes	DT 14/15G butted stainless, ProLock alloy nipples	
Front tire	Klein Deathgrip, folding	26 x 2.35
Rear tire	Klein Deathgrip, folding	26 x 2.35
Inner tubes	Presta valve	

OTHER

Seatpost	Bontrager Select	31.6 mm outer diameter
Saddle	Bontrager FS 2000, Cro-Moly	
Seatpost binder	Alloy w/integral bolt	38.3 mm inner diameter
Brakes	Hayes HFX-9, hydraulic disc	6.3 in. disc, 44mm BCD
Pedals	Shimano SPD M505, clipless	9/16" axle
Additionals	2 water bottle mounts, Wrench Force pump,	
Bike weight	29.3 lb/13.30 kg	

Frame	Size	16	17.5	19	21
Front disc hose, mm		690	690	750	750
Rear disc hose, mm		1280	1280	1350	1350

FIT *dimensions in MM, unless specified*

Frame	Size	16	17.5	19	21
Rider height, in.		68.2	71.6	73.0	76.1
	cm	173	182	185	193
Handlebar	width	600	600	600	600
Handlebar	rise	0			
Stem	length	90	120	120	135
	angle	10	10	10	10
Headset spacers		30	30	30	30
Crank	length	175	175	175	175
Seatpost	length	330	330	400	400
Steerer	length	184.2	199.2	219.2	259.2

GEOMETRY *dimensions in MM, unless specified*

Head tube angle	71.0	71.0	71.0	71.0
Fork offset	38.0	38.1	38.1	38.1
Trail	75	75	75	75
Seat tube angle	75.8	76.0	75.9	75.5
Effective top tube	568	575	584	594
Seat tube	407	445	483	533
Standover	749	760	776	825
Wheelbase	1088	1099	1108	1118
Bottom bracket height	310	310	310	310
Chainstay	439	439	439	439
Head tube	90	105	125	165

GEARING

	22	**32**	**44**
11	52	76	105
13	44	65	89
15	38	56	77
17	34	49	68
20	29	42	58
23	25	36	50
26	22	32	44
30	19	28	38
34	17	25	34

Klein Palomino X *4156600*14.123*

FRAMESET

Main tubes	ZR9000	
Stays	ZR9000	
Color	Silver Storm	
Fork	Fox Float RL	100 mm travel, 471.0 mm axle-crown length
Rear shock	Fox Palomino custom, air spring, adj. rebound damping	2.36 stroke, length, width, eyes
Headset	Alloy aheadset, semi-cartridge	25.4/34.0/30.0, 27.2 mm stack height

CONTROLS

Handlebar	Bontrager Race	25.4 mm clamp diameter
Stem	Bontrager Race	41.0 mm steerer clamp height
Shift levers	SRAM X-9 Triggers	
Brake levers	Avid FR-1	
Grips	Klein Instinct	

DRIVETRAIN

Front derailleur	Shimano Deore XT	Down pull, Plate style attachment
Rear derailleur	SRAM RD X.0 1:1 Alloy	
Crankset	Shimano Deore LX 44/32/22	64/104 mm bolt hole circle
Bottom bracket	Shimano BB-ES51 E-type	73 x 126 (shell x axle, mm), Shimano splined axle
Chain	Shimano HG-73	9 speed, 112 links
Cassette	SRAM 7.0 11-34, 9spd	

WHEELSET

Front wheel	Bontrager Race ATB Disc, tubeless compatible, 28° 267/266 mm 3x spokes, tubeless assymetric rim strip	542mm E.R.D.
Rear wheel	Bontrager Race ATB Disc, tubeless compatible, 28° 267/268 mm 3x rear spokes, tubeless assymetric rim strip	542 mm E.R.D.
Spokes	DT 14/15G butted stainless, ProLock alloy nipples	
Front tire	Bontrager Super-X Lite, tubeless	26 x 2.1
Rear tire	Bontrager Super-X Lite, tubeless	26 x 2.1

OTHER

Seatpost	Bontrager Race	31.6 mm outer diameter
Saddle	Bontrager FS 2000, Cro-Moly/leather	
Seatpost binder	Alloy w/integral bolt	38.3 mm inner diameter
Brakes	Avid Single Digit 5, linear pull	
Pedals	Shimano SPD M520, clipless	9/16" axle
Additionals	2 water bottle mounts, Wrench Force pump,	
Bike weight	28.3 lb/12.85 kg	

FIT *dimensions in MM, unless specified*

Frame	Size	16	17.5	19	21
Rider height, in.		69.0	71.6	73.0	75.7
	cm	175	182	185	192
Handlebar	width	600	600	600	600
Handlebar	rise	0			
Stem	length	100	120	120	130
	angle	10	10	10	10
Headset spacers		30	30	30	30
Crank	length	175	175	175	175
Seatpost	length	330	330	400	400
Steerer	length	184.2	199.2	219.2	259.2

GEOMETRY *dimensions in MM, unless specified*

Head tube angle	71.0	71.0	71.0	71.0
Fork offset	38.0	38.1	38.1	38.1
Trail	75	75	75	75
Seat tube angle	75.8	76.0	75.9	75.5
Effective top tube	568	575	584	594
Seat tube	407	445	483	533
Standover	749	760	776	825
Wheelbase	1088	1099	1108	1118
Bottom bracket height	310	310	310	310
Chainstay	439	439	439	439
Head tube	90	105	125	165

GEARING

	22	32	44
11	52	76	105
13	44	65	89
15	38	56	77
17	34	49	68
20	29	42	58
23	25	36	50
26	22	32	44
30	19	28	38
34	17	25	34

Klein Palomino XV Disc *4157600*14.123*

FRAMESET

Main tubes	ZR9000	
Stays	ZR9000	
Color	Bodega Black	
Fork	Fox Float RLT	100 mm travel, 471.0 mm axle-crown length
Rear shock	Fox Palomino custom, air spring, adj. rebound damping	2.36 stroke
Headset	Alloy aheadset, semi-cartridge	25.4/34.0/30.0, 27.2 mm stack height

CONTROLS

Handlebar	Bontrager Race	25.4 mm clamp diameter
Stem	Bontrager Race	41.0 mm steerer clamp height
Shift levers	Shimano Deore XT, Dual Control	
Brake levers	Hydraulic, attached to brake	
Grips	Klein Instinct	

DRIVETRAIN

Front derailleur	Shimano Deore XT	Down pull, Plate style attachment
Rear derailleur	Shimano Deore XT SGS	
Crankset	Shimano Deore XT 44/32/22	146/102/64 mm bolt hole circle
Bottom bracket	Shimano Deore XT, integral axle	135.5mm English (shell x axle, mm), Integral axle
Chain	Shimano HG-73	9 speed, 112 links
Cassette	Shimano Deore XT 11-34, 9spd	

WHEELSET

Front wheel	Bontrager Race ATB Disc, tubeless compatible, 28° 267/266 mm 3x spokes, tubeless assymetric rim strip	542mm E.R.D.
Rear wheel	Bontrager Race ATB Disc, tubeless compatible, 28° 267/268 mm 3x rear spokes, tubeless assymetric rim strip	542 mm E.R.D.
Spokes	DT 14/15G butted stainless, ProLock alloy nipples	
Front tire	Bontrager Super-X Lite, tubeless	26 x 2.1
Rear tire	Bontrager Super-X Lite, tubeless	26 x 2.1

OTHER

Seatpost	Bontrager Race	31.6 mm outer diameter
Saddle	Bontrager FS 2000, Cro-Moly/leather	
Seatpost binder	Alloy w/integral bolt	38.3 mm inner diameter
Brakes	Shimano Deore XT, hydraulic disc	160mm disc, 44mm BCD

Frame Size	16	17.5	19	21
Front disc hose, mm	650	750	750	750
Rear disc hose, mm	1350	1350	1400	1400

Pedals	Shimano SPD M520, clipless	9/16" axle
Additionals	2 water bottle mounts,Wrench Force pump,	
Bike weight	28.1 lb/12.76 kg	

FIT *dimensions in MM, unless specified*

Frame	Size	16	17.5	19	21
Rider height, in.		69.0	71.6	73.0	75.7
	cm	175	182	185	192
Handlebar	width	600	600	600	600
Handlebar	rise	0			
Stem	length	100	120	120	130
	angle	10	10	10	10
Headset spacers		30	30	30	30
Crank	length	175	175	175	175
Seatpost	length	330	330	400	400
Steerer	length	184.2	199.2	219.2	259.2

GEOMETRY *dimensions in MM, unless specified*

	16	17.5	19	21
Head tube angle	71.0	71.0	71.0	71.0
Fork offset	38.0	38.1	38.1	38.1
Trail	75	75	75	75
Seat tube angle	75.8	76.0	75.9	75.5
Effective top tube	568	575	584	594
Seat tube	407	445	483	533
Standover	749	760	776	825
Wheelbase	1088	1099	1108	1118
Bottom bracket height	310	310	310	310
Chainstay	439	439	439	439
Head tube	90	105	125	165

GEARING

	22	32	44
11	52	76	105
13	44	65	89
15	38	56	77
17	34	49	68
20	29	42	58
23	25	36	50
26	22	32	44
30	19	28	38
34	17	25	34

Klein Palomino XX Disc *4158600*14.123*

FRAMESET

Main tubes	ZR9000	
Stays	ZR9000	
Color	Silver Cloud	
Fork	Fox Float F100X	100 mm travel, 471.0 mm axle-crown length
Rear shock	Fox Palomino custom, air spring, adj. rebound damping	2.36 stroke
Headset	Cane Creek S-6 Aheadset, alloy	25.4/34.0/30.0, 27.1 mm stack height

CONTROLS

Handlebar	Bontrager Race XXX Lite	31.8 mm clamp diameter
Stem	Bontrager Race XXX Lite	40.0 mm steerer clamp height
Shift levers	Shimano Deore XT, Dual Control	
Brake levers	Hydraulic, attached to brake	
Grips	Klein Instinct	

DRIVETRAIN

Front derailleur	Shimano XTR	Down pull, Plate style attachment
Rear derailleur	Shimano XTR Rapid Rise	
Crankset	Shimano XTR 44/32/22	Splined/112/68 mm bolt hole circle
Bottom bracket	Shimano XTR, integral axle	Integral axle
Chain	Shimano Dura-Ace	9 speed, 112 links
Cassette	Shimano XTR 11-34, 9spd	

WHEELSET

Front wheel	Bontrager Race X Lite Disc, tubeless compatible, 28° 256/260 mm 3x spokes, tubeless assymetric rim strip	537mm E.R.D.
Rear wheel	Bontrager Race X Lite Disc, tubeless compatible, 28° 256/256 mm 3x rear spokes, tubeless assymetric rim strip	537 mm E.R.D.
Spokes	DT Revolution 14/16G, ProLock alloy nipples	
Front tire	Bontrager Super-X Lite, tubeless	26 x 2.1
Rear tire	Bontrager Super-X Lite, tubeless	26 x 2.1

OTHER

Seatpost	Bontrager Race Lite	31.6 mm outer diameter
Saddle	Bontrager FS 2000, Cro-Moly/leather	
Seatpost binder	Alloy w/integral bolt	38.3 mm inner diameter
Brakes	Shimano XTR, hydraulic disc	160mm disc, 44mm BCD

Frame Size	16	17.5	19	21
Front disc hose, mm	750	750	750	750
Rear disc hose, mm	1400	1400	1400	1400

Pedals	Shimano SPD M520, clipless	9/16" axle
Additionals	2 water bottle mounts, Wrench Force pump,	
Bike weight	25.5 lb/11.58 kg	

FIT *dimensions in MM, unless specified*

Frame	Size	16	17.5	19	21
Rider height, in.		69.1	71.3	72.7	75.8
	cm	176	181	185	193
Handlebar	width	600	600	600	600
Handlebar	rise	0			
Stem	length	105	120	120	130
	angle	7	7	7	7
Headset spacers		30	30	30	30
Crank	length	175	175	175	175
Seatpost	length	330	330	400	400
Steerer	length	183.1	198.1	218.1	258.1

GEOMETRY *dimensions in MM, unless specified*

	16	17.5	19	21
Head tube angle	71.0	71.0	71.0	71.0
Fork offset	38.0	38.1	38.1	38.1
Trail	75	75	75	75
Seat tube angle	75.8	76.0	75.9	75.5
Effective top tube	568	575	584	594
Seat tube	407	445	483	533
Standover	749	760	776	825
Wheelbase	1088	1099	1108	1118
Bottom bracket height	310	310	310	310
Chainstay	439	439	439	439
Head tube	90	105	125	165

GEARING

	22	32	44
11	52	76	105
13	44	65	89
15	38	56	77
17	34	49	68
20	29	42	58
23	25	36	50
26	22	32	44
30	19	28	38
34	17	25	34

Klein Aura V *4452000*14.063*

FRAMESET

Main tubes	ZR9000 Gradient	
Stays	Carbon fiber composite/ ZR9000	
Color	Bodega Black	
Fork	Bontrager Race	370.0 mm axle-crown length
Headset	Cane Creek Internal	25.4/34.0/30.0, 8.0 mm stack height

CONTROLS

Handlebar	Bontrager Select	26.0 mm clamp diameter
Stem	Alloy quick change, direct connect	40.0 mm steerer clamp height
Shift levers	Shimano Tiagra STI Dual Control	
Brake levers	Integrated brake/shift	
Grips	Powercork	

DRIVETRAIN

Front derailleur	Shimano 105	Down pull, Braze-on type w/34.9mm clamp attachment
Rear derailleur	Shimano 105	
Crankset	Shimano 105 53/39	130 mm bolt hole circle
Bottom bracket	Shimano 105	68 x 109.5 (shell x axle, mm), Shimano splined axle
Chain	Shimano HG-73	9 speed, 108 links
Cassette	Shimano HG70 12-25, 9spd	

WHEELSET

Front wheel	Bontrager Select Road, 20°	593mm E.R.D.
	281 mm Radialx spokes, Velox 16mm rim strip	
Rear wheel	Bontrager Select Road, 24°	603 mm E.R.D.
	293/294 mm 2x rear spokes, Velox 16mm rim strip	
Spokes	DT 14g, ProLock brass nipples	
Front tire	Bontrager Race Lite	700 x 25c
Rear tire	Bontrager Race Lite	700 x 25c
Inner tubes	Presta valve, 48mm stem	

OTHER

Seatpost	Bontrager Sport	31.6 mm outer diameter
Saddle	CRZ+ Road, Cro-Moly rails	
Seatpost binder	Alloy w/integral bolt	36.4 mm inner diameter
Brakes	Shimano Tiagra	
Pedals	Shimano SPD M515, clipless	9/16" axle
Additionals	2 water bottle mounts	
Bike weight	19.8 lb/8.99 kg	

FIT *dimensions in MM, unless specified*

Frame	Size	49	52	55	58	61
Rider height, in.		66.4	67.8	70.9	74.1	75.9
	cm	169	172	180	188	193
Handlebar	width	400	420	420	440	460
Stem	length	85	85	100	110	110
	angle	17	17	17	17	17
Headset spacers		40	40	40	40	40
Crank	length	170	172.5	172.5	172.5	175
Seatpost	length	300	300	350	350	350
Steerer	length	180.5	202.0	230.0	257.0	287.5

GEOMETRY *dimensions in MM, unless specified*

Head tube angle	72.0	72.5	73.0	73.5	73.5
Fork offset	45.0	45.0	45.0	45.0	45.0
Trail	61	58	55	56	56
Seat tube angle	73.5	73.5	73.0	73.0	72.5
Effective top tube	530	545	565	585	605
Seat tube	481	485	493	510	537
Standover	718	726	742	760	786
Wheelbase	976	987	999	1010	1025
Bottom bracket height	260	260	263	263	265
Chainstay	414	414	414	414	414
Head tube	97	118	146	173	204

GEARING

	39	53
12	86	117
13	79	108
14	74	100
15	69	93
17	61	82
19	54	74
21	49	67
23	45	61
25	41	56

Klein Aura V T *4453000*14.093*

FRAMESET

Main tubes	ZR9000 Gradient	
Stays	Carbon fiber composite/ ZR9000	
Color	Bodega Black	
Fork	Bontrager Race	370.0 mm axle-crown length
Headset	Cane Creek Internal	25.4/34.0/30.0, 8.0 mm stack height

CONTROLS

Handlebar	Bontrager Select	26.0 mm clamp diameter
Stem	Alloy quick change, direct connect	40.0 mm steerer clamp height
Shift levers	Shimano Tiagra STI Dual Control	
Brake levers	Integrated brake/shift	
Grips	Powercork	

DRIVETRAIN

Front derailleur	Shimano 105 T	Down pull, Braze-on type w/34.9mm clamp attachment
Rear derailleur	Shimano 105 GS	
Crankset	Shimano 105 52/42/30	74/130 mm bolt hole circle
Bottom bracket	Shimano 105	68 x 118 (shell x axle, mm), Shimano splined axle
Chain	Shimano HG-73	9 speed, 108 links
Cassette	Shimano HG70 12-25, 9spd	

WHEELSET

Front wheel	Bontrager Select Road, 20°	593mm E.R.D.
	281 mm Radialx spokes, Velox 16mm rim strip	
Rear wheel	Bontrager Select Road, 24°	603 mm E.R.D.
	293/294 mm 2x rear spokes, Velox 16mm rim strip	
Spokes	DT 14g, ProLock brass nipples	
Front tire	Bontrager Race Lite	700 x 25c
Rear tire	Bontrager Race Lite	700 x 25c
Inner tubes	Presta valve, 48mm stem	

OTHER

Seatpost	Bontrager Sport	31.6 mm outer diameter
Saddle	CRZ+ Road, Cro-Moly rails	
Seatpost binder	Alloy w/integral bolt	36.4 mm inner diameter
Brakes	Shimano Tiagra	
Pedals	Shimano SPD M515, clipless	9/16" axle
Additionals	2 water bottle mounts	
Bike weight	20.3 lb/9.22 kg	

FIT *dimensions in MM, unless specified*

Frame	Size	49	52	55	58	61
Rider height, in.		66.4	67.8	70.9	74.1	75.9
	cm	169	172	180	188	193
Handlebar	width	400	420	420	440	460
Stem	length	85	85	100	110	110
	angle	17	17	17	17	17
Headset spacers		40	40	40	40	40
Crank	length	170	170	175	175	175
Seatpost	length	300	300	350	350	350
Steerer	length	180.5	202.0	230.0	257.0	287.5

GEOMETRY *dimensions in MM, unless specified*

Head tube angle	72.0	72.5	73.0	73.5	73.5
Fork offset	45.0	45.0	45.0	45.0	45.0
Trail	61	58	55	56	56
Seat tube angle	73.5	73.5	73.0	73.0	72.5
Effective top tube	530	545	565	585	605
Seat tube	481	485	493	510	537
Standover	718	726	742	760	786
Wheelbase	976	987	999	1010	1025
Bottom bracket height	260	260	263	263	265
Chainstay	414	414	414	414	414
Head tube	97	118	146	173	204

GEARING

	30	42	52
12	66	93	115
13	61	85	106
14	57	79	98
15	53	74	92
17	47	65	81
19	42	58	72
21	38	53	66
23	35	48	60
25	32	44	55

Klein Aura X *4454000*14.063*

FRAMESET

Main tubes	ZR9000 Gradient	
Stays	Carbon fiber composite/ ZR9000	
Color	Silver Cloud	
Fork	Bontrager Race	370.0 mm axle-crown length
Headset	Cane Creek Internal	25.4/34.0/30.0, 8.0 mm stack height

CONTROLS

Handlebar	Bontrager Select	26.0 mm clamp diameter
Stem	Bontrager Race	40.0 mm steerer clamp height
Shift levers	Shimano 105 STI, Flite Deck compatible	
Brake levers	Integrated brake/shift	
Grips	Powercork	

DRIVETRAIN

Front derailleur	Shimano Ultegra	Down pull, Braze-on type w/34.9mm clamp attachment
Rear derailleur	Shimano Ultegra	
Crankset	Shimano 105 53/39	130 mm bolt hole circle
Bottom bracket	Shimano 105	68 x 109.5 (shell x axle, mm), Shimano splined axle
Chain	Shimano HG-73	9 speed, 108 links
Cassette	Shimano HG70 12-25, 9spd	

WHEELSET

Front wheel	Bontrager Race Road, 20°	592mm E.R.D.
	279 mm Radialx spokes, Velox 16mm rim strip	
Rear wheel	Bontrager Race Road, 24°	595 mm E.R.D.
	291/291 mm 2x rear spokes, Velox 16mm rim strip	
Spokes	DT 14g, ProLock brass nipples	
Front tire	Bontrager Race Lite, folding	700 x 25c
Rear tire	Bontrager Race Lite, folding	700 x 25c
Inner tubes	Presta valve, 48mm stem	

OTHER

Seatpost	Bontrager Sport	31.6 mm outer diameter
Saddle	CRZ+ Road, Cro-Moly rails	
Seatpost binder	Alloy w/integral bolt	36.4 mm inner diameter
Brakes	Shimano 105	
Pedals	Shimano SPD M515, clipless	9/16" axle
Additionals	2 water bottle mounts	
Bike weight	20.0 lb/9.08 kg	

FIT *dimensions in MM, unless specified*

Frame	Size	49	52	55	58	61
Rider height, in.		66.0	67.6	71.1	74.2	75.6
	cm	168	172	181	188	192
Handlebar	width	400	420	420	440	460
Stem	length	80	80	100	110	110
	angle	7	7	7	7	7
Headset spacers		40	40	40	40	40
Crank	length	170	170	172.5	172.5	175
Seatpost	length	300	300	350	350	350
Steerer	length	180.5	202.0	230.0	257.0	287.5

GEOMETRY *dimensions in MM, unless specified*

Head tube angle	72.0	72.5	73.0	73.5	73.5
Fork offset	45.0	45.0	45.0	45.0	45.0
Trail	61	58	55	56	56
Seat tube angle	73.5	73.5	73.0	73.0	72.5
Effective top tube	530	545	565	585	605
Seat tube	481	485	493	510	537
Standover	718	726	742	760	786
Wheelbase	976	987	999	1010	1025
Bottom bracket height	260	260	263	263	265
Chainstay	414	414	414	414	414
Head tube	97	118	146	173	204

GEARING

	39	**53**
12	86	117
13	79	108
14	74	100
15	69	93
17	61	82
19	54	74
21	49	67
23	45	61
25	41	56

Klein Aura X T *4455000*14.093*

FRAMESET

Main tubes	ZR9000 Gradient	
Stays	Carbon fiber composite/ ZR9000	
Color	Silver Cloud	
Fork	Bontrager Race	370.0 mm axle-crown length
Headset	Cane Creek Internal	25.4/34.0/30.0, 8.0 mm stack height

CONTROLS

Handlebar	Bontrager Select	26.0 mm clamp diameter
Stem	Bontrager Race	40.0 mm steerer clamp height
Shift levers	Shimano 105 STI, Flite Deck compatible	
Brake levers	Integrated brake/shift	
Grips	Powercork	

DRIVETRAIN

Front derailleur	Shimano Ultegra T	Down pull, Braze-on type w/34.9mm clamp attachment
Rear derailleur	Shimano Ultegra GS	
Crankset	Shimano 105 52/42/30	74/130 mm bolt hole circle
Bottom bracket	Shimano 105	68 x 118 (shell x axle, mm), Shimano splined axle
Chain	Shimano HG-73	9 speed, 108 links
Cassette	Shimano HG70 12-25, 9spd	

WHEELSET

Front wheel	Bontrager Race Road, 20° 279 mm Radialx spokes, Velox 16mm rim strip	592mm E.R.D.
Rear wheel	Bontrager Race Road, 24° 291/291 mm 2x rear spokes, Velox 16mm rim strip	595 mm E.R.D.
Spokes	DT 14g, ProLock brass nipples	
Front tire	Bontrager Race Lite, folding	700 x 25c
Rear tire	Bontrager Race Lite, folding	700 x 25c
Inner tubes	Presta valve, 48mm stem	

OTHER

Seatpost	Bontrager Sport	31.6 mm outer diameter
Saddle	CRZ+ Road, Cro-Moly rails	
Seatpost binder	Alloy w/integral bolt	36.4 mm inner diameter
Brakes	Shimano 105	
Pedals	Shimano SPD M515, clipless	9/16” axle
Additionals	2 water bottle mounts	
Bike weight	20.2 lb/9.17 kg	

FIT *dimensions in MM, unless specified*

Frame	Size	49	52	55	58	61
Rider height, in.		66.0	67.6	71.1	74.2	75.6
	cm	168	172	181	188	192
Handlebar	width	400	420	420	440	460
Stem	length	80	80	100	110	110
	angle	7	7	7	7	7
Headset spacers		40	40	40	40	40
Crank	length	170	170	175	175	175
Seatpost	length	300	300	350	350	350
Steerer	length	180.5	202.0	230.0	257.0	287.5

GEOMETRY *dimensions in MM, unless specified*

Head tube angle	72.0	72.5	73.0	73.5	73.5
Fork offset	45.0	45.0	45.0	45.0	45.0
Trail	61	58	55	56	56
Seat tube angle	73.5	73.5	73.0	73.0	72.5
Effective top tube	530	545	565	585	605
Seat tube	481	485	493	510	537
Standover	718	726	742	760	786
Wheelbase	976	987	999	1010	1025
Bottom bracket height	260	260	263	263	265
Chainstay	414	414	414	414	414
Head tube	97	118	146	173	204

GEARING

	30	42	52
12	66	93	115
13	61	85	106
14	57	79	98
15	53	74	92
17	47	65	81
19	42	58	72
21	38	53	66
23	35	48	60
25	32	44	55

Klein Aura XV *4458000*14.073*

FRAMESET

Main tubes	ZR9000 Gradient	
Stays	Carbon fiber composite/ ZR9000	
Color	Blue Linear	
Fork	Bontrager Race Lite	370.0 mm axle-crown length
Headset	Cane Creek Internal	25.4/34.0/30.0, 8.0 mm stack height

CONTROLS

Handlebar	Bontrager Race	26.0 mm clamp diameter
Stem	Bontrager Race	40.0 mm steerer clamp height
Shift levers	Shimano Ultegra STI, Flite Deck compatible	
Brake levers	Integrated brake/shift	
Grips	Powercork	

DRIVETRAIN

Front derailleur	Shimano Ultegra	Down pull, Braze-on type w/34.9mm clamp attachment
Rear derailleur	Shimano Ultegra	
Crankset	Shimano Ultegra 53/39	130 mm bolt hole circle
Bottom bracket	Shimano 105	68 x 109.5 (shell x axle, mm), Shimano splined axle
Chain	Shimano HG-73	9 speed, 108 links
Cassette	Shimano HG70 12-25, 9spd	

WHEELSET

Front wheel	Bontrager Race Lite Road, 20°	592mm E.R.D.
	279 mm Radialx spokes, Velox 16mm rim strip	
Rear wheel	Bontrager Race Lite Road, 24°	595 mm E.R.D.
	291/291 mm 2x rear spokes, Velox 16mm rim strip	
Spokes	DT New Aero, ProLock alloy nipples	
Front tire	Bontrager Race X Lite, folding	700 x 23c
Rear tire	Bontrager Race X Lite, folding	700 x 23c
Inner tubes	Presta valve, ultra light	

OTHER

Seatpost	Bontrager Race	31.6 mm outer diameter
Saddle	SSM Era Luxe, CrMo/leather	
Seatpost binder	Alloy w/integral bolt	36.4 mm inner diameter
Brakes	Shimano Ultegra	
Pedals	-not supplied-	9/16” axle
Additionals	2 water bottle mounts	

FIT *dimensions in MM, unless specified*

Frame	Size	49	52	55	58	61
Rider height, in.		66.0	67.6	71.1	74.2	75.6
	cm	168	172	181	188	192
Handlebar	width	400	420	420	440	460
Stem	length	80	80	100	110	110
	angle	7	7	7	7	7
Headset spacers		40	40	40	40	40
Crank	length	170	170	172.5	172.5	175
Seatpost	length	250	250	330	330	330
Steerer	length	180.5	202.0	230.0	257.0	287.5

GEOMETRY *dimensions in MM, unless specified*

Head tube angle	72.0	72.5	73.0	73.5	73.5
Fork offset	45.0	45.0	45.0	45.0	45.0
Trail	61	58	55	56	56
Seat tube angle	73.5	73.5	73.0	73.0	72.5
Effective top tube	530	545	565	585	605
Seat tube	481	485	493	510	537
Standover	718	726	742	760	786
Wheelbase	976	987	999	1010	1025
Bottom bracket height	260	260	263	263	265
Chainstay	414	414	414	414	414
Head tube	97	118	146	173	204

GEARING

	39	**53**
12	86	117
13	79	108
14	74	100
15	69	93
17	61	82
19	54	74
21	49	67
23	45	61
25	41	56

Klein Aura XV T *4459000*14.073*

FRAMESET

Main tubes	ZR9000 Gradient	
Stays	Carbon fiber composite/ ZR9000	
Color	Blue Linear	
Fork	Bontrager Race Lite	370.0 mm axle-crown length
Headset	Cane Creek Internal	25.4/34.0/30.0, 8.0 mm stack height

CONTROLS

Handlebar	Bontrager Race	26.0 mm clamp diameter
Stem	Bontrager Race	40.0 mm steerer clamp height
Shift levers	Shimano Ultegra STI, Flite Deck compatible	
Brake levers	Integrated brake/shift	
Grips	Powercork	

DRIVETRAIN

Front derailleur	Shimano Ultegra T	Down pull, Braze-on type w/34.9mm clamp attachment
Rear derailleur	Shimano Ultegra GS	
Crankset	Shimano Ultegra 52/42/30	74/130 mm bolt hole circle
Bottom bracket	Shimano 105	68 x 118 (shell x axle, mm), Shimano splined axle
Chain	Shimano HG-73	9 speed, 108 links
Cassette	Shimano HG70 12-25, 9spd	

WHEELSET

Front wheel	Bontrager Race Lite Road, 20°	592mm E.R.D.
	279 mm Radialx spokes, Velox 16mm rim strip	
Rear wheel	Bontrager Race Lite Road, 24°	595 mm E.R.D.
	291/291 mm 2x rear spokes, Velox 16mm rim strip	
Spokes	DT New Aero, ProLock alloy nipples	
Front tire	Bontrager Race X Lite, folding	700 x 23c
Rear tire	Bontrager Race X Lite, folding	700 x 23c
Inner tubes	Presta valve, ultra light	

OTHER

Seatpost	Bontrager Race	31.6 mm outer diameter
Saddle	SSM Era Luxe, CrMo/leather	
Seatpost binder	Alloy w/integral bolt	36.4 mm inner diameter
Brakes	Shimano Ultegra	
Pedals	-not supplied-	9/16" axle
Additionals	2 water bottle mounts	
Bike weight	18.0 lb/8.17 kg	

FIT *dimensions in MM, unless specified*

Frame	Size	49	52	55	58	61
Rider height, in.		66.0	67.6	71.1	74.2	75.6
	cm	168	172	181	188	192
Handlebar	width	400	420	420	440	460
Stem	length	80	80	100	110	110
	angle	7	7	7	7	7
Headset spacers		40	40	40	40	40
Crank	length	170	170	172.5	172.5	175
Seatpost	length	250	250	330	330	330
Steerer	length	180.5	202.0	230.0	257.0	287.5

GEOMETRY *dimensions in MM, unless specified*

Head tube angle	72.0	72.5	73.0	73.5	73.5
Fork offset	45.0	45.0	45.0	45.0	45.0
Trail	61	58	55	56	56
Seat tube angle	73.5	73.5	73.0	73.0	72.5
Effective top tube	530	545	565	585	605
Seat tube	481	485	493	510	537
Standover	718	726	742	760	786
Wheelbase	976	987	999	1010	1025
Bottom bracket height	260	260	263	263	265
Chainstay	414	414	414	414	414
Head tube	97	118	146	173	204

GEARING

	30	42	52
12	66	93	115
13	61	85	106
14	57	79	98
15	53	74	92
17	47	65	81
19	42	58	72
21	38	53	66
23	35	48	60
25	32	44	55

Klein Q-Pro XV *4464000*14.093*

FRAMESET

Main tubes	ZR9000 Gradient	
Stays	Carbon fiber composite/ ZR9000	
Color	Silver Storm	
Fork	Klein Aeros carbon composite 110GSM	377 mm axle-crown length
Headset	Klein Airheadset lower/ Cane Creek integrated upper	25.4/34.0-1.75"/33.4, 6.5 mm stack height

CONTROLS

Handlebar	Bontrager Race Lite Flat Top	31.8 mm clamp diameter
Stem	Bontrager Race Lite	40.0 mm steerer clamp height
Shift levers	Shimano Ultegra STI, Flite Deck compatible	
Brake levers	Integrated brake/shift	
Grips	Bontrager Gel	

DRIVETRAIN

Front derailleur	Shimano Ultegra	Down pull, Braze-on type w/34.9mm clamp attachment
Rear derailleur	Shimano Ultegra	
Crankset	Shimano Ultegra 53/39	130 mm bolt hole circle
Bottom bracket	Shimano 105	68 x 109.5 (shell x axle, mm), Shimano splined axle
Chain	Shimano HG-93	9 speed, 108 links
Cassette	Shimano Ultegra 12-25, 9spd	

WHEELSET

Front wheel	Bontrager Race Lite Road, 20°	592mm E.R.D.
	279 mm Radialx spokes, Velox 16mm rim strip	
Rear wheel	Bontrager Race Lite Road, 24°	595 mm E.R.D.
	291/291 mm 2x rear spokes, Velox 16mm rim strip	
Spokes	DT New Aero, ProLock alloy nipples	
Front tire	Bontrager Race X Lite, folding	700 x 23c
Rear tire	Bontrager Race X Lite, folding	700 x 23c
Inner tubes	Presta valve, ultra light	

OTHER

Seatpost	Bontrager Race	31.6 mm outer diameter
Saddle	SSM Era Luxe, CrMo/leather	
Seatpost binder	Alloy w/integral bolt	36.4 mm inner diameter
Brakes	Shimano Ultegra	
Pedals	-not supplied-	9/16" axle
Additionals	2 water bottle mounts	
Bike weight	18.3 lb/8.31 kg	

FIT *dimensions in MM, unless specified*

Frame	Size	49	52	54	56	58	61
Rider height, in.		64.9	66.7	69.8	72.1	74.4	76.7
	cm	165	169	177	183	189	195
Handlebar	width	400	400	420	420	440	460
Stem	length	70	70	90	100	110	110
	angle	7	7	7	7	7	7
Headset spacers		40	40	40	40	40	40
Crank	length	170	170	172.5	172.5	175	175
Seatpost	length	250	250	250	250	250	250
Steerer	length	174.0	191	210	226.5	247.0	281.5

GEOMETRY *dimensions in MM, unless specified*

Head tube angle	72.5	72.7	72.8	73.9	73.9	74.0
Fork offset	41.0	41.0	41.0	35.0	35.0	35.0
Trail	64	63	62	62	62	61
Seat tube angle	74.0	73.5	73.5	73.5	73.3	73.3
Effective top tube	524	547	560	572	587	606
Seat tube	444	500	567	587	608	638
Standover	691	734	786	819	828	860
Wheelbase	964	983	996	993	1006	1025
Bottom bracket height	260	263	265	267	269	272
Chainstay	414	414	414	414	414	414
Head tube	92	109	128	144	168	199

GEARING

	39	**53**
12	86	117
13	79	108
14	74	100
15	69	93
17	61	82
19	54	74
21	49	67
23	45	61
25	41	56

Klein Q-Pro XV T *4465000*14.093*

FRAMESET

Main tubes	ZR9000 Gradient	
Stays	Carbon fiber composite/ ZR9000	
Color	Silver Storm	
Fork	Klein Aeros carbon composite 110GSM	377 mm axle-crown length
Headset	Klein Airheadset lower/ Cane Creek integrated upper	25.4/34.0-1.75"/33.4, 6.5 mm stack height

CONTROLS

Handlebar	Bontrager Race Lite Flat Top	31.8 mm clamp diameter
Stem	Bontrager Race Lite	40.0 mm steerer clamp height
Shift levers	Shimano Ultegra STI, Flite Deck compatible	
Brake levers	Integrated brake/shift	
Grips	Bontrager Gel	

DRIVETRAIN

Front derailleur	Shimano Ultegra T	Down pull, Braze-on type w/34.9mm clamp attachment
Rear derailleur	Shimano Ultegra GS	
Crankset	Shimano Ultegra 52/42/30	74/130 mm bolt hole circle
Bottom bracket	Shimano 105	68 x 118 (shell x axle, mm), Shimano splined axle
Chain	Shimano HG-93	9 speed, 108 links
Cassette	Shimano Ultegra 12-25, 9spd	

WHEELSET

Front wheel	Bontrager Race Lite Road, 20°	592mm E.R.D.
	279 mm Radialx spokes, Velox 16mm rim strip	
Rear wheel	Bontrager Race Lite Road, 24°	595 mm E.R.D.
	291/291 mm 2x rear spokes, Velox 16mm rim strip	
Spokes	DT New Aero, ProLock alloy nipples	
Front tire	Bontrager Race X Lite, folding	700 x 23c
Rear tire	Bontrager Race X Lite, folding	700 x 23c
Inner tubes	Presta valve, ultra light	

OTHER

Seatpost	Bontrager Race	31.6 mm outer diameter
Saddle	SSM Era Luxe, CrMo/leather	
Seatpost binder	Alloy w/integral bolt	36.4 mm inner diameter
Brakes	Shimano Ultegra	
Pedals	-not supplied-	9/16" axle
Additionals	2 water bottle mounts	
Bike weight	18.3 lb/8.31 kg	

FIT *dimensions in MM, unless specified*

Frame	Size	49	52	54	56	58	61
Rider height, in.		64.9	66.7	69.8	72.1	74.4	76.7
	cm	165	169	177	183	189	195
Handlebar	width	400	400	420	420	440	460
Stem	length	70	70	90	100	110	110
	angle	7	7	7	7	7	7
Headset spacers		40	40	40	40	40	40
Crank	length	170	170	172.5	172.5	175	175
Seatpost	length	250	250	250	250	250	250
Steerer	length	174.0	191	210	226.5	247.0	281.5

GEOMETRY *dimensions in MM, unless specified*

Head tube angle	72.5	72.7	72.8	73.9	73.9	74.0
Fork offset	41.0	41.0	41.0	35.0	35.0	35.0
Trail	64	63	62	62	62	61
Seat tube angle	74.0	73.5	73.5	73.5	73.3	73.3
Effective top tube	524	547	560	572	587	606
Seat tube	444	500	567	587	608	638
Standover	691	734	786	819	828	860
Wheelbase	964	983	996	993	1006	1025
Bottom bracket height	260	263	265	267	269	272
Chainstay	414	414	414	414	414	414
Head tube	92	109	128	144	168	199

GEARING

	30	42	52
12	66	93	115
13	61	85	106
14	57	79	98
15	53	74	92
17	47	65	81
19	42	58	72
21	38	53	65
23	35	48	60
25	32	44	55

Klein Q-Pro XX *4468000*14.093*

FRAMESET

Main tubes	ZR9000 Gradient	
Stays	Carbon fiber composite/ ZR9000	
Color	Fision	
Fork	Klein Aeros carbon composite 110GSM	377 mm axle-crown length
Headset	Klein Airheadset lower/ Cane Creek integrated upper	25.4/34.0-1.75"/33.4 6.5 mm stack height

CONTROLS

Handlebar	Bontrager Race Lite Flat Top	31.8 mm clamp diameter
Stem	Bontrager Race Lite	40.0 mm steerer clamp height
Shift levers	Shimano Dura-Ace STI, Flite Deck compatible	
Brake levers	Integrated brake/shift	
Grips	Bontrager Gel	

DRIVETRAIN

Front derailleur	Shimano Dura-Ace	Down pull, Braze-on type w/34.9mm clamp attachment
Rear derailleur	Shimano Dura-Ace	
Crankset	Shimano Dura-Ace 53/39	130 mm bolt hole circle
Bottom bracket	Shimano Dura-Ace, integral axle	Integral axle
Chain	Shimano Dura-Ace	10 speed, 108 links
Cassette	Shimano Dura-Ace 11-23, 10spd	

WHEELSET

Front wheel	Bontrager Race X Lite, 20° 286 mm Radialx spokes, Velox 16mm rim strip	592mm E.R.D.
Rear wheel	Bontrager Race X Lite, 24° 291/286 mm 2x/radialx rear spokes, Velox 16mm rim strip	595 mm E.R.D.
Spokes	DT Aerolite (New Aero rear drive), ProLock alloy nipples	
Front tire	Bontrager Race X Lite, folding	700 x 23c
Rear tire	Bontrager Race X Lite, folding	700 x 23c
Inner tubes	Presta valve, ultra light	

OTHER

Seatpost	Bontrager Race X Lite	31.6 mm outer diameter
Saddle	SSM Era Ti/leather	
Seatpost binder	Alloy w/integral bolt	36.4 mm inner diameter
Brakes	Shimano Dura-Ace	
Pedals	-not supplied-	9/16" axle
Additionals	2 water bottle mounts	
Bike weight	16.9 lb/7.67 kg	

FIT *dimensions in MM, unless specified*

Frame	Size	49	52	54	56	58	61
Rider height, in.		64.9	66.7	69.8	72.1	74.4	76.7
	cm	165	169	177	183	189	195
Handlebar	width	400	400	420	420	440	460
Stem	length	70	70	90	100	110	110
	angle	7	7	7	7	7	7
Headset spacers		40	40	40	40	40	40
Crank	length	170	170	172.5	172.5	175	175
Seatpost	length	250	250	250	250	250	250
Steerer	length	174.0	191	210	226.5	247.0	281.5

GEOMETRY *dimensions in MM, unless specified*

Head tube angle	72.5	72.7	72.8	73.9	73.9	74.0
Fork offset	41.0	41.0	41.0	35.0	35.0	35.0
Trail	64	63	62	62	62	61
Seat tube angle	74.0	73.5	73.5	73.5	73.3	73.3
Effective top tube	524	547	560	572	587	606
Seat tube	444	500	567	587	608	638
Standover	691	734	786	819	828	860
Wheelbase	964	983	996	993	1006	1025
Bottom bracket height	260	263	265	267	269	272
Chainstay	414	414	414	414	414	414
Head tube	92	109	128	144	168	199

GEARING

	39	**53**
11	94	127
12	86	117
13	79	108
14	74	100
15	69	93
16	64	88
17	61	82
19	54	74
21	49	67
23	45	61

Klein Q-Pro XX T *4469000*14.093*

FRAMESET

Main tubes	ZR9000 Gradient	
Stays	Carbon fiber composite/ ZR9000	
Color	Fision	
Fork	Klein Aeros carbon composite 110GSM	377 mm axle-crown length
Headset	Klein Airheadset lower/ Cane Creek integrated upper	25.4/34.0-1.75"/33.4, 6.5 mm stack height

CONTROLS

Handlebar	Bontrager Race Lite Flat Top	31.8 mm clamp diameter
Stem	Bontrager Race Lite	40.0 mm steerer clamp height
Shift levers	Shimano Dura-Ace STI, Flite Deck compatible	
Brake levers	Integrated brake/shift	
Grips	Bontrager Gel	

DRIVETRAIN

Front derailleur	Shimano Dura-Ace T	Down pull, Braze-on type w/34.9mm clamp attachment
Rear derailleur	Shimano Dura-Ace GS	
Crankset	Shimano Ultegra 52/42/30	74/130 mm bolt hole circle
Bottom bracket	Shimano 105	68 x 118 (shell x axle, mm), Shimano splined axle
Chain	Shimano Dura-Ace	10 speed, 108 links
Cassette	Shimano Dura-Ace 12-25, 10spd	

WHEELSET

Front wheel	Bontrager Race X Lite, 20°	592mm E.R.D.
	286 mm Radialx spokes, Velox 16mm rim strip	
Rear wheel	Bontrager Race X Lite, 24°	595 mm E.R.D.
	291/286 mm 2x/radialx rear spokes, Velox 16mm rim strip	
Spokes	DT Aerolite (New Aero rear drive), ProLock alloy nipples	
Front tire	Bontrager Race X Lite, folding	700 x 23c
Rear tire	Bontrager Race X Lite, folding	700 x 23c
Inner tubes	Presta valve, ultra light	

OTHER

Seatpost	Bontrager Race X Lite	31.6 mm outer diameter
Saddle	SSM Era Luxe, CrMo/leather	
Seatpost binder	Alloy w/integral bolt	36.4 mm inner diameter
Brakes	Shimano Dura-Ace	
Pedals	-not supplied-	9/16" axle
Additionals	2 water bottle mounts	
Bike weight	17.2 lb/7.81 kg	

FIT *dimensions in MM, unless specified*

Frame	Size	49	52	54	56	58	61
Rider height, in.		64.9	66.7	69.8	72.1	74.4	76.7
	cm	165	169	177	183	189	195
Handlebar	width	400	400	420	420	440	460
Stem	length	70	70	90	100	110	110
	angle	7	7	7	7	7	7
Headset spacers		40	40	40	40	40	40
Crank	length	170	170	172.5	172.5	175	175
Seatpost	length	250	250	250	250	250	250
Steerer	length	174.0	191	210	226.5	247.0	281.5

GEOMETRY *dimensions in MM, unless specified*

Head tube angle	72.5	72.7	72.8	73.9	73.9	74.0
Fork offset	41.0	41.0	41.0	35.0	35.0	35.0
Trail	64	63	62	62	62	61
Seat tube angle	74.0	73.5	73.5	73.5	73.3	73.3
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Standover	691	734	786	819	828	860
Wheelbase	964	983	996	993	1006	1025
Bottom bracket height	260	263	265	267	269	272
Chainstay	414	414	414	414	414	414
Head tube	92	109	128	144	168	199

GEARING

	30	42	52
12	66	93	115
13	61	85	106
14	57	79	98
15	53	74	92
17	47	65	81
19	42	58	72
21	38	53	65
23	35	48	60
25	32	44	55