



Physical Drum Specifications

Maximum doorweight HL	500 kg
Maximum cable diameter	ø5 mm
Shaft diameter	ø25.4 mm
Min. bearing bracket distance	111 mm
Shipping weight (with set screws) per pair	2 kg

Length of the cable wraps ø5 cable

Maximum high lift	1370 mm
Maximum door height in case HL>230mm*	4800 mm
Total revolutions safety wraps	2
Cable capacity of safety wraps	1150 mm
High moment arm	91.35 mm
Total revolutions of spiral	2.75
Cable capacity of spiral	1370 mm
Rate of rise of spiral portion	8 mm
Total revolutions of flat part	10.5
Cable capacity of flat part	4570 mm
Flat moment arm	69.2 mm
Circumference of the flat portion	434.8 mm
Total wraps	15.25
Total cable capacity	7100 mm

* In case HL = 1370 (=max). → max doorheight = 4570 + 1370 = 5940mm.

Screw

Locking bolt radial DIN 916	M8 x 20mm
Locking bolt under angle from the side	No
Locking bolt on the key	Yes
Max torque bolts	15 N/m

Calculation of cable length high lift:

Distance floor to the center shaft + value table - high lift + cable length bottom.

Cable length rule

Using end stops on the cable	2530 mm
Using 3rd set screw	2650 mm