6 DEALER MANUAL FOR H405 (RM G0210.250/350/500.D)

CONTENT

6.1 INTRODUCTION

- **Product Model**

  RM G0210.250.D

  RM G0210.350.D

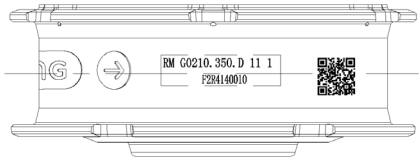
  RM G0210.500.D

- **Scope**

Applies only to electrically powered pedelecs developed or licensed by Bafang. It is suitable for city and trekking bikes, which have been developed for road use. The engine is not suitable for sport competitions.

- **Identification**

The following graphic, is the identification numbers of the product, which are shown on the housing:



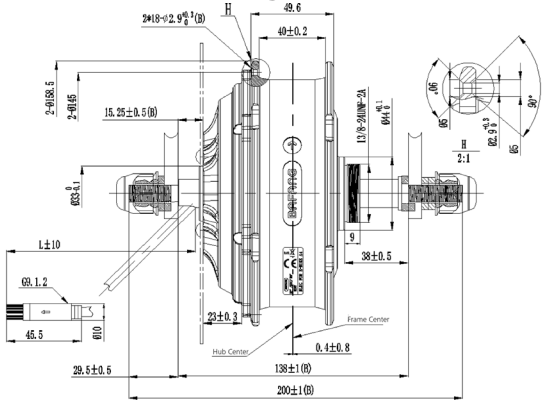
Note: Content in the label is important information about this product. Please do not remove the information from the motor.

6.2 SPECIFICATIONS

Motor model: RM G0210.250.D / RM G0210.350.D / RM G0210.500.D

Rated power (W)	250 / 350 / 500
Rated voltage (V)	48
Waterproof	IPX6
Certification	CE/UKCA
Outdoor Temperatures	-20℃~45℃

6.2.1 Outline and geometric size



OLD: 138mm

Shaft length: 200mm

Motor cable length: L=250mm (optional)

6.2.2 Surface

Black(RAL9017)/painting

6.2.3 Storage Information

The pedelec should be stored in a ventilated dry room. Avoid storing the pedelec near strong magnetic objects.

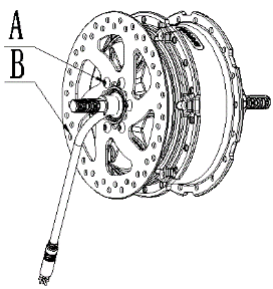
6.3 DRIVE UNIT INSTALLATION

6.3.1 List of Tools to be used

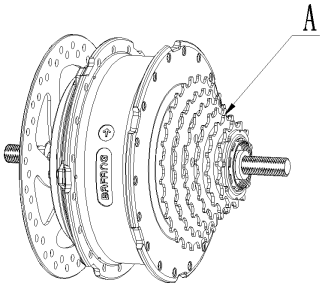
Use of the Tools	Tools
To tighten/loosen the M5*8 screws onto the disk brake.	 Internal hex wrench
To tighten/loosen the freewheel.	 Freewheel socket
To tighten/loosen the freewheel.	 Adjustable wrench
To tighten/loosen the M12 flange nuts onto the frame.	 19mm Open-end wrench
To tighten/loosen the M12 flange nuts onto the frame.	 19mm Plum wrench

6.3.2 Motor Installation

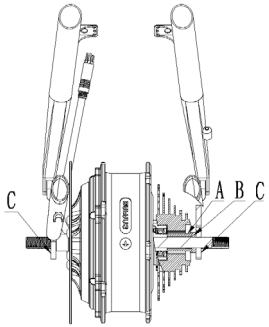
1. Place the disc brake onto the motor axle from the left side. Tighten the six M5*8 hex screws to secure the disc brake. [4 N.m]



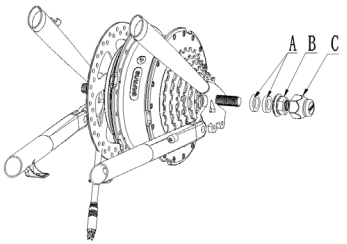
2. Install the freewheel onto the motor axle from the right side. Tighten it with socket and adjustable wrench. [35 N.m]



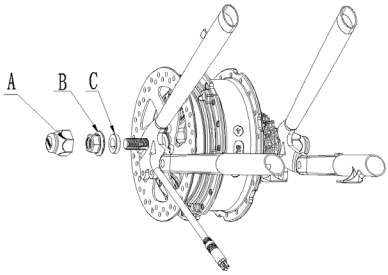
3. Place the bushing and stop pin onto the motor axle from the left side. Insert the motor into the rear fork end.



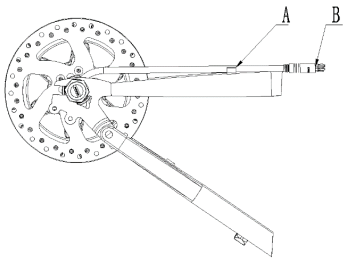
4. Place two 4mm bushings onto the motor axle from the right side. Place a M12 flange nut, and tighten it with 19mm wrench. Install the cap nut. [40-45 N.m]



5. Place the stop pin onto the motor axle from the left side. Place a M12 flange nut, and tighten it with 19mm wrench. Install the cap nut. [40-45 N.m]



6. Fix the power cord into the cable groove and connect it with the controller.



6.4 MAINTENANCE

- Maintenance must be carried out by authorized personnel with the correct equipment.
- Do not disassemble the motor.
- Do not use thinners or other solvents to clean the components. Such substances can damage the surfaces.
- Avoid water submerging, to keep the components protected.
- Avoid using high-pressure cleaning jets.
- For prolonged storage, turn off the battery and avoid storing near heat sources.

Note: Specifications are subject to change for improvement without notice. Actual product details may vary.