CARLA ◆ CARGO

Information request

eCARLA adaptor sensor

CARLA CARGO
Engineering GmbH
Markus Bergmann

Pfarrmattenweg 1
79341 Kenzingen
Deutschland

+49 (0) 7644 92 93 470
sale@carlacargo.de
www.carlacargo.de
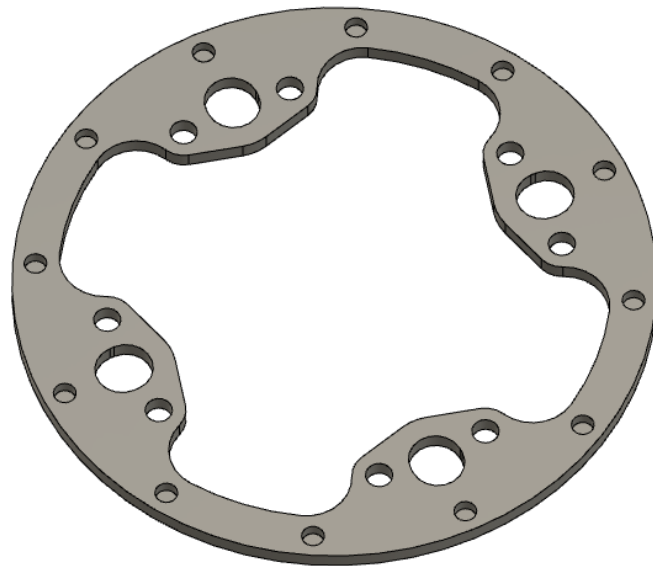
CARLA CARGO

Congratulation, you will receive your eCARLA soon!

To be able to use your eCARLA with your bike we need some information about your bike. Indeed, we will design a special part to mount the sensor system on your bike.

The sensor will be fix on the bottom bracket bearings and the magnetic disc will be mount on your crank set.

To design correctly the magnetic disc, we have to know:

- **The crank set model**. It is often written directly on the crank or on the data sheet of your bike.
- **The number of front sprockets**
- **The number of teeth** of the smallest sprocket
- **The BCD of the smallest sprocket**. The Bolt Circle Diameter (BCD) is the diameter of an imaginary circle running through the center of the chainring mounting holes. It is always defined in millimeters.

It is sometimes written directly on the sprocket, otherwise you can measure it.

How to measure a BCD with a ruler:

The easiest way to measure the BCD is to measure the distance between two adjacent holes (we will deduce the BCD from it).

To measure it, the most reliable way is to measuring from right to right side or from left to left side. (as shown in the picture below)

Source : https://www.sheldonbrown.com/cribsheet-bcd.html

- Does your bike have an **engine,** if yes which is the model?
- What is your bike model?
- **Pictures** to see the distance between the sprocket and the frame/engine housing (we need at least 4mm)

CARLA CARGO
Engineering GmbH
Markus Bergmann

Pfarrmattenweg 1
79341 Kenzingen
Deutschland

+49 (0) 7644 92 93 470
sale@carlacargo.de
www.carlacargo.de

Seite 2 / 3

CARLA ☰ CARGO

Answer document:

- The crank set model:
- The number of front sprockets:
- The number of teeth of the smallest sprocket:
- BCD:

BCD (in mm)	Number of bolts holding the sprocket	Are the bolts evenly distributed on the circle?		
		Yes	Distance between two adjacent holes (in mm)	
		No	Largest distance between two adjacent holes (in mm)	
			Smallest distance between two adjacent holes (in mm)	

- Engine: ☐ Yes   ☐ No
  ↳ Which model:

- What is your bike model?
- Pictures