Need: Bike, soft case, hard case, luggage solution, water bottle, phone holder.

Maximal check in size: 62”=157.48cm. Maximal carry-on: 22”x14”x9”.

Current bike: Marin Muirwoods Black SM, probably <https://www.marinbikes.com/ca/bikes/2019-muirwoods>. Wheels 29”, crank length 175mm, crankset 48/36/26, cassette Shimano HG200 9-Speed 12/36, roughly 11-13-15-17-20-23-26-30-36. Start of day comfort at 36/15 at 70 gear inches, end-day comfort at 36/20 at 52 gear inches, climbing at 26/36 at 21 gear inches.

Gear inch calculator: <https://www.omnicalculator.com/sports/bike-gear-calculator>.

Dahon Mariner D8: 8 speed, gear inches 34-92.

Brampton 6 speed gear inches: 33.1-100. May be available in a 12% reduced version, 29.1-88”.

Also check Kwiggle.

Also check Birdy.

Also check Helix. Folded dimensions 63.5”. Good gear range. Start at C$4K. Not on market yet.

Also check Tern.

Also exists Moulton, <https://www.moultonbicycles.co.uk/>, disassembles rather than folds, too big.

Brompton Travel bag: size 168cm, weight 3.2kg, C$320@Curbside.

Brompton Bike Cover with Integrated Pouch: size 147cm.