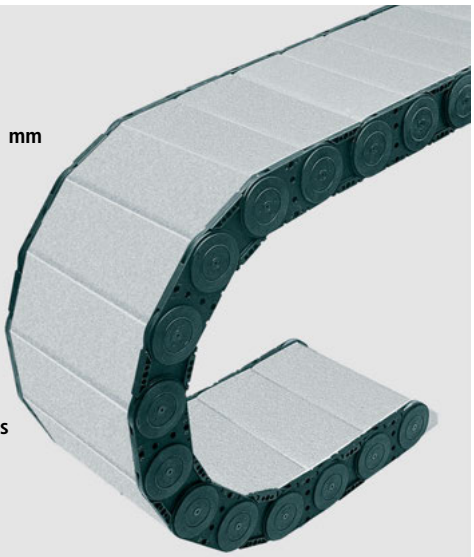
Inside height
105

Inside widths
200 – 1000

XLT Series

TUBES with variable chain widths

- Aluminum cover systems available in 1 mm width sections
- Large dimensions
- Can be quickly opened on the inside and outside for cable laying
- Highly wear-resistant, replaceable glide shoes available – resulting in minimal wear at high speeds, sliding in the guide channel
- Different connection variants
- Different ways of separating the cables
- Optionally with strain relief
- TÜV design approved in accordance with 2PfG 1036/10.97



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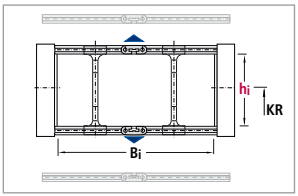
Type XLT with aluminum cover system (stay variant RMD)



Type	h_i	B_i	Maximum travel length in m	Dynamics of unsupported arrangement		Page
				Travel speed v_{max} in m/s	Travel acceleration a_{max} in m/s²	
XLT 1650	105	200-1000	300	4	20	317

Dimensions in mm

Carrier construction and cover system

WIDTHSECTIONS
1 mm

Available in **1 mm width sections**.

RMD cover system made of aluminum – solid version
Bolted, high stability, large carrier widths

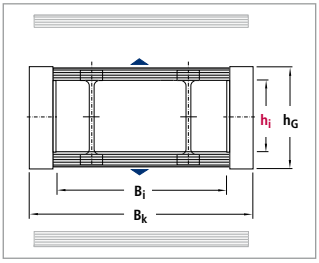
Subject to change.

Type XLT 1650

Dimensions and intrinsic chain weight

Type	Stay variant	h_i	h_G	B_i min	q_k min	B_i max	q_k max	B_k
XLT 1650	RMD	105	140	200	17	1000	50	B_i + 68

Dimensions in mm



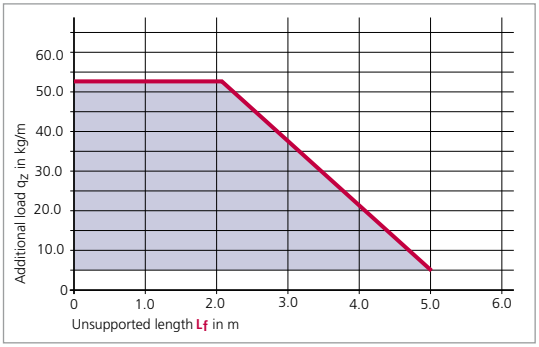
Bend radius and pitch

Type	Bend radii KR mm					
XLT 1650	300	350	400	450	500	550

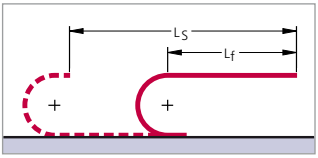
Pitch t = 165 mm

Load diagram

for unsupported length L_f depending on the additional load



Unsupported length L_f



In the case of longer travel lengths, sag of the cable carriers is technically permissible depending on the application.

In a gliding arrangement, even longer travel lengths are possible (see page 375).

We are at your service to advise on these applications.

Example of ordering

Cable carrier								Divider system		Connection
XLT 1650	.	700	.	RMD	.	400	-	4950	TS 0 /	4	FA/MA
Type		Inside width B_i in mm		Stay variant		Bend radius KR in mm		Chain length* L_k in mm (without connection)	Divider system	Number of dividers n_T	Connection Fixed point/ Driver

Ordering divider systems:
Please state the designation of the divider system (TS 0, TS 1 ...) and the number of dividers. Possibly attach a sketch with the dimensions.

* The calculated chain length L_k **must** always be rounded to an odd number of chain links.

Subject to change.

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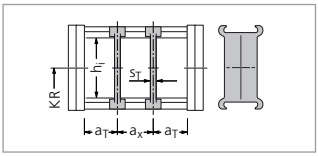
Cable Carrier Configurator

Type XLT 1650

Divider system TS 0

Type	Stay variant	h_i mm	S_T mm	$a_{T\,min}$ mm	$a_{x\,min}$ mm
XLT 1650	RMD	105	8	6	25

The dividers can be moved in the cross section.



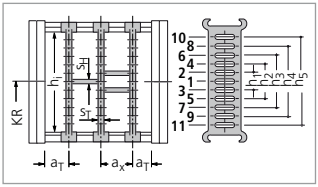
In the standard version, the divider systems are mounted on every second chain link.

Divider system TS 3 with section subdivision, partitions made of plastic

Type	Stay variant	h_i mm	S_T mm	$a_{T\,min}$ mm	$a_{x\,min}$ mm	S_H mm	h_1 mm	h_2 mm	h_3 mm	h_4 mm	h_5 mm
XLT 1650	RMD	105	8	1	16*	4	14	28	42	56	70

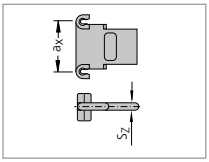
* When using plastic partitions

The dividers are fixed by the partitions, the complete divider system is movable.



In the standard version, the divider systems are mounted on every second chain link.

Dimensions of the plastic partitions for TS 3



Aluminum partitions in 1 mm width sections are also available.

S_Z	a_x (center-to-center dividers)									
4	16	18	23	28	32	33	38	43	48	58
	64	68	78	80	88	96	112	128	144	160
	176	192	208	–	–	–	–	–	–	–

Dimensions in mm

When using **partitions with a_x > 112 mm** there should be an additional central support with a **twin divider** (S_T = 5 mm).

Twin dividers are designed for subsequent fitting in the partition system.

Gliding elements – the economical solution for gliding applications

Replaceable glide shoes made of plastic

To extend the life of cable carriers in gliding operations KABELSCHLEPP supplies detachable, exchangeable glide shoes.

Replaceable glide shoes are a very economical solution. When wear occurs only the glide shoes are replaced, and not the complete cable carrier.

Chain height with glide shoes:

$h_{G'}$ = 147 mm

! By means of a positive snap connection, the glide shoes sit firmly on the chain link.

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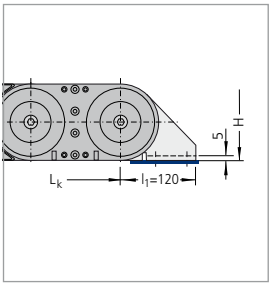
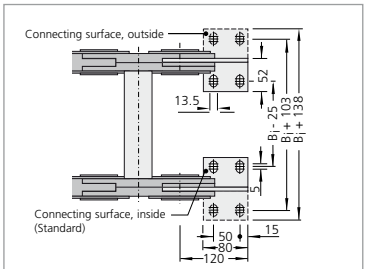
Subject to change.

Type XLT 1650

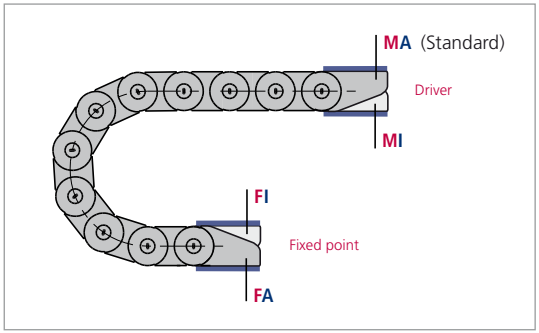
Connectors made of steel plate





The dimensions of the fixed point and driver connections are identical.

Connection variants



Connection point

M – Driver

F – Fixed point

Connection type

A – Threaded joint (standard)

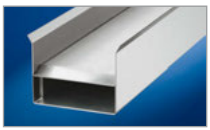
I – Threaded joint, inside

In the standard version, the connectors are mounted with the threaded joint outwards (**FA/MA**).

When ordering please specify the desired connection type (see ordering key on page 419).

The connection type can subsequently be altered.

Guide channels
➤ from page 375



Strain relief devices
➤ from page 381

Cables for cable carrier systems
➤ from page 438

Subject to change.