AD412/300 - JRG Load Arrestor

Protects Valuable Equipment and Machinery

Designed as a back up device to completely stop a dropping load if it breaks free from the main support line!

- **Compact and cost effective load arrestor**
- **Designed to completely stop a dropping load if it breaks free from its main support line**
- **Speed sensing/energy absorbing internal brake - keeps forces to a minimum and reduces clearance requirements arresting a fall immediately**
- **40 ft (12m) self retracting galvanized cable lifeline**
- **Built-in impact indicator on cable termination for fast inspections**
- **Reduced fall arrest distance**
- **Minimal impact force on structure**
- **Robust and durable design; maximum 60 cycles per day, recertification after 7000 cycles**
- **Protects loads up to 660 lbs. (300kg) for complete safety**
- **Fully serviceable**
- **CE certified ascending machine directive 98/37 CE.**

AD412/300 - JRG Load Arrestor

Protect critical components and heavy loads The PROTECTA Load Arrestor is ideal for use as a back up safety device in conjunction with lifting equipment such as cranes and hoists. The Load Arrestor is designed to arrest the accidental fall of machinery or other objects that are hung or anchored to a structure. Applications for this compact, cost effective device include assembly line fixtures, overhead lighting, arena score boards or heavy parts that are suspended or secured overhead.

Back-up Protection The Load Arrestor provides independent protection that will arrest the fall of a load in the event of the primary system failing. Being completely independent of the primary lifting system, it reduces the risk of equipment damage and protects personnel in and around the danger zone. **Note:** *This device is used for arresting material loads only, it is not intended for personnel use.*

Engineered for Added Safety The Load Arrestor is engineered to completely stop a dropping load. In the event of a failure of the primary lifting device that allows the load to fall or descend too quickly, the arrestor senses a descent speed in excess of 3.3-5 ft. (1-1.5m) per second and automatically engages an internal inertia-activated mechanical brake. This decelerates and stops the lowering of the suspended load within maximum 4 ft. (1.2m) and limit the shock forces to less than 1,350 lbs. (6kN). **Note:** *This device should be sent to an accredited service agent following a fall for re-certification.*

Easy Operation The Load Arrestor is installed adjacent to the primary lifting device and fixed to a suitable anchorage point having a minimum strength of 3,375 lbs. (15kN). Its retractable steel cable lifeline is then secured to the load. Internally, the cable lifeline is attached to the arrestor via an internal spring loaded drum that keeps the lifeline under a constant light tension yet allows unrestricted movement of the protected load.

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Form: 9700236 Rev: A

AJ545A Carabiner *Impact Indicator*

JRG Load Arrestor Models:

AD412/300: **JRG Load Arrestor with 40 ft. (12m) of galvanized cable, 660 lb. (300kg) load rating and AJ545A carabiner for anchoring device.**

Specifications:

Part Number: AD412/300 ***Maximum Load:*** 660 lbs. (300kg) ***Minimum Load:*** 66 lbs. (30kg) ***Cable length:*** 40 ft. (12m) ***Cable Diameter:*** 3/16" (5mm) galvanized ***Cable End Termination:*** Swaged thimbled eye ***Minimum Breaking Strength:*** 3,375 lbs. (15kN) ***Brake Activating Speed:*** 3.3-5 ft. (1-1.5m) per second ***Maximum Stopping Distance:*** 4 ft. (1.20m) ***Housing:*** High strength polyamide ***Carabiner:*** AJ545, 2" (50mm) opening ***Weight:*** 14 lbs. (6.4kg) ***Size:*** 8.9" diameter x 4.3" thick (222mm x 108mm) ***Standards:*** CE ascending machine directive 98/37 CE, certified by independent laboratory APAVE ***Special Instructions/Conditions of Use:*** Reading user instruction manual prior to use is essential.