

1. General info

Brand	Ridley
Model	Orion
First intro (modelyear?)	2019
Description (intended use of frame)	Road

2. Material

Frame material	30 ton High Modulus – High Resistance Carbon
	24 ton High Modulus Carbon

3. Weight

Frame	gr.
XXS	960
XS	980
S	1010
M	1040
L	1080
XL	1120
Weight fork	490

4. Cableparts

Cableparts Mec - Double Drivetrain

Article code	Description	Quantity	Position on frame
FRPSTORID006	Ridley Cable stopper int. Rout	1	Head tube left
CABSTIJAG037	Jagw - End cap 4 mm with liner	1	Head tube left
CABFRAJAG001	Jagw TubeTops mini protec BLA	1	Head tube left
FRPSTORID006	Ridley Cable stopper int. Rout	1	Head tube right
CABSTIJAG037	Jagw - End cap 4 mm with liner	1	Head tube right
CABFRAJAG001	Jagw TubeTops mini protec BLA	1	Head tube right
FRPSTORID006	Ridley Cable stopper int. Rout	1	Chainstay
CABSTIJAG038	Rain & dirt cable protector	1	Seattube
CBGR CERID017	Ridley cable guide X-Trail	1	BB
FRPGROJAG002	Jagwire plug flat top - Closed	1	Seat tube
FDCFEC4ZA003	Front Der-Clamp	1	Seat tube

Cableparts Mec - Double Drivetrain (SRAM only)

Article code	Description	Quantity	Position on frame
FRPSTORID006	Ridley Cable stopper int. Rout	1	Head tube left
CABSTIJAG037	Jagw - End cap 4 mm with liner	1	Head tube left
CABFRAJAG001	Jagw TubeTops mini protec BLA	1	Head tube left
FRPSTORID006	Ridley Cable stopper int. Rout	1	Head tube right
CABSTIJAG037	Jagw - End cap 4 mm with liner	1	Head tube right
CABFRAJAG001	Jagw TubeTops mini protec BLA	1	Head tube right
FRPSTORID006	Ridley Cable stopper int. Rout	1	Chainstay
CABSTIJAG038	Rain & dirt cable protector	1	Seattube
CBGR CERID017	Ridley cable guide X-Trail	1	BB
FRPGROJAG002	Jagwire plug flat top - Closed	1	Seat tube
FDCFEC4ZA003	Front Der-Clamp	1	Seat tube
FDCXTRRID001	Der-clamp front SPACER X-Trail	1	Seat tube

Cableparts DI2

Article code	Description	Quantity	Position on frame
FRPGRORID003	Curved plug H/T, closed	1	Head tube left
CABFRAJAG001	Jagw TubeTops mini protec BLA	1	Head tube left
FRPGRORID004	Curved plug H/T, open	1	Head tube right
CABFRAJAG001	Jagw TubeTops mini protec BLA	1	Head tube right
FRPGROJAG003	Jagwire plug flat top - 3 mm - 8 mm hole	1	Seat tube
FRPGRORID007	Rear dropout plug - 2,5mm - 7,6 mm hole	1	Rear dropout

FDCFEC4ZA003	Front Der-Clamp	1	Seat tube
SPTDI24ZA001	4ZA CIP Di2 Int Bat Adap 27,2 SEP	1	Seatpost

Cableparts EPS

Article code	Description	Quantity	Position on frame
FRPGRORID003	Curved plug H/T, closed	1	Head tube left
CABFRAJAG001	Jagw TubeTops mini protec BLA	1	Head tube left
FRPGRORID004	Curved plug H/T, open	1	Head tube right
CABFRAJAG001	Jagw TubeTops mini protec BLA	1	Head tube right
FRPGROJAG003	Jagwire plug flat top - 3 mm - 8 mm hole	1	Seat tube
FRPGRORID007	Rear dropout plug - 2,5mm - 7,6 mm hole	1	Rear dropout
FDCFEC4ZA003	Front Der-Clamp	1	Seat tube
SPTDI24ZA001	4ZA CIP Di2 Int Bat Adap 27,2 SEP	1	Seatpost

Cableparts 1x

Article code	Description	Quantity	Position on frame
FRPSTORID006	Ridley Cable stopper int. Rout	1	Head tube left
CABSTIJAG037	Jagw - End cap 4 mm with liner	1	Head tube left
CABFRAJAG001	Jagw TubeTops mini protec BLA	1	Head tube left
FRPGRORID003	Curved plug H/T, closed	1	Head tube right
CABFRAJAG001	Jagw TubeTops mini protec BLA	1	Head tube right
FRPSTORID006	Ridley Cable stopper int. Rout	1	Chainstay
CBGRCERID017	Ridley cable guide X-Trail	1	BB
FRPGROJAG002	Jagwire plug flat top - Closed	1	Seat tube
BLTNOBNOB049	Bottle screw 6sided-in M5 x 15 Black	2	Seat tube

Cableparts ETAP

Article code	Description	Quantity	Position on frame
FRPGRORID003	Curved plug H/T, closed	1	Head tube left
CABFRAJAG001	Jagw TubeTops mini protec BLA	1	Head tube left
FRPGRORID003	Curved plug H/T, closed	1	Head tube right
CABFRAJAG001	Jagw TubeTops mini protec BLA	1	Head tube right
FRPGROJAG002	Jagwire plug flat top - Closed	1	Seat tube
FRPGROJAG002	Jagwire plug flat top - Closed	1	Rear dropout
FDCFEC4ZA003	Front Der-Clamp	1	Seat tube

5. Parts

Fork

Material	
Fork legs	24 & 30 ton high Modulus Carbon
Steerer	24 & 30 ton high Modulus Carbon
Dimensions	24 & 30 ton high Modulus Carbon
Steerer tube length	TA12 mm / 100 mm
Bearings	300 mm
	45° Oversized angular contact bearing (S.H.I.S.: IS42/28,6 ISS2/40):
Rake	Lower bearing: 1 1/2" - Upper bearing: 1 1/8"
OLD (Over Lock Distance)	47 mm
MTB suspension fork travel	100 mm
	NVT

Headset

Headset diameter	28,6 mm
Headset type (article code)	HSERACFSA008
Headset description	Headset

Seatpostclamp

Seatpost diameter	27,2 mm
Seatpost clamp article code	SPCSNGNOB001
Seatpost clamp article description	Seat post clamp

Bottom bracket type/size

Type of bottom bracket (BSA, PF, ...)	PF86 mm
Width	86,5

Brakes

Brakes standard (disc/rim/DM))	DISC
Mounting bolts/nut	20mm bolts

6. Geometry

	A	B	C	C'	D	E	F	G	H	I	J	S	R
XXS	745	450	515	/	100	75	70,3	420	74	999	/	520	376
XS	775	480	525	/	120	74,5	71	420	74	999	/	542	375
S	805	510	545	/	140	73,5	71	422	72	1024	/	559	380
M	835	540	565	/	165	73	71,5	422	72	1023	/	584	386
L	865	570	585	/	195	72,5	71,5	422	70	1039	/	611	394
XL	895	600	600	/	220	72,5	72	422	70	1049	/	637	399

Derailleurs

Front derailleur type (braze/sidesw/clamp)	Braze on
Front Derailleur clamp article code	FDCFEC4ZA003
Front Derailleur clamp description	Front Der-Clamp
Hanger article code	HAAXTRRID001
Hanger description	AMP:Hanger XTR Carbon 12x142TA

Fenders

Art code	/
Tire width	/

6. Wheels and tyres

Frame

Wheel dimension	28 inch
Build in width	142 mm
Wheel axl diameter	TA12
Thru Axl Frame article code	QRET124ZA027
Length	167 mm
Pitch	

Fork

Wheel dimension	28 inch
Build in width	100 mm
Wheel axl diameter	TA12
Thru Axl Fork article code	QRET124ZA028
Length	120 mm
Pitch	1,5 mm

Tires

Maximum tyre size	38 mm
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