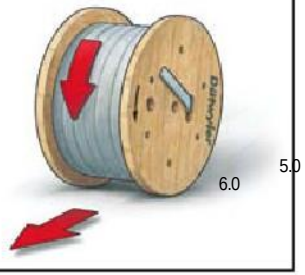
Transport and storage

1.1 Transportation of cable drums

Do not lay drums down on their sides

1.2 Moving of cable drums

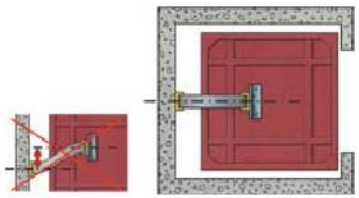
Position on both drum flanges anytime during transport and storage



Installation instructions

2.1 Installation position on shaft and car floor

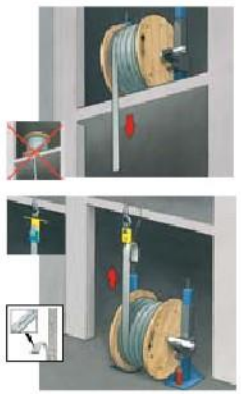
Positions must be aligned



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. Ø 28 x 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

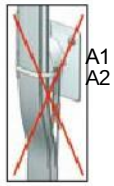
Alternative to crimping sleeves:
3 x Crospy clips G-450 each side
or cable grip DIN 1142

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

2.3 Preparation for cable installation

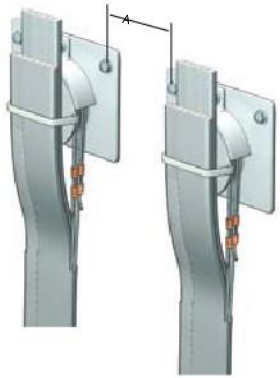
A1 / A2 = Spacing distance between steel wire ropes



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

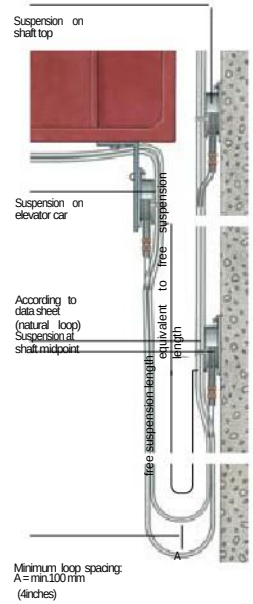
Spacing A = min. 160mm
(Concrete strength required bw = 30N/mm

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 lenght**.

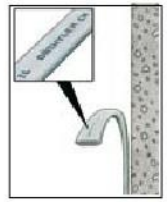


3.6 Installation machine room below

Add a distance filler between LZ 4001 and shaft whall
- 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

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Transport and storage

1.1 Transportation of cable drums

Do not lay drums down on their sides

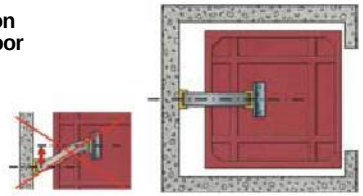
1.2 Moving of cable drums

Position on both drum flanges anytime during transport and storage

Installation instructions for all travelling heights

2.1 Installation position on shaft and car floor

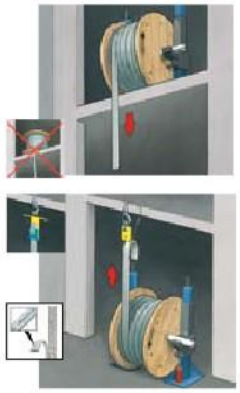
Positions must be aligned



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. Ø 28 x cable thickness t



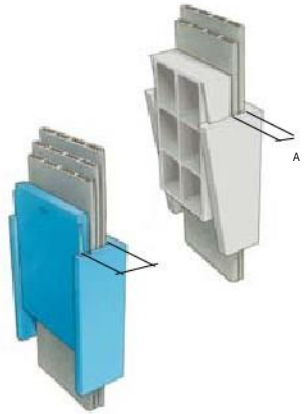
3. Installation of FL and FM elevator travelling cables

3.1 Maximum clamping thickness of suspension device
Max. 3 cables

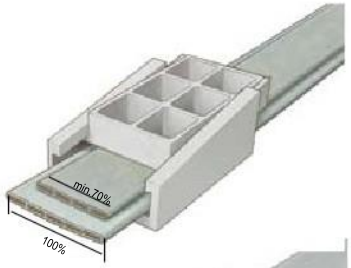
LZ 1006 (grey)
Clamping range A = 3-12mm
Width of of cable ≤ 55mm

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

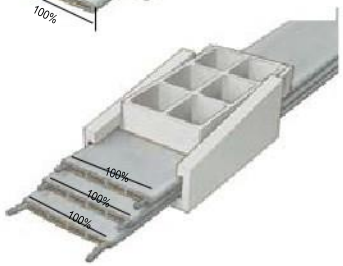
LZ 1010 (blue)
Clamping range A = 3-22mm
Width of of cable ≤ 80-100mm



3.2 Cable combination for Dynofil FL
Max. 3 cables
different cable widths possible

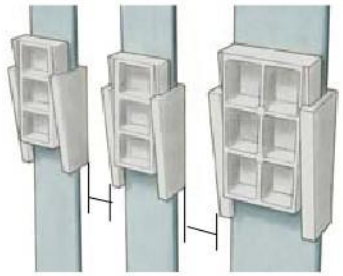


3.3 Cable combination for Dynofil FM
Max. 3 cables
Combination only with equal cable widths



3.4 Fixing several adjacent suspension devices

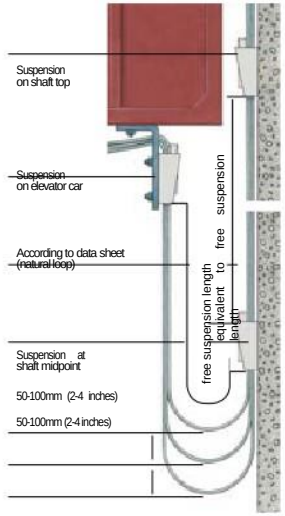
Spacing A= min. 50mm



3.5 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 lenght**.



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 deviceDiameter for fixed loop = min. 14 x cable thickness t
Loop cable back on itself

Printing to shaft wall

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