

TECHNICAL DATA SHEET

Load arrestor blocmat™ 250 kg

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 page : **1/1**

FUNCTION :

The blocmat™ load arrestors have been designed to secure suspended loads. Should the load fall down, then the blocmat™ will hold the load.

DESCRIPTION AND PRINCIPLE OF USE :

The blocmat™ 250 kg are retractable load arrestors. The length of the wire rope is adjusted automatically by a tensioning and retraction system. The locking function is provided by two pawls which engage in a ratchet wheel by the operation of centrifugal force caused by the acceleration of the load. A multi disc braking system absorbs the shock when the load is arrested.

The blocmat™ is attached to a structure through a connector or a fixing bracket for tube ø 52 mm, according to the configuration and model.



The blocmat™ must be reconditioned immediately by an authorised person after a fall arrest.

- The blocmat™ must be used in vertical position.
- The blocmat™ anchor point must be calculated to support a vertical force of 20 kN for 250 kg.

ADVANTAGES :

- Short free fall height.
- The fall is stopped gradually.
- Minimum dead weight.
- Handles for transport.
- Minimum maintenance costs.



model 250 kg, 10 m



model 250 kg, 15 m
with connector



model
250 kg, 15 m
with fixing barcket

CHARACTERISTICS :

W.L.L. :	250 kg	250 kg	
Max length :	10 m	15 m	
Connection type :	with connector	with connector	with fixing bracket
Weight :	6 kg	15 kg	
Dimensions (L x l x h) :	650 x 200 x 75 mm	778 x 320 x 130 mm	805 x 320 x 130 mm
Braking distance :	750 mm	750 mm	
Max speed :	35 m/min	35 m/min	
Number of cycles (before replacement) :	10000	10000	
Wire rope :	Ø 4,7 mm (7 x 19 galva)	Ø 5 mm (18 x 7 non-rotating)	
Wire rope breaking force :	22 kN	22 kN	