

product news

Ogura Brake

CONTROLS SHUTTER DOORS

Anyone who has ever lifted a manual rolling shutter door knows that sometimes doors in a free fall condition can have significant force behind them. Left unchecked, this force can cause either personnel injury or property damage. For this application, Ogura developed the new CFB Centrifugal Brake. In a normal speed condition, springs hold back the brake shoes the brake does not engage and the door can be raised or lowered normally. However, in an over-speed condition the brake shoes are applied by centrifugal force slowing the door down, the faster the speed, the higher the torque applied by the centrifugal brake. Since the brakes do not require any external controls and/or power sources they are very easy to set up and maintain. There are many other types of overhauling load applications that could also utilize this brake. Conveyor applications, hose reels, wire unwinding and over-speed protection



in windmills could all benefit from this type of brake. Ogura has been producing clutches and brakes since 1938. Over that time, the company has developed more than 5,000 different models of clutches and brakes. Although Ogura primarily produces electromagnetic clutches and brakes, it also produce magnet particle, mechanical, pneumatic, hydraulic and a variety of speciality products.

For more information:

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