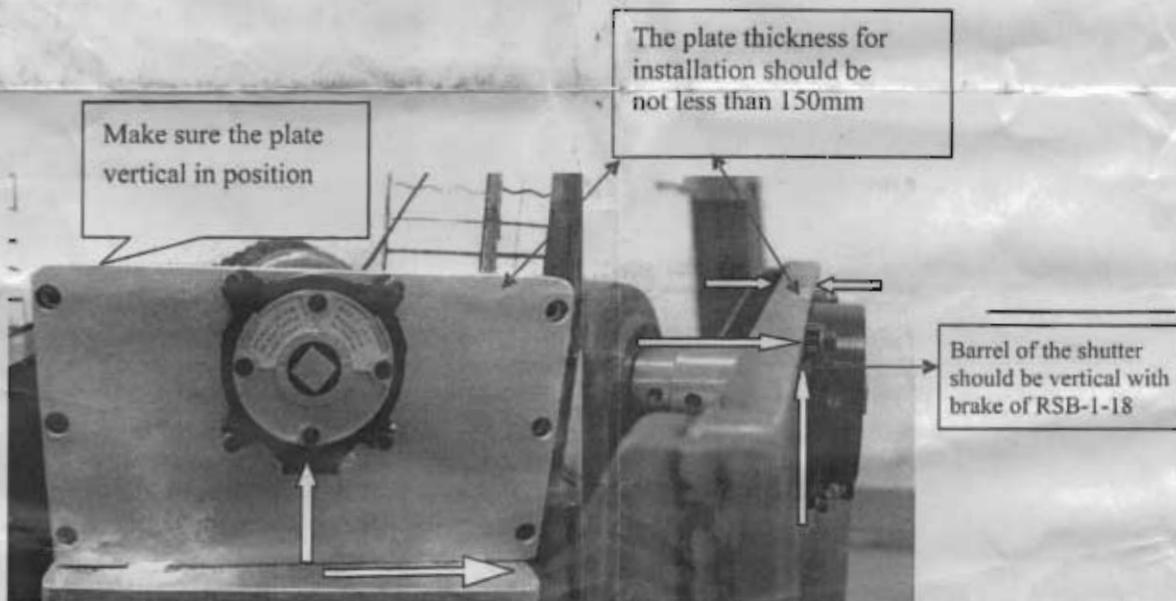


Manual Instruction for RSB-1-18 Brake

Dear Customers, Please read the manual instruction carefully before install the brake, and operate the device in strict accordance with the operate methods when using the brake. If there is any quality problems or questions, Please contact with your supplier.

□ INSTALLATION - IMPORTANT

- 1- Ensure the barrel drive torque does not exceed the capacity of the safety brake
- 2- The safety brake must be installed at the opposite end to the driving operator.
- 3- Ensure that the door closing direction operates the safety brake in a clockwise direction.
- 4- Ensure that it is installed vertically
- 5- Ensure that the center line of both the barrel and safety brake is inline
- 6- Ensure it is suitably protected against direct undue harsh environments, such as dust or water etc
- 7- Do not add lubrication grease oil etc on the safety brake
- 8- Ensure that the interlock switch is connected to the control equipment



□ TECHNICAL SPECIFICATION

Type	Normal running maximum speed (r/min)	Braking torque (N.m)	Holding screw torque (N.m)
RSB-1-18	22	As follow	As follow

$$\{Nm = r \times g \times 9.8 \}$$

18/A Type: <1>. Screw: 15N.m , the brake max torque: 130N.m.
18/F Type: <1>. Screw: 10N.m , the brake max torque: 90N.m.

(Note: Factory default for brake is:

18/A Type: Screw: 15N.m , the brake max torque: 130N.m.

18/F Type: Screw: 10N.m , the brake max torque: 90N.m.)

1- The maximum speed of RSB-1-18 series shutter door safety brake's normal working is 22RPM (The brake mentioned is used for protecting the shutter system. When the shutter speed exceed 22RPM, the brake will work and protect the whole system.);

2- RSB-1-18 series shutter door safety brake should accord with this standard, produce according to the drawings and technical documents following the prescribed procedures for approval

3- Shutter door safety brake can be normal used in the condition of below height above sea level, environment temperature and air relative temperature. The height above sea level of installation site is at most 2000m.

4- When door hanger system's malfunction happened, door page should stop and keep the safety distance after last downward moving (or dropping) at most 300mm;

5- The plate may not move when the shutter door safety brake worked and braking torque less than the specified torque;

6- The plate should move immediately when the shutter door safety brake worked and instantaneous maximum braking torque greater than or equal to the specified torque.

□ WIRE CONNECTION



2. keep rotating safety brake by the other hand, until cable connect tightly!

1. hold the top of cable tightly by one hand, keep like this picture.