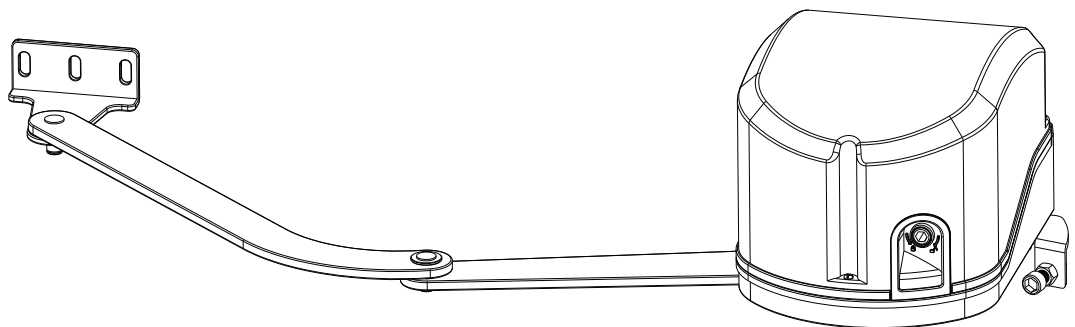


SWING DOOR OPENER

INSTALLING AND OPERATING INSTRUCTION

PK19



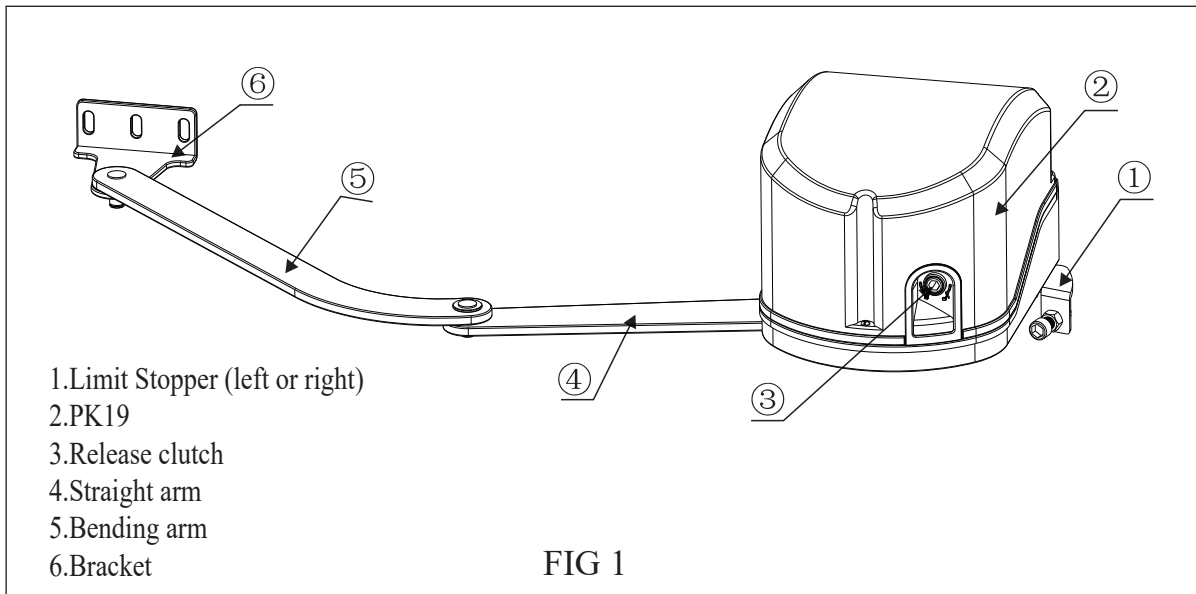
PLEASE READ THE MANUAL CAREFULLY
BEFORE INSTALLING AND USE

WARNING TO THE INSTALLER AND USER

- 1) CAUTION! It is important for personal safety to follow all the instructions carefully. Incorrect installation or misuse of the product may cause people serious harm.
- 2) Keep the instructions in a safe place for future reference.
- 3) This product was designed and manufactured strictly for the use indicated in this documents.any other not expressly indicated use may damage the product and/or be a source of danger.
- 4) Before carrying out any work on the system, switch off the electricity supply.
- 5) Accepts no responsibility regarding safety and correct operation of the automation, should components made by manufacturers other than be used in the system.
- 6) Do not make any alterations to the components of the automation
- 7) Do not allow children or other persons to stand near the product while in operation.
- 8) Keep remote controls away from children, to prevent the automation from being activated accidentally.
- 9) The user must refrain from attempting to repair or adjust the system personally and should contact qualified personnel only.
- 10) Frequently examine the installation, in particular check cables, springs and mountings for signs of wear, damage or imbalance. Do not use if repair or adjustment is needed since a fault in installation or an incorrectly balanced door may cause injury.
- 11) This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- 12) If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- 13) Disconnect the supply when cleaning or other maintenance is being carried out, if the appliance is automatically controlled.
- 14) The temperature range marked on the drive should be suitable for the location.

**PLEASE READ THE MANUAL CAREFULL
BEFORE INSTALL AND USE**

1.Description



2.Technical Specifications

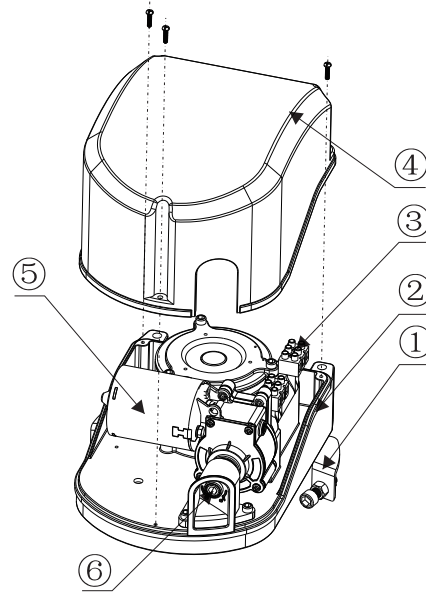
Model name	BS-PK19
Supply voltage	220VAC /110V 60Hz ±10%
Power of motor	24V DC 80W
Rotational speed	1800RPM
Max leaf length and weight	3m
Max leaf weight	300kgs
Environment Temperature range	-30°C~+60°C
Protection class	IP54

3.Feature

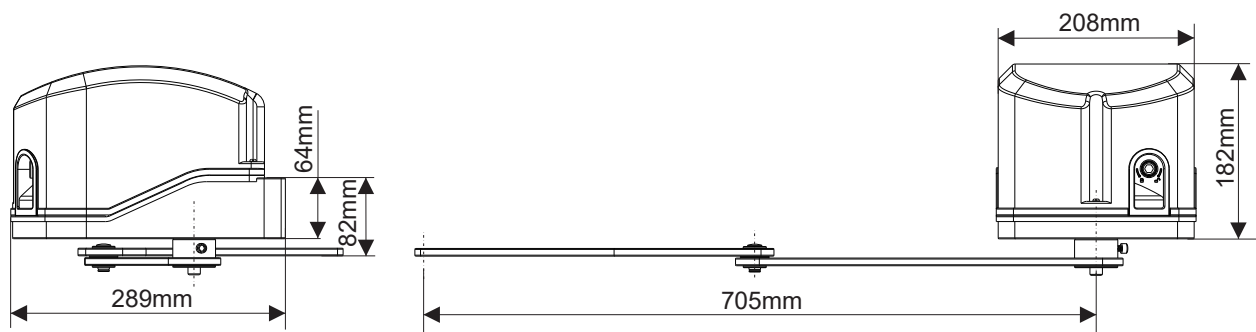
- * Release clutch can release door opener if power failure, then door can be operated by manual.
- * Saft start and soft stop function is available.
- * Reverse function is available when meet obstacle.
- * Auto-close is available.
- * Open terminal is fit for access control system.

4. Model structure


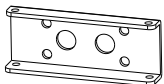
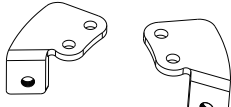



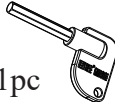









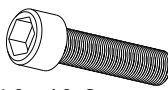

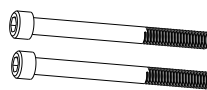

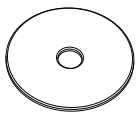





- 1.Limit stopper(left or right)
- 2.Gear box
- 3.Terminals
- 4.Motor cover
- 5.DC motor
- 6.Release clutch



5. Dimensions

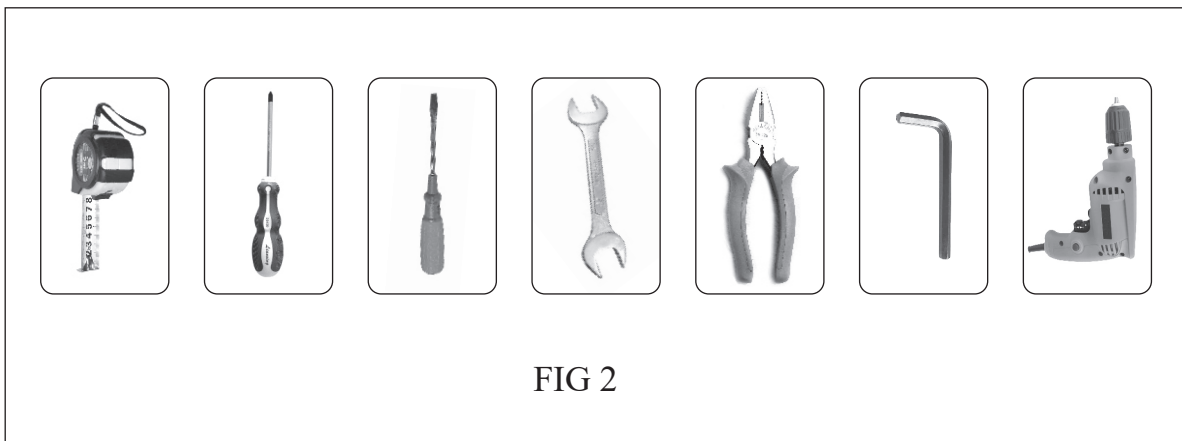


6.Packing list

 1pcs	 1pcs  each 1pcs	 1pc  1pc	
 1pc  1pc	 M8X20 5pcs  M8 2pcs  M8 3pcs	  Φ12x24 2pcs	  nylon washer 2pcs   Φ12 2pcs
 Φ10x40 2pcs  M10 4pcs	 M8x9 2pcs  M8 2pcs	 Φ8.5xΦ25 2pcs   key C8x28 2pcs	 1pcs   2pcs

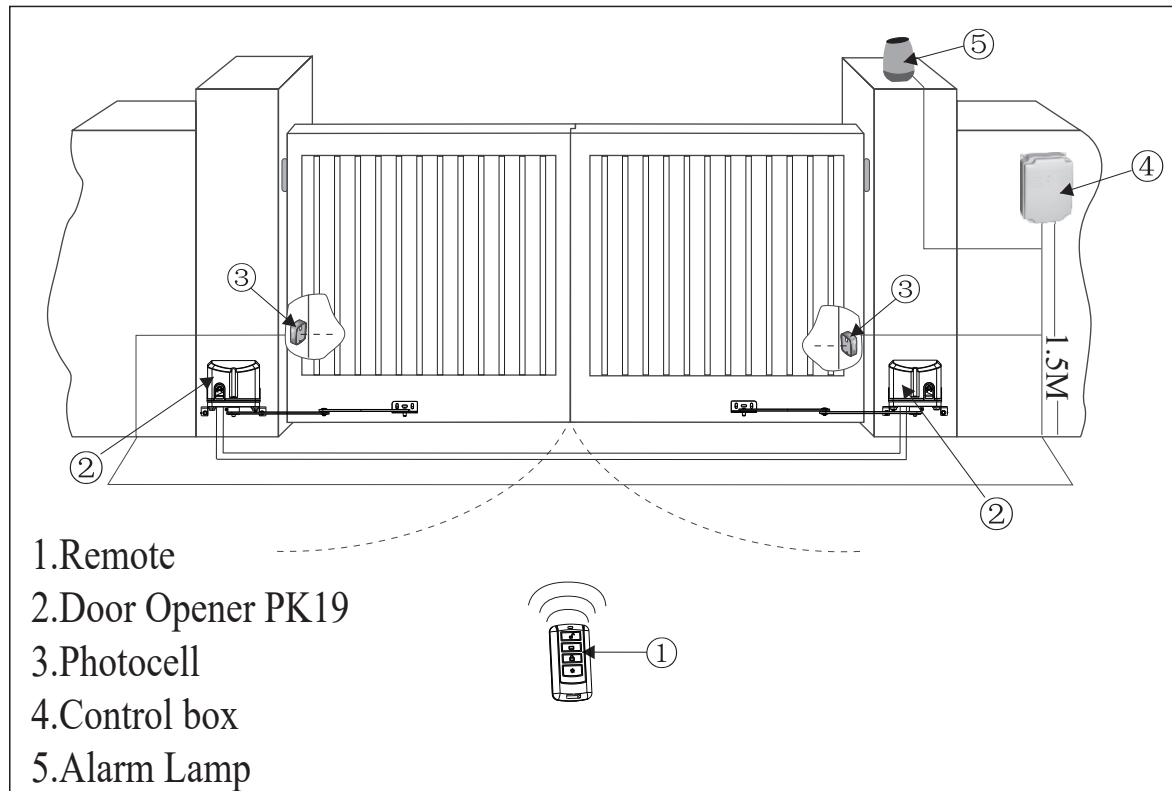
7.Installation

7.1 Tools

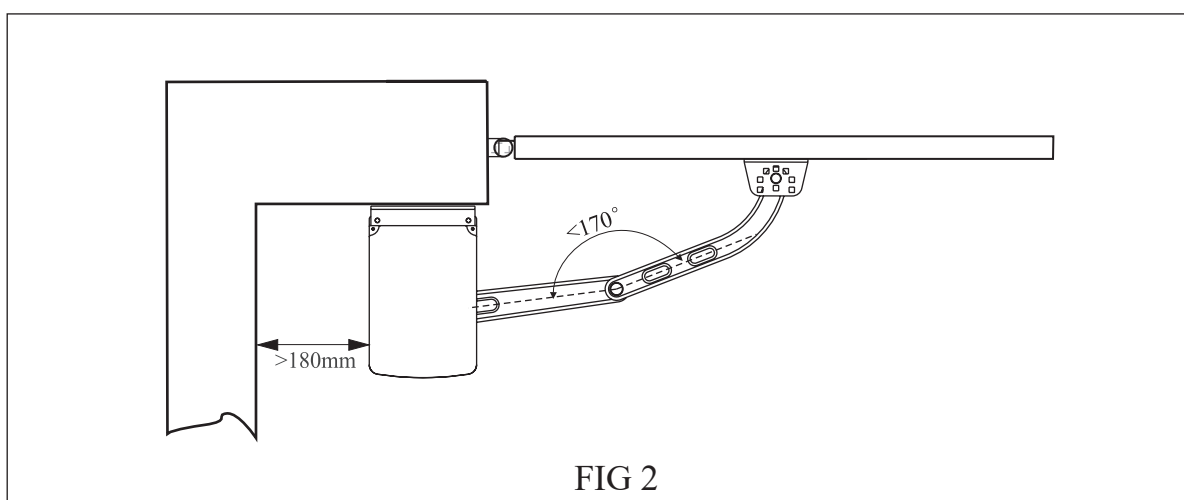


8.Installation

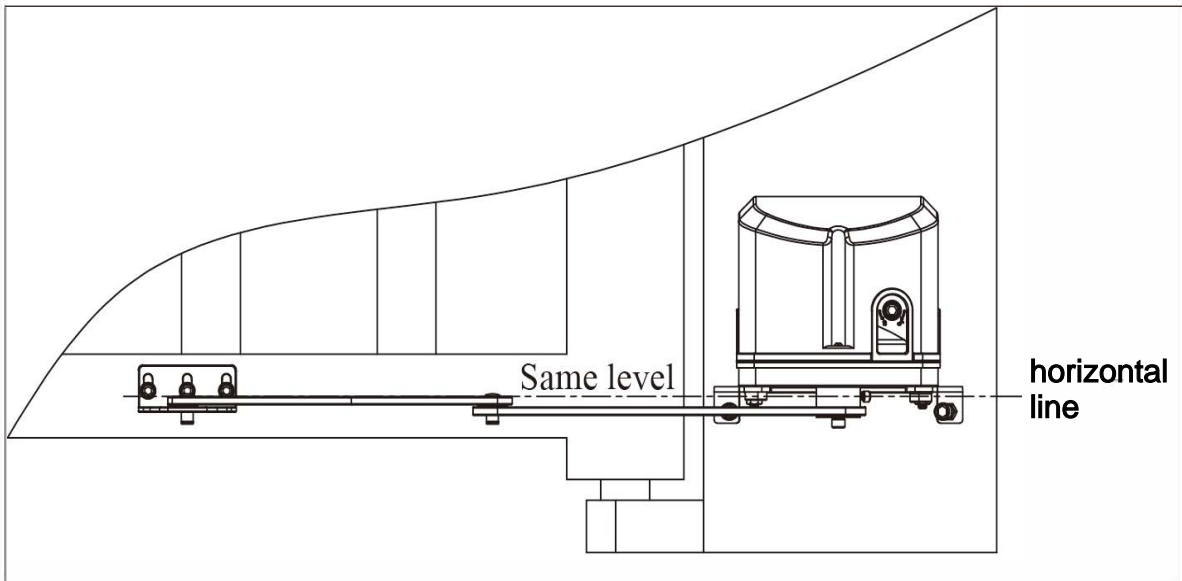
8.1 Installation layout



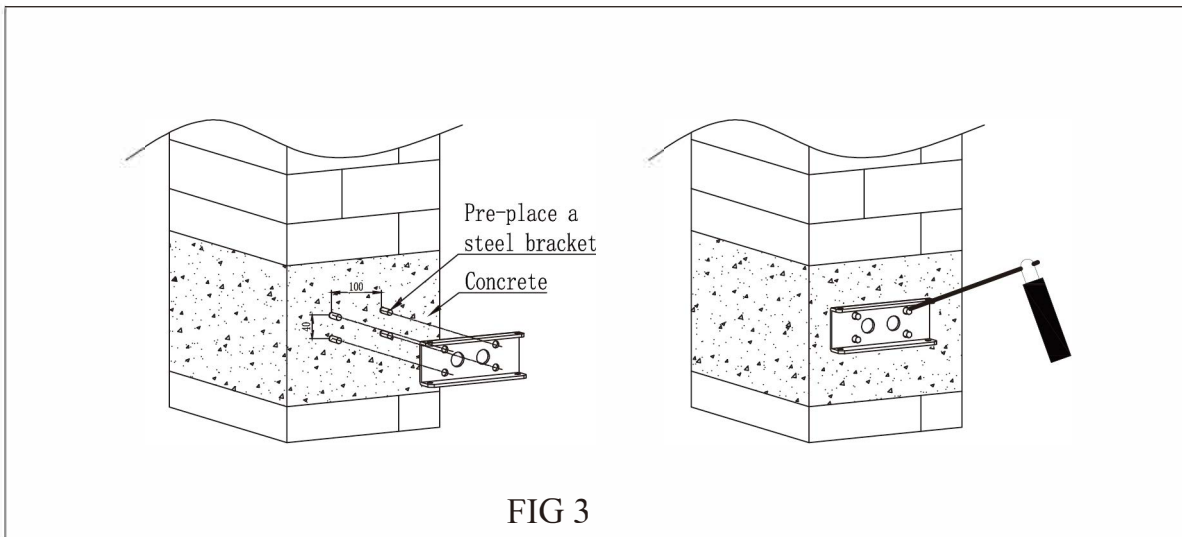
8.2.Installation dimensions



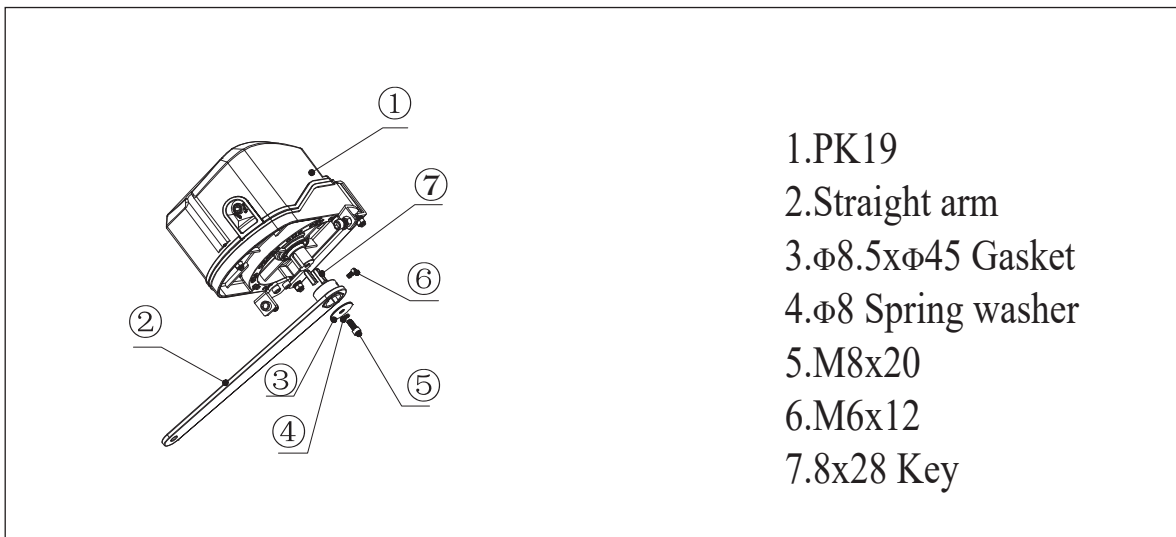
8.3 Make sure the motor and front bracket in horizontal line.



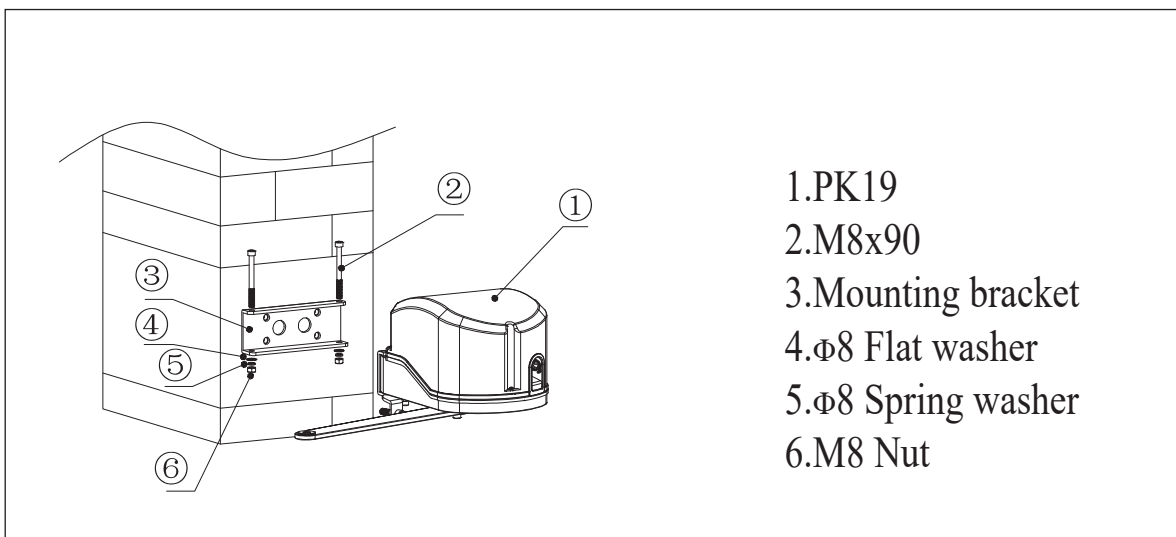
8.4 Fix the mounting bracket



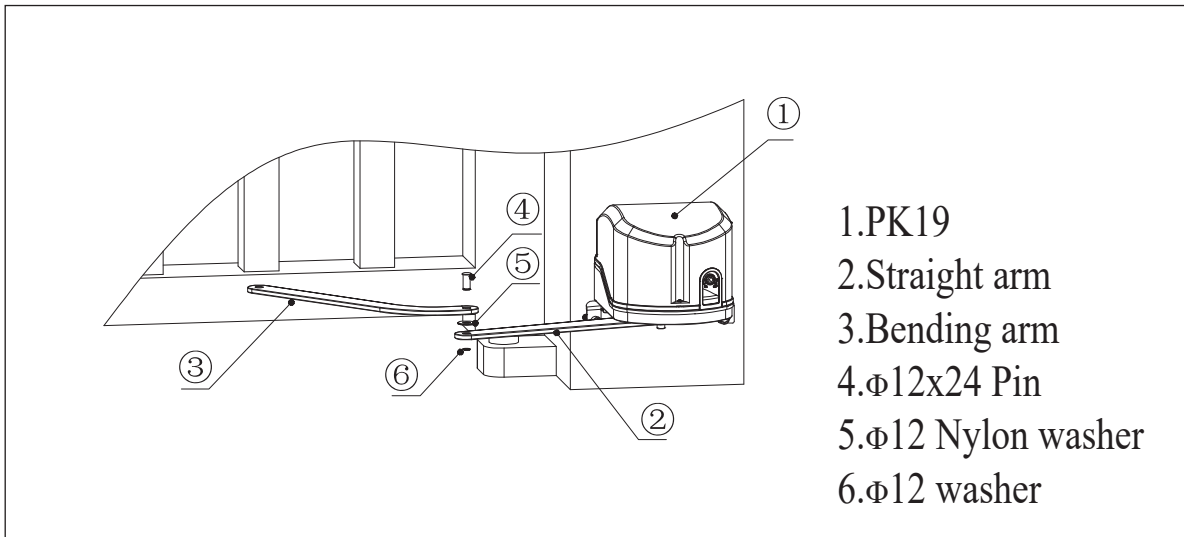
8.5 Fix the straight arm



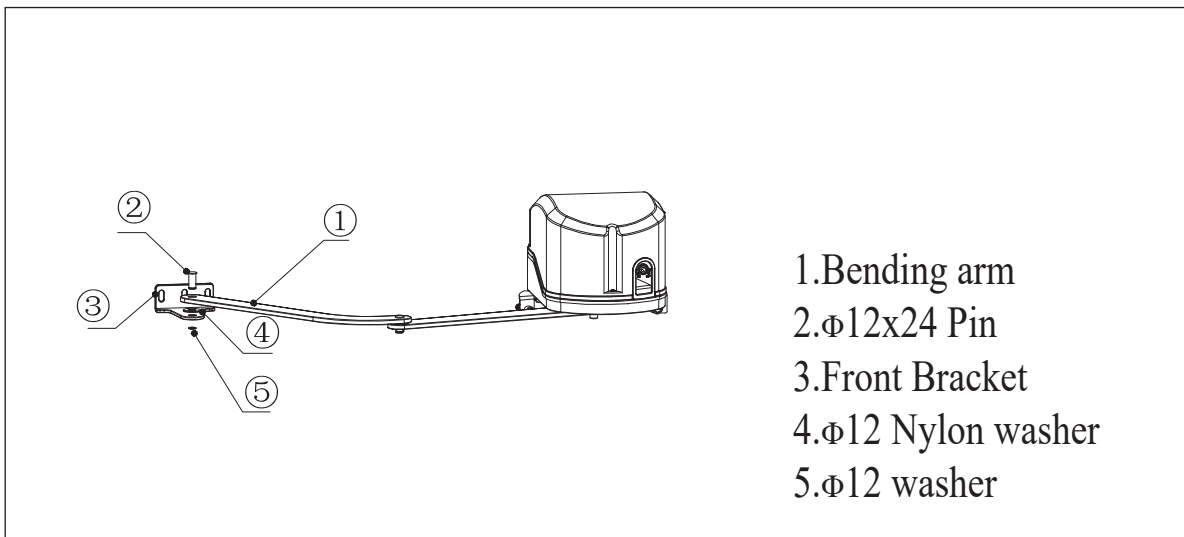
8.6 Fix the Motor(PK19)



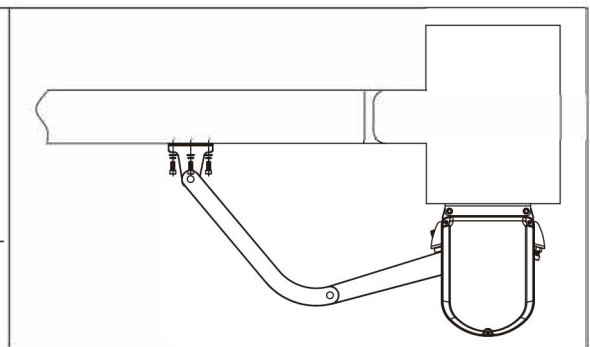
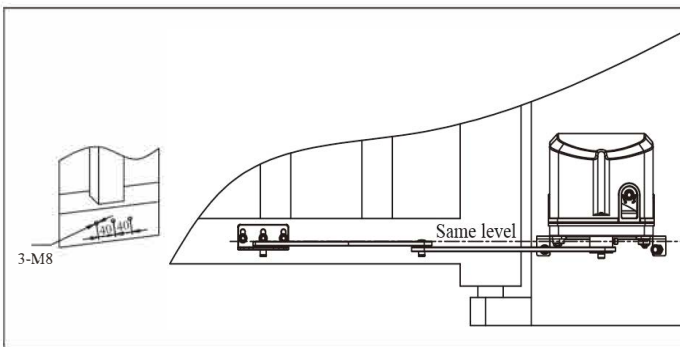
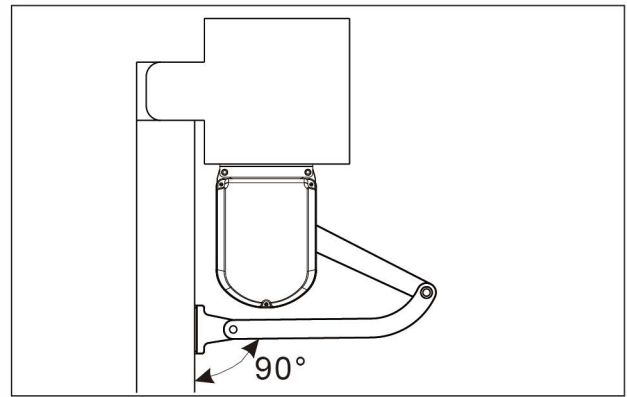
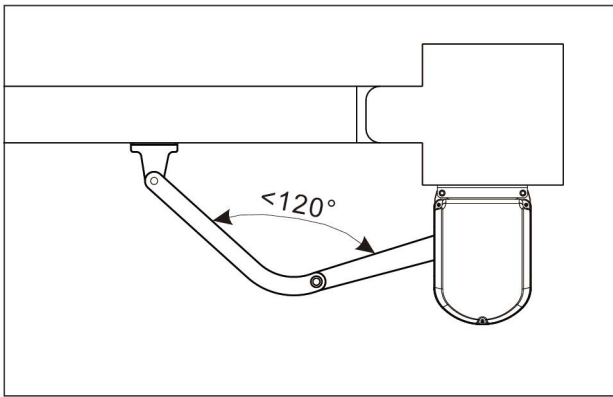
8.7 Connect the bending arm



8.8 Connect the Front Bracket



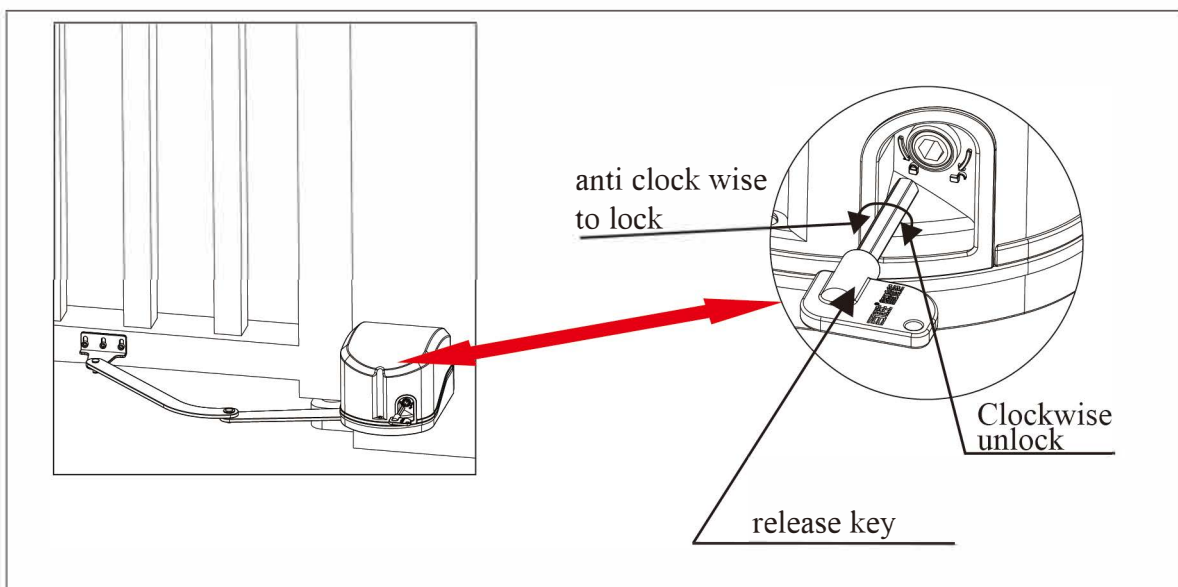
8.9 Confirm the location of front bracket refer to following 2 angles, then fix the front bracket.



Notice: The front bracket and motor must be in same level!

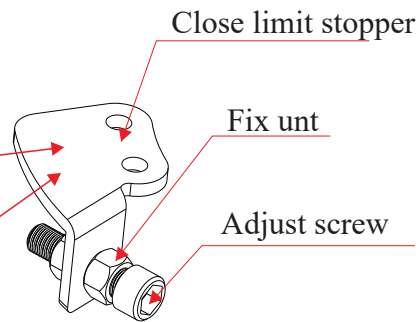
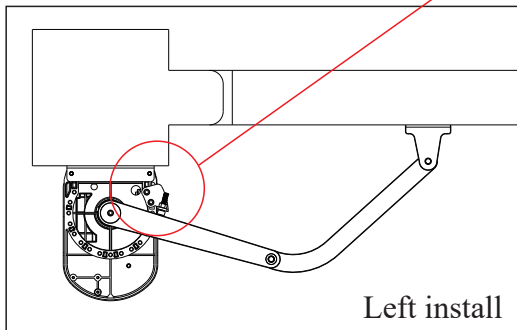
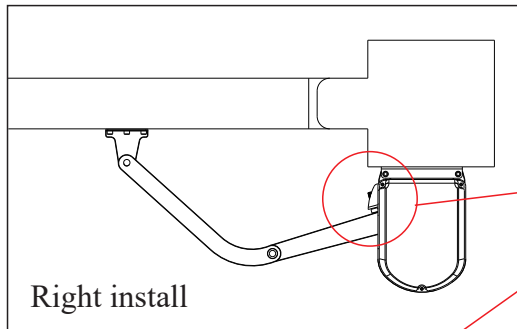
9. How to release

- 1、 Insert release key, rotate clockwise at 2 and a half circles to release the opener.
- 2、 Rotate anticlockwise at 2 and a half circles to lock.



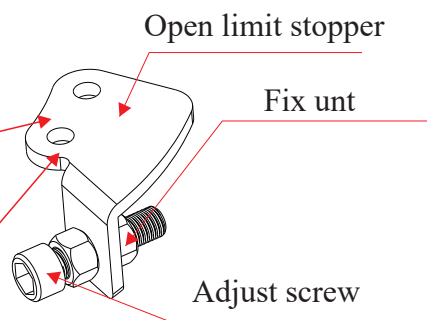
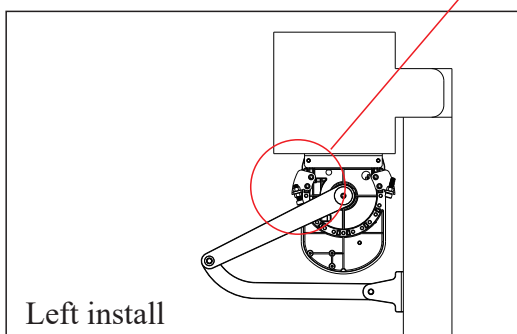
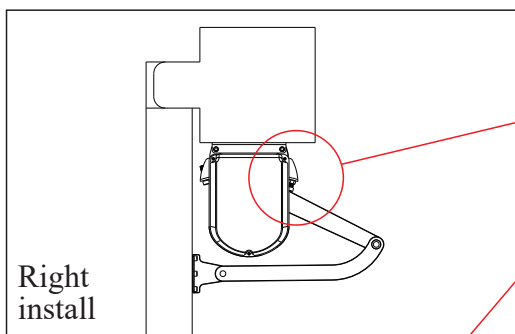
10. Limit stopper adjustment

10.1 Close status



Fix the limit stopper by 2 pcs M8x20 screws

10.2 Open status



Fix the limit stopper by 2 pcs M8x20 screws

