Colours

GTRO is available in two colours – black or silver. Both glossy.
Warning: photos may not reflect real colour!

Shifters

GTRO is available with one of three shifter types:

- Rapid-fire (aka trigger)
- Twist-grip
- Bar-end (recommended for trikes & recumbents)

It is possible to exchange shifter from one type to another after purchase and installation.

Bar-end shifter on a trike

Rapid-fire / trigger shifter

Twist-grip shifter

Chain / belt options

28T chainring

Standard GTRO option – 28T chainring.
Equivalent to 28/40/50T on 1st / 2nd / 3rd gear.
In this case, the chainring is fully covered behind a gearbox disc.

28T chainring is compatible with 3/32" and 11/128" chains.

38T chainring

Efneo offers a 38T chainring as an option.
It is compatible with a chain cover from Hebie, which we can deliver together with the gearbox:
https://www.hebie.de/en/protection/chainguard/chainglider/359

It is not possible to install 28T chainring instead or 38T, as 38T requires an adapter (see below).

38T chainring is compatible with 1/8", 3/32" and 11/128" chains.

130 BCD adapter

GTRO can be ordered with a 130BCD adapter instead of a 28T chainring. It is **not** possible to exchange 28T chainring to 130BCD adapter and opposite after purchase.

Any 130BCD compatible chainring or beltring (Gates, etc) can be installed.

We offer Strida-compatible beltring with 80 teeth and 1360mm belts. We do not offer Gates, Continental, etc, belts or beltrings, they are to be ordered separately.

Bottom brackets

GTRO is available with four BB lengths:

68mm
73 mm
80 mm
100mm

All are compatible with English\ISO\BSA-threaded BB shell (24 TPI x 1.375” thread).

Bottom bracket is delivered with GTRO. Your old BB needs to be replaced with a BB delivered by Efneo.
GTRO will not work with any other bottom bracket.

Dedicated BB torque sensor for e-bikes is available - e-mail wiktor@efneo.com for more details.

Crank lengths

Standard GTRO crank length is 170mm.
An alternative option is 152mm – on the photo.

Q-Factor

Q-Factor of the gearbox is 172mm.

Chainlines / beltlines with BB 68mm

Standard 28T GTRO chainline is 43.5mm.
It can be modified with spacers in a range from 41.5mm to 48.5mm.

Standard 38T GTRO chainline is 41.5mm.
It can be modified with spacers in a range from 39.5mm to 46.5mm.

Standard Gates GTRO beltline is 42.5mm.
It can be modified with spacers in a range from 40.5mm to 47.5mm.

For BB 100mm chainlines/beltlines are 18.5mm larger.