

1. Transport and storage

1.1 Transportation of cable drums

Do not lay drums down on their sides



1.2 Moving of cable drums

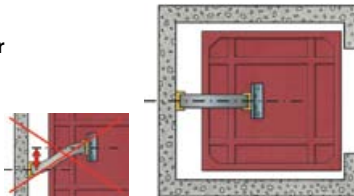
Position on both drum flanges anytime during transport and storage



2. Installation instructions for all travelling heights

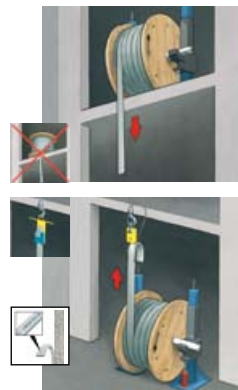
2.1 Installation position on shaft and car floor

Positions must be aligned



2.2 Paying out of cables into the shaft

Direction of the cable: parallel to drum flanges
No twisting
Cable printing > to shaft wall



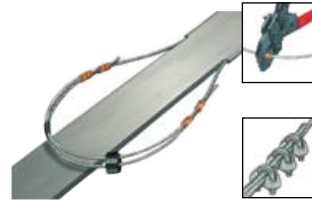
Use of guiding pulleys:
Min. $\varnothing 28 \times$ cable thickness t

3. Installation of FH elevator travelling cables

3.1 Forming loop

Draw other end of steel wire rope through 2nd sleeve.
Use tape for parallel fixation

Alternative to crimping sleeves:
3 x Crosby clips G-450 each side
or cable grip DIN 1142



Compress sleeve according table

Ø Steel Wire (mm)	Sleeve Part No. sleeve	Type	Sleeves per loop	Crimps per crimping	Section of tool (inch)
2.5	166 668	SL 2-3	1+1	2	3/32
3.0	166 669	SL 2-4	1+1	2	1/8
3.2	166 669	SL 2-4	1+1	2	1/8
4.0	182 059	SL 2-5	2+2	3	5/32
5.0	182 060	SL 2-6	2+2	3	3/16
6.0	182 061	SL 2-7	2+2	3	3/16

3.2 Preparation for cable installation

A1 / A2 = Spacing distance between steel wire ropes

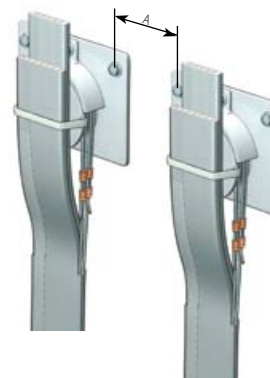


A1 ≤ 50mm = L min. 500mm
A2 > 50mm = L min. 300mm



3.3 Combination with different cable widths

Cable with bigger dimension should be outside



3.4 Installation of multiple suspension devices side by side

Spacing A = min. 160mm
(Concrete strength required
bw = 30N/mm²)

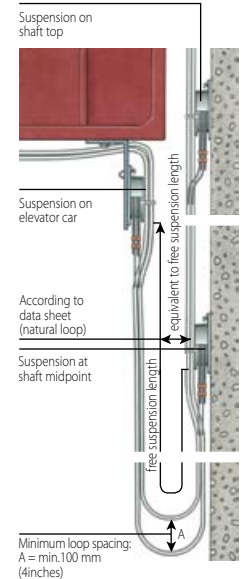


3.5 Installation position of suspension devices for FH cables

Max. Travelling height = 400m (1312 feet)

Max. Free suspension length = 220m (722 feet)

A 3rd suspension device is required at shaft midpoint if the actual travelling height is higher than the free suspension length.



3.6 Installation machine room below

Add a distance filler between LZ 4001 and shaft wall - cable from below behind the LZ 4001

Cable must be looped back on itself and free of tension

Diameter for fixed loop = Minimum 14 x cable thickness t



Printing to shaft wall



1. Transport and storage

1.1 Transportation of cable drums

Do not lay drums down on their sides



1.2 Moving of cable drums

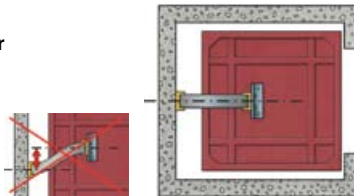
Position on both drum flanges anytime during transport and storage



2. Installation instructions for all travelling heights

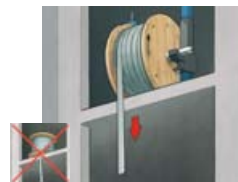
2.1 Installation position on shaft and car floor

Positions must be aligned

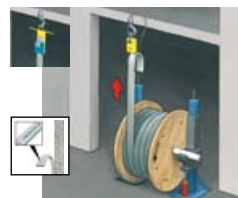


2.2 Paying out of cables into the shaft

Direction of the cable: parallel to drum flanges
No twisting
Cable printing > to shaft wall



Use of guiding pulleys:
Min. \varnothing 28 x cable thickness t



3. Installation of FL and FM elevator travelling cables

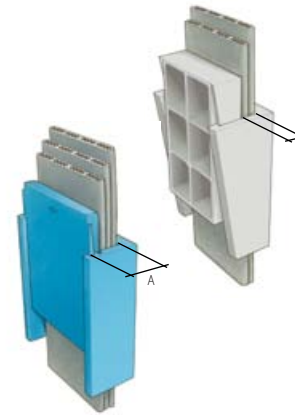
3.1 Maximum clamping thickness of suspension device

Max. 3 cables

LZ 1006 (grey)
Clamping range A = 3-12mm
Width of cable \leq 55mm

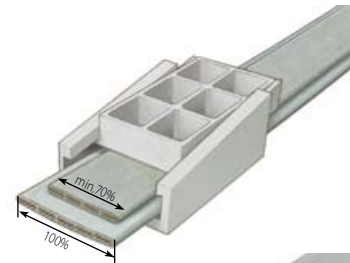
LZ 1009 (grey)
Clamping range A = 3-15mm
Width of cable \leq 56-79mm

LZ 1010 (blue)
Clamping range A = 3-22mm
Width of cable \leq 80-100mm



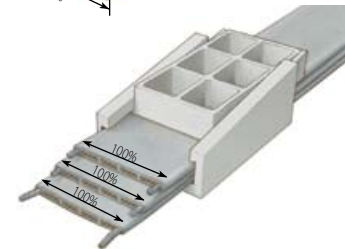
3.2 Cable combination for Dynofil FL

Max. 3 cables
different cable widths possible



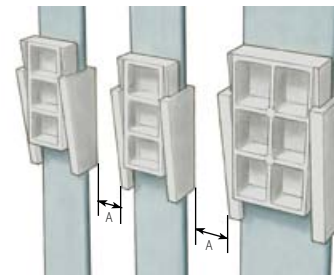
3.3 Cable combination for Dynofil FM

Max. 3 cables
Combination only with equal cable widths



3.4 Fixing several adjacent suspension devices

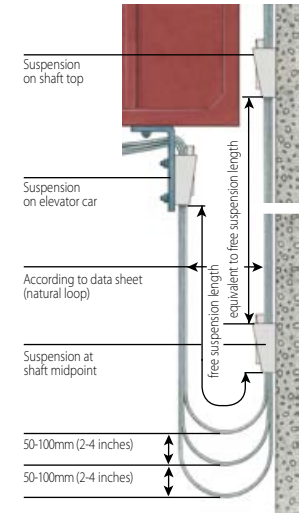
Spacing A = min. 50mm



3.5 Installation positions of suspension devices for FL and FM cables

	FL	FM
Max. Travelling height	80m (260 feet)	150m (490 feet)
Max. Free suspension length	45m (150 feet)	80m (260 feet)

A 3rd suspension device is required at shaft midpoint if the actual **travelling height** is higher than the **free suspension length**.



3.6 Minimum loop spacing for cable combination

Distance between loops 50-100mm (2-4 inches)
Thickest cable on bottom – thinnest cable on top



3.7 Installation machine room below

Only one cable per suspension device

Diameter for fixed loop = min. 14 x cable thickness t

Loop cable back on itself



Printing to shaft wall