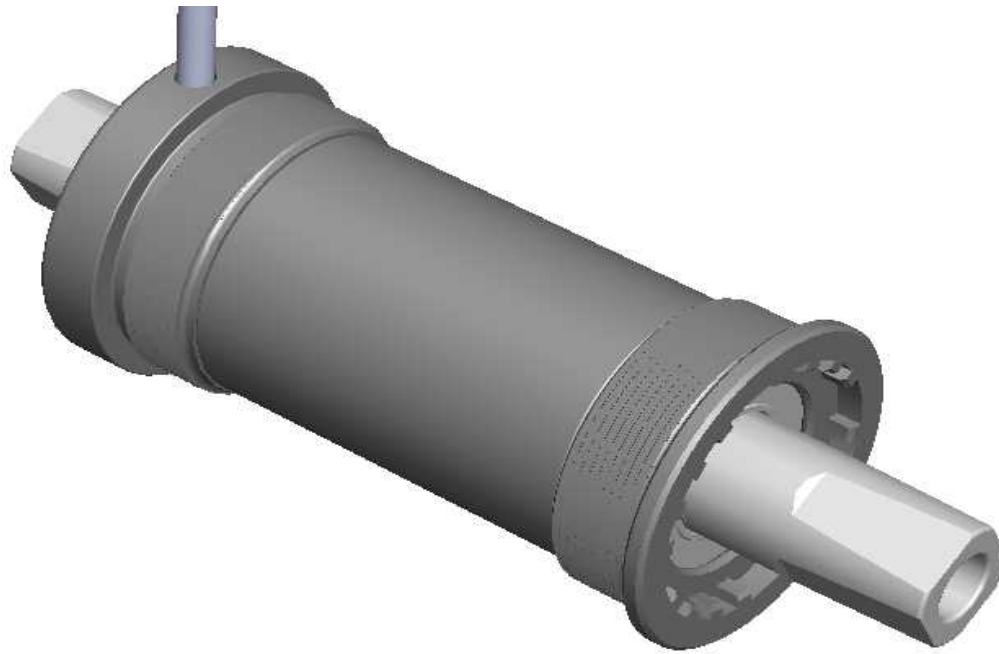
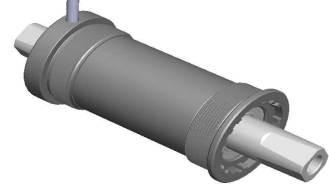


Sempu BB Torque Sensor - New Creative Solution



E-bike conversion kit - **Sempu Best Solution**



BB torque sensor

Double sided bottom bracket torque sensor, the torque sensor is designed to work with you as you pedal, giving you proportional electric assist when and where you need it.

torque sensor can detect your pedaling force, speed, and direction.

Suitable for standard bottom bracket 68mm.

Axle spacing, 122.5mm, 124.5mm, 127.5mm are available.

customized is acceptable.

Motor

Rear Cassette disc brake motor, freewheel design, 36V 250W, torque 40N.m, fork width 145mm, >80% efficiency 2.4 kgs, RPM as per your choice. 25km/h, 32km/h, even faster speed.

Controller panel

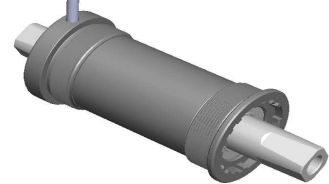
Multifunction LCD panel, 5 level boost mode selection support cyclist's control.

Controller

Foc controller, sine wave, high speed torque sensor.

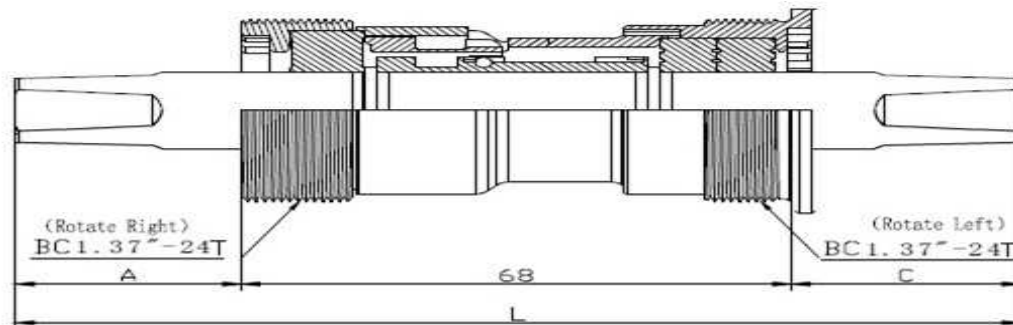


SEMPU—BB Dual Side Torque Sensor



Product Feature

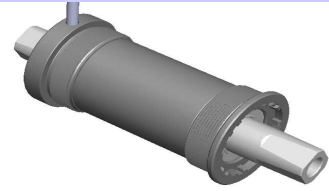
1. Faster start and quicker response, double-sided torque output, 30ms response speed, <math><12^\circ</math> crank response of both pedal direction.
2. No more temperature drift issue with high reliability in low temperature
3. Compatible with standard bottom bracket, requiring no modification the frame design
4. Easy installation and flexible length options
5. Custom size and compatible with Mid-drive motor



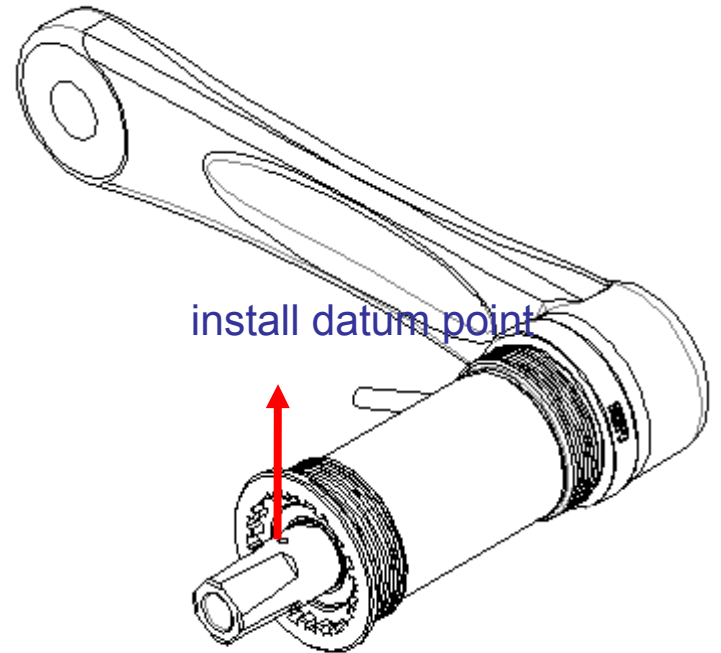
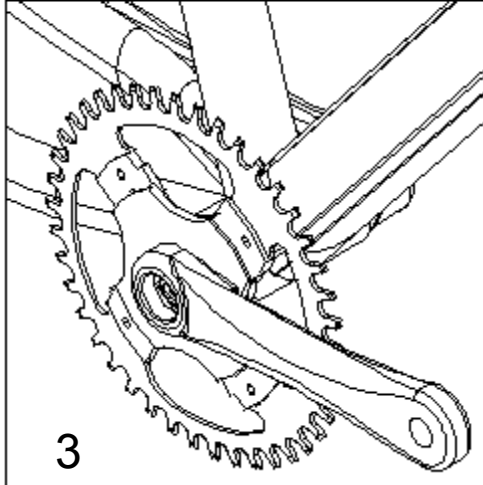
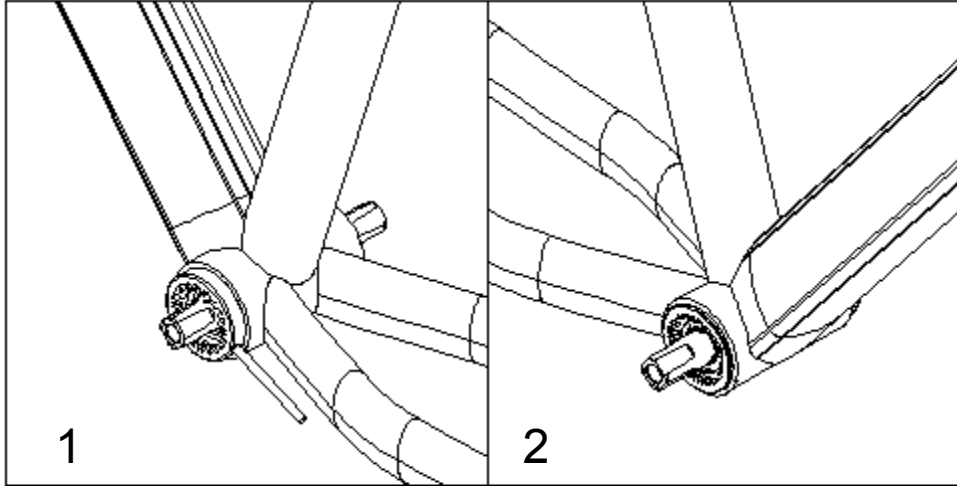
Specifications can be customized

A	27	26.5	27	26.5	24.5	23.5	22.5	23	21.5	21.5	18
C	32.5	31.5	29.5	28	27.5	26.5	25.5	24	23.5	21	21
L	127.5	126	124.5	122.5	120	118	116	115	113	110.5	107

SEMPU—BB Dual Side Torque Sensor



6. Installation Steps



Installation Steps

1. Firstly install the BB sensor from left side, then lock the left tooth bowl, adjust outlet cable to a suitable position.
2. Then install and lock tight the BB sensor right tooth bowl.
3. Install the cranks of both side, make sure install datum point is keep 90° with the crank, crank keep parallel with ground, ensure datum point is vertical to the ground