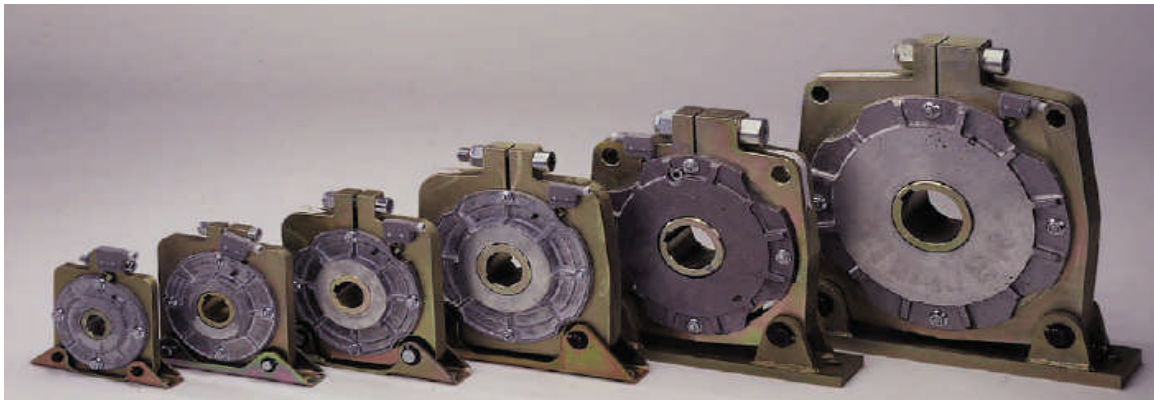
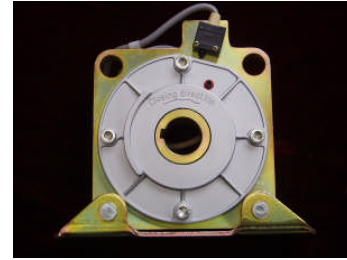


Safety Brake

Safety Bearing

Parachute Brakes

Inertia Brakes



This is a safety device for rolling shutters. Performing two functions

1. A bearing support for the barrel shaft, installed opposite to the motor driven end
2. A mechanical brake to stop the descent of the shutter if sudden dangerous acceleration occurs

The brake incorporates a centrifugal locking system that locks the barrel shaft rotation when it reaches its designed locking speed, preventing the shutter curtain from free falling.

(Refer to www.dhfonline.org.uk for guidelines on anti-drop devices for rolling shutters.)

Do

- Replace a brake with identical performance, as the original brake would have been selected by the door manufacturer based on the door size, weight, barrel diameters and motor speeds.
- Always connect the interlock micro-switch in series with the stop circuit of the drive motor, to stop the motor in the event of the brake operating.
- Mount the device the correct way up; the device may have the words “Top” or “Oben” (meaning “above”)
- Observe any rotational indication arrows which should be pointing in the direction of the unrolling shutter curtain, some devices are uni-directional, locking in both directions.
- Install strictly in accordance with manufacturers instructions, taking steps to ensure the alignment and rigidity of its fixing will not adversely affect its operation. A device mounted in such a way that it is exposed to excessive vibration, or a main drive which has a jerky operation, could induce the device to activate.
- Ensure the brake is anchored to the barrel shaft by the key-steel.
- Apply lubricant to the shaft prior to sliding on the device; excessive force should not be required.
- Test for correct operation after installation and during servicing.
- Reset the device after activation in accordance with manufacturer’s instructions, if you are in any doubt, replace the device.
- Investigate and rectify cause of activation prior to refitting a replacement device.

MAINTENANCE

- Generally these devices need no maintenance other than visual checks and testing