

ASHFIELD PRODUCTS LTD

APL Load Arrestor Data Sheet

Description

The APL Load Arrestor is designed to stop goods from falling whilst being lifted. The APL unit provides safety back up to your primary lifting device or suspension point should they fail. This will result in stopping injuries to personnel from being hit by and the destruction of the goods.

The APL Load Arrestor is installed adjacent to the primary lifting device and fixed to a suitable anchorage point. Its retractable cable is then secured to the load.

In the event of a failure of the primary lifting device that allows the load to fall or descend too quickly, the APL load arrestor will activate by engaging pawls into the deceleration ring once activation speed is exceeded. The deceleration ring will then rotate against a Bellville washer causing deceleration due to increasing pressure growing on the deceleration ring as it winds in. Stopping distance is dependant upon load weight and if the unit has a pulley fitted.

- Independent Protection
- Reduces the risk of equipment damage and protect personnel
- Protects load from 10kg to 1600kg
- Variety of cable lengths
- Allows unrestricted movement of the protected load



Models in the range

APL300-14	Provides back up from 10kg to 300kg with a 14 metre working length.
APL400-14	Provides back up from 30kg to 400kg with a 14 metre working length.
APL500-12	Provides back up from 35kg to 500kg with a 12 metre working length.
APL600-6WP	Provides back up from 25kg to 600kg with a 6 metre working length using a pulley.
APL800-12	Provides back up from 40kg to 800kg with a 12 metre working length.
APL1000-6WP	Provides back up from 35kg to 1000kg with a 6 metre working length using a pulley.
APL1600-6WP	Provides back up from 40kg to 1600kg with a 6 metre working length using a pulley.

Activation speeds can be specified for all units with out pulleys as 0.3, 0.5 or 1.0 m/p/s. All pulley units only operate at 0.5 m/p/s.