

The blocmat® SI range material load arrestor has been designed to secure suspended loads. Three working load limit are available 1,100, 1,700 and 2,200 lbs. (500, 800 and 1000 kg). This range shall be fixed in a floor mounted position and used with an upper return sheave.

The blocmat® SI range is composed of:

- an automatic fall arrest device
- a rope reeling drum
- a reliable rectangular fixing plate

A centrifugal device continuously monitors the speed at which the wire rope passes through the fall arrest device and automatically triggers the closing of the jaw on the wire rope as soon as the speed exceeds a given threshold. The brake jaw grips over a large contact area, causing no damage to the wire rope.

A drilled plate allows the complete system to be anchored to floor mounted support steel profiles or concrete plates. The fall arrest device and the reeling drum are mounted to this fixing plate.

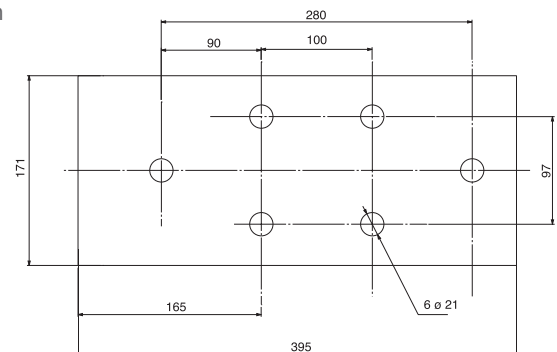
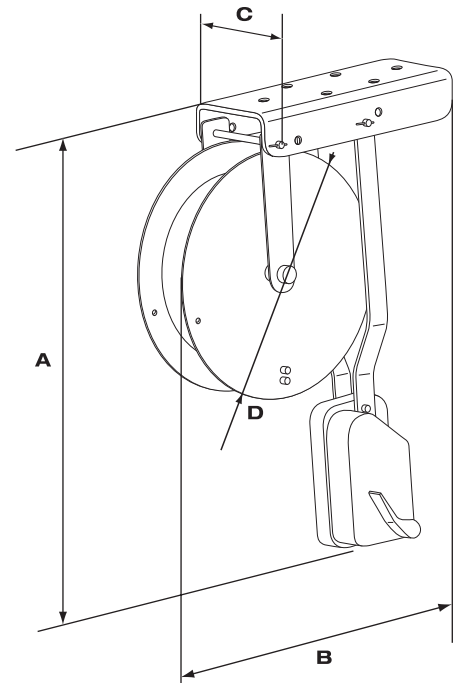
The structure where the blocmat® SI is anchored to shall be dimensioned to support a vertical force equal to 4 times the nominal load.

#### FEATURES

- Minimum free fall height (< 4 in. [100 mm])
- Fall arrest speed: 59 ft./min (18 m/min)
- Fall is stopped gradually
- Device can be reset by simple action to the lever
- Operation can be tested at any time by closing the jaw manually through the emergency button
- No need to recondition the device after the load is arrested

#### AVAILABLE MODELS

- **47269** with 50 ft. (15 m) of travel, ¼ in. (6.5 mm) wire rope
- **47279** with 80 ft. (25 m) of travel, ¼ in. (6.5 mm) wire rope
- **47289** with 32 ft. (10 m) of travel, ⅝ in. (8.3 mm) wire rope
- **47299** with 50 ft. (15 m) of travel, ⅝ in. (8.3 mm) wire rope
- **47309** with 32 ft. (10 m) of travel, ⅜ in. (9.5 mm) wire rope
- **47319** with 80 ft. (25 m) of travel, ⅜ in. (9.5 mm) wire rope



SPECIFICATIONS	47269	47279	47289	47299	47309	47319
<b>WORKING LOAD LIMIT</b>	1,100 lbs. (500 kg)	1,100 lbs. (500 kg)	1,700 lbs. (800 kg)	1,700 lbs. (800 kg)	2,200 lbs. (1,000 kg)	2,200 lbs. (1,000 kg)
<b>WIRE ROPE Ø</b>	¼ in. (6.5 mm)	¼ in. (6.5 mm)	⅝ in. (8.3 mm)	⅝ in. (8.3 mm)	⅜ in. (9.5 mm)	⅜ in. (9.5 mm)
<b>WIRE ROPE LENGTH</b>	50 ft. (15 m)	80 ft. (25 m)	32 ft. (10 m)	50 ft. (15 m)	32 ft. (10 m)	80 ft. (25 m)
<b>WEIGHT</b>	64 lbs. (29 kg)	86 lbs. (39 kg)	68 lbs. (31 kg)	79 lbs. (36 kg)	79 lbs. (36 kg)	104 lbs. (47 kg)
<b>DIMENSION "A"</b>	21.1 in. (715 mm)	21.1 in. (715 mm)	29.6 in. (753 mm)	29.6 in. (753 mm)	29.6 in. (753 mm)	29.6 in. (753 mm)
<b>DIMENSION "B"</b>	21.7 in. (550 mm)	25.5 in. (640 mm)	21.7 in. (550 mm)	25.2 in. (640 mm)	25.2 in. (640 mm)	25.2 in. (640 mm)
<b>DIMENSION "C"</b>	7.5 in. (190 mm)	7.5 in. (190 mm)	7.5 in. (190 mm)	7.5 in. (190 mm)	7.5 in. (190 mm)	7.5 in. (190 mm)
<b>DIMENSION "D"</b>	11.8 in. (300 mm)	15.7 in. (400 mm)	11.8 in. (300 mm)	15.7 in. (400 mm)	15.7 in. (400 mm)	15.7 in. (400 mm)

Specifications are subject to change without notice. Images are for illustrative purposes only.