



Independant overspeed Safety Brake



Main Features

This unit is a precision engineered safety device which is normally used in conjunction with each hoist unit. It can be used on the primary or safety steel wire rope. For most market areas, it is used on the safety steel wire rope. It can be attached directly onto the hoist unit or the platform stirrup.

The safety brake, independent of the drive system, actuates during Overspeed conditions only.

Its primary function is to halt the descent of a hoist/ platform. As the wire rope passes through, it senses the descent speed by means of a centrifugal mechanism. If, as the Safety Brake is traveling down the wire rope, the factory pre-set speed is exceeded, the Safety Brake will lock onto the steel wire rope thereby halting the hoist/ platform and support all the load. The Safety Brake has a Manual Trip Lever for manual activation or functional checking.

It also has a Reset Handle.

An additional safety feature which senses the horizontal inclination of the platform can be incorporated on request.

When the platform reaches an inclination more than 15 à 18% the safety brake will trip automatically and therefore the jaws will grab onto the steel wire rope.

Specifications

Partnumber	Safe Working capacity	Tripping speed	Selfweight	Recommended steel wire rope
B5000000	500 kg	25 m/min	4,8 kg	all 8 mm steel wire ropes
B6000000	500 kg	25 m/min	4,8 kg	all 9 mm steel wire ropes
B7000000	1.000 kg	25 m/min	7,3 kg	all 9 mm steel wire ropes

