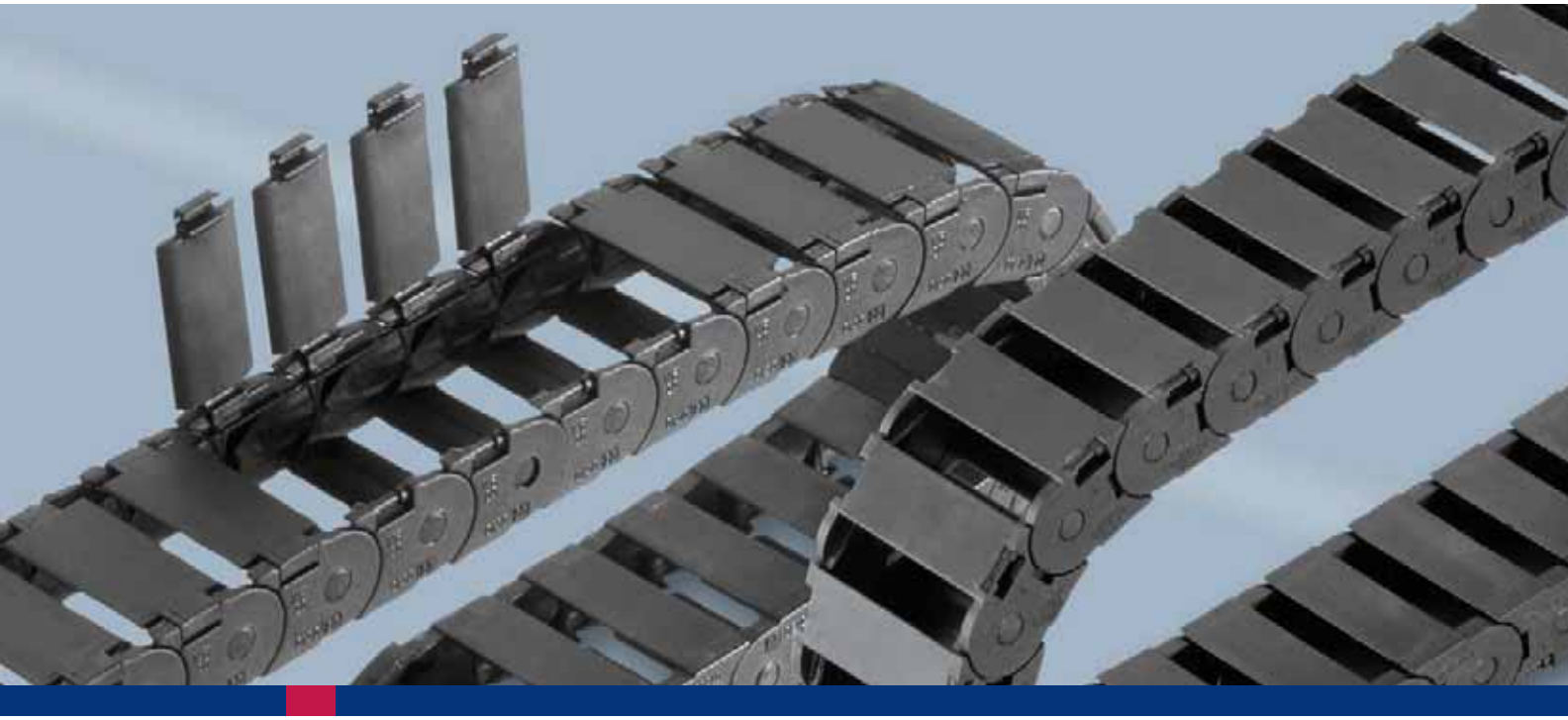
KABELSCHLEPP

the power to innovate

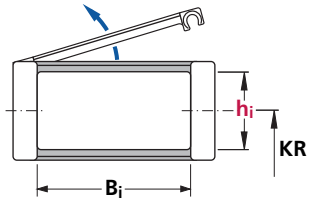
Cable carriers with fixed chain widths

MONO



MONO – Cable carriers with fixed chain widths

- Solid plastic
- Single unit chain links with the option of either fixed or openable brackets
- Simple and quick assembly
- End connectors with integrated strain relief
- Almost all types available immediately ex stock all around the world
- TÜV design approved in accordance with 2PfG 1036/10.97

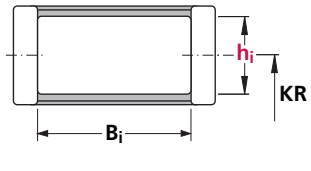


Types 0130, 0180

Cable carriers with **hinged, openable** brackets

Dimensions in mm

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	
0130	**10**	6-40	40	10	50	30
0180	**15**	10-40	70	10	50	32



Types 0132, 0202, 0182

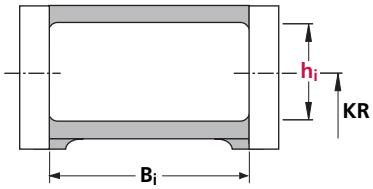
Cable carriers with **fixed** brackets

Dimensions in mm

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	
0132	**10**	6-40	40	10	50	30
0182	**15**	10-40	70	10	50	32
0202	**11**	6-20	70	10	50	34

MONO – Cable carriers with fixed chain widths

Type 0320



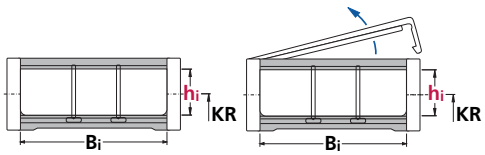
Type 0320

Cable carriers with **fixed** brackets

Dimensions in mm

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	
0320	19	13-37	80	10	50	36

Type 0450



Types 0450.x0 and 0450.x2 | Type 0450.x1

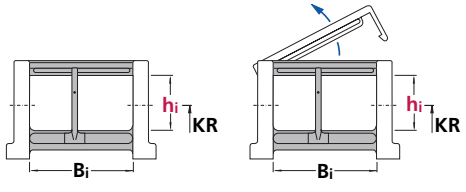
Type 0450

Cable carriers with **hinged, openable or fixed** brackets

Dimensions in mm

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	
0450.x0	24	38-103	120	10	50	38
0450.x1	24	38-103	120	10	50	38
0450.x2	28	38-103	120	10	50	38

Type 0625



Type 0625.22,40,42 | Type 0625.23,43 and 0625.x5

Type 0625

Cable carriers with **hinged, openable or fixed** brackets

Dimensions in mm

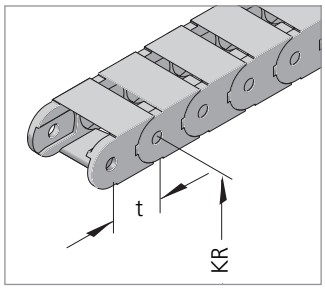
Type	h_i	B_i	Maximum travel length in m	Dynamics of unsupported arrangement		Page
				Travel speed v_{max} in m/s	Travel acceleration a_{max} in m/s²	
0625.22 0625.40 0625.42	34	65-108	130	8	40	42
0625.23 0625.43	34	65-108	130	8	40	42
0625.x5	42	65-169	130	8	40	42

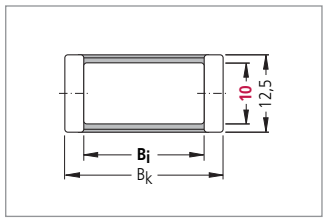
MONO – Types 0132 and 0130

Dimensions and intrinsic chain weight

Type 0132

Inside/Outside: Not to be opened

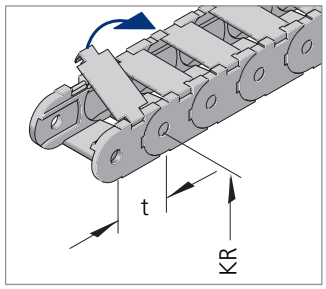


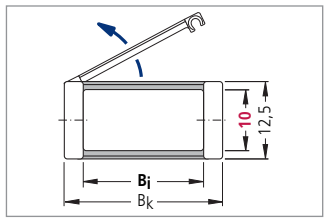


Type	B_i mm	B_k mm	Intrinsic chain weight kg/m
0132.**06**	**6**	12	0.13
0132.**10**	**10**	16	0.14
0132.**15**	**15**	21	0.15
0132.**20**	**20**	26	0.16
0132.**30**	**30**	36	0.18
0132.**40**	**40**	46	0.20

Type 0130

Outside: Hinged, openable brackets





Type	B_i mm	B_k mm	Intrinsic chain weight kg/m
0130.**06**	**6**	12	0.13
0130.**10**	**10**	16	0.14
0130.**15**	**15**	21	0.15
0130.**20**	**20**	26	0.16
0130.**40**	**40**	46	0.20

Bend radius and pitch

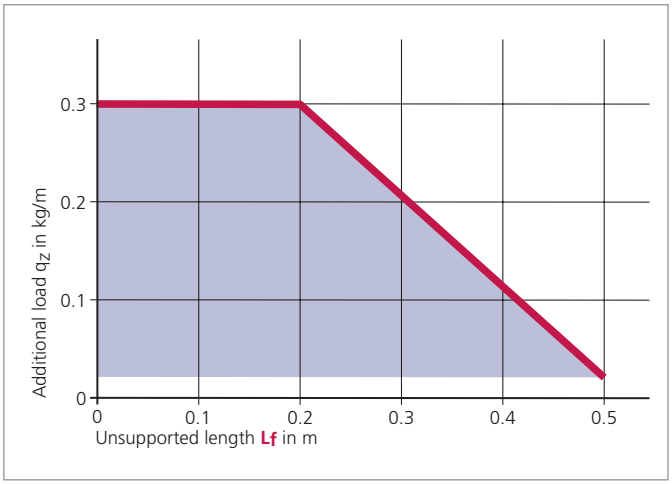
Types 0132 and 0130

Bend radii KR mm		
20	28	37

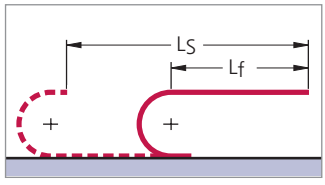
Pitch t = 13.0 mm

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 219).

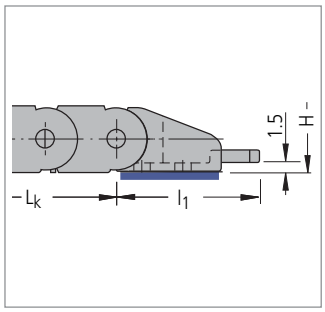
We are at your service to advise on these applications.

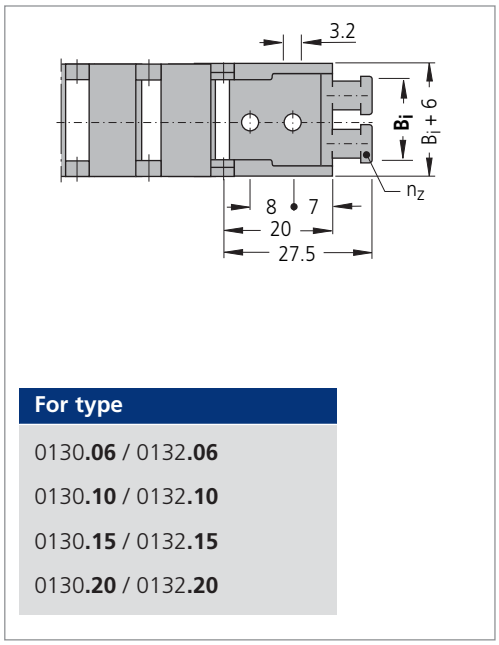
MONO – Types 0132 and 0130

Connection dimensions

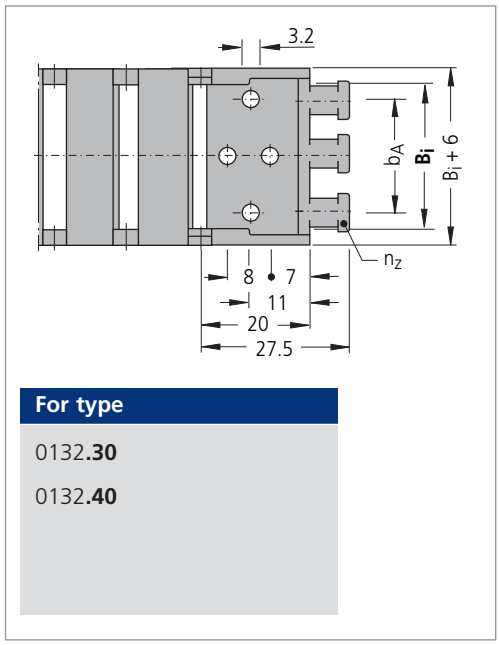
Plastic connectors

with integrated strain relief





For type
0130.**06** / 0132.**06**
0130.**10** / 0132.**10**
0130.**15** / 0132.**15**
0130.**20** / 0132.**20**

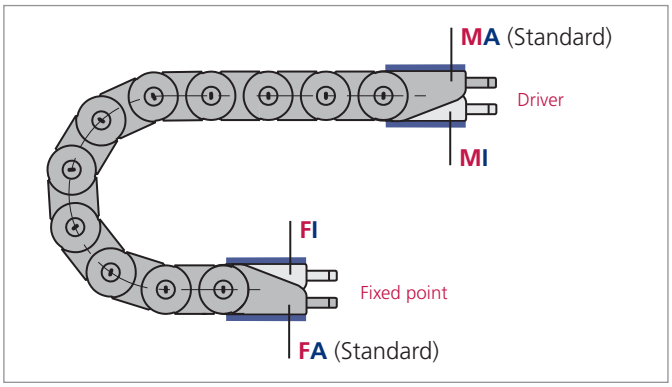


For type
0132.**30**
0132.**40**

Type	B_i mm	B_k mm	b_A mm	n_z
0130.**06** / 0132.**06**	**6**	12	–	1
0130.**10** / 0132.**10**	**10**	16	–	1
0130.**15** / 0132.**15**	**15**	21	–	2
0130.**20** / 0132.**20**	**20**	26	–	2
0132.**30**	**30**	36	22	3
0132.**40**	**40**	46	32	4

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 outside (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 242).

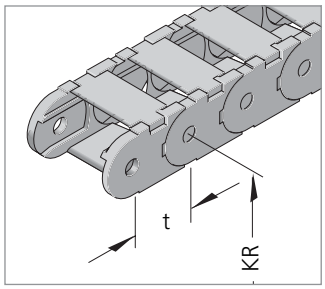
The connection type can subsequently be altered simply by varying the connectors.

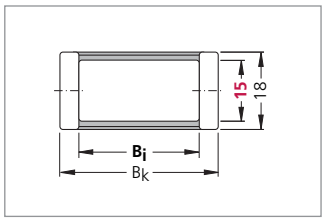
MONO – Types 0182 and 0180

Dimensions and intrinsic chain weight

Type 0182

Inside/Outside: Not to be opened

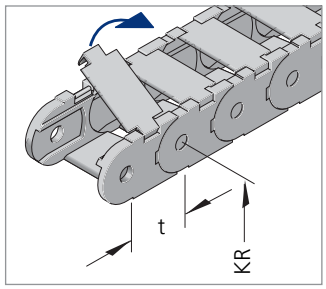


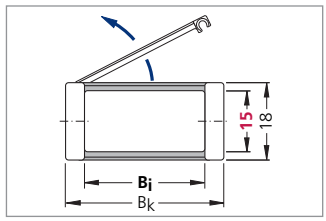


Type	B_i mm	B_k mm	Intrinsic chain weight kg/m
0182.**10**	**10**	18	0.23
0182.**15**	**15**	23	0.24
0182.**20**	**20**	28	0.25
0182.**30**	**30**	38	0.28
0182.**40**	**40**	48	0.30

Type 0180

Outside: Hinged, openable brackets





Type	B_i mm	B_k mm	Intrinsic chain weight kg/m
0180.**10**	**10**	18	0.23
0180.**15**	**15**	23	0.24
0180.**20**	**20**	28	0.25
0180.**30**	**30**	38	0.28
0180.**40**	**40**	48	0.30

Bend radius and pitch

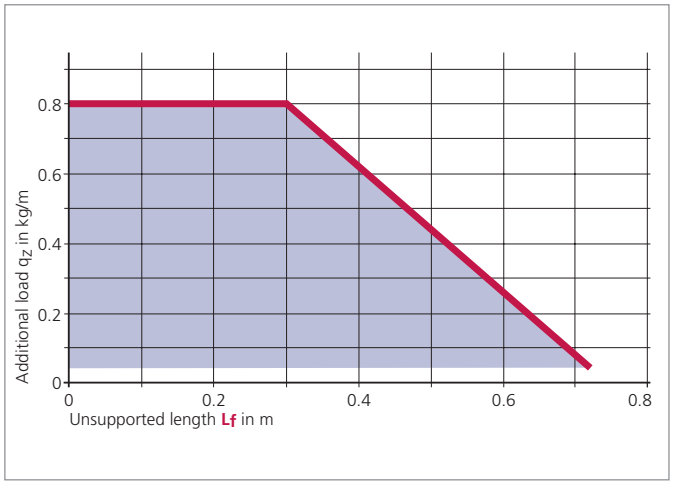
Types 0182 and 0180

Bend radii KR mm		
28	37	50

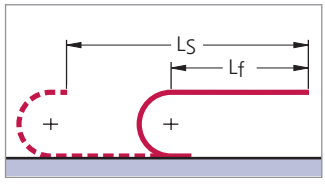
Pitch t = 18.0 mm

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 219).

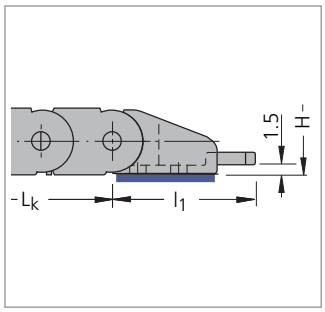
We are at your service to advise on these applications.

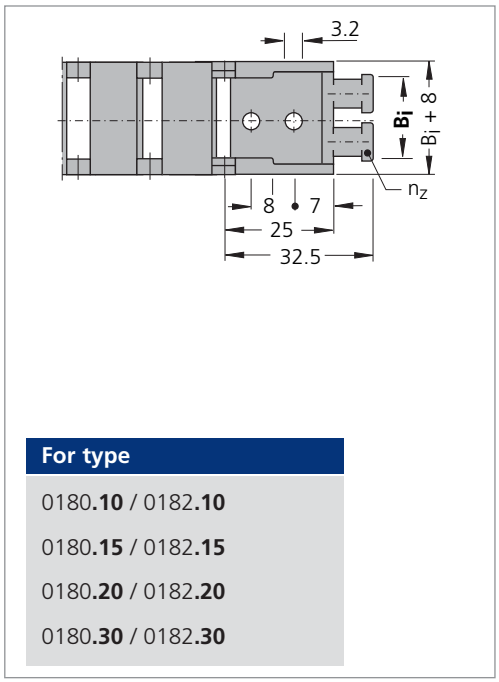
MONO – Types 0182 and 0180

Connection dimensions

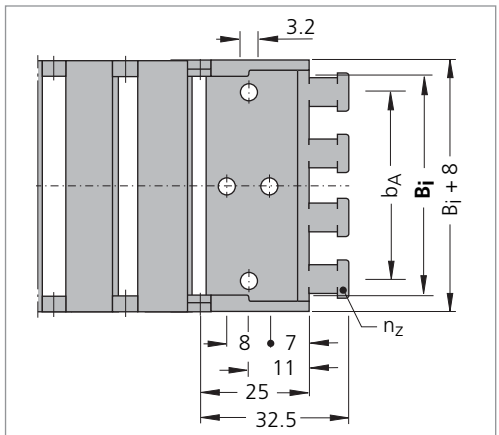
Plastic connectors

with integrated strain relief





For type
0180.**10** / 0182.**10**
0180.**15** / 0182.**15**
0180.**20** / 0182.**20**
0180.**30** / 0182.**30**

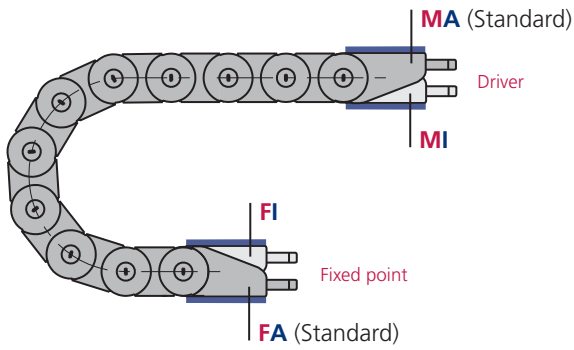


For type
0180.**40**
0182.**40**

Type	B_i mm	B_k mm	b_A mm	n_z
0180.**10** / 0182.**10**	**10**	18	–	1
0180.**15** / 0182.**15**	**15**	23	–	2
0180.**20** / 0182.**20**	**20**	28	–	2
0180.**30** / 0182.**30**	**30**	38	–	3
0180.**40** / 0182.**40**	**40**	48	32	4

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 outside (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 242).

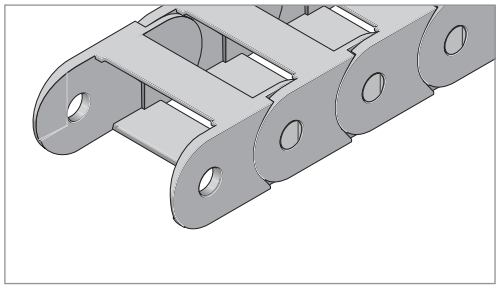
The connection type can subsequently be altered simply by varying the connectors.

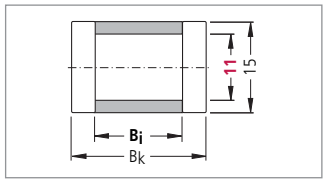
MONO – Type 0202

Dimensions and intrinsic chain weight

Type 0202

Inside/Outside: Not to be opened





Type	B_i mm	B_k mm	Intrinsic chain weight kg/m
0202.**06**	**6**	13	0.14
0202.**10**	**10**	17	0.15
0202.**15**	**15**	22	0.16
0202.**20**	**20**	27	0.17

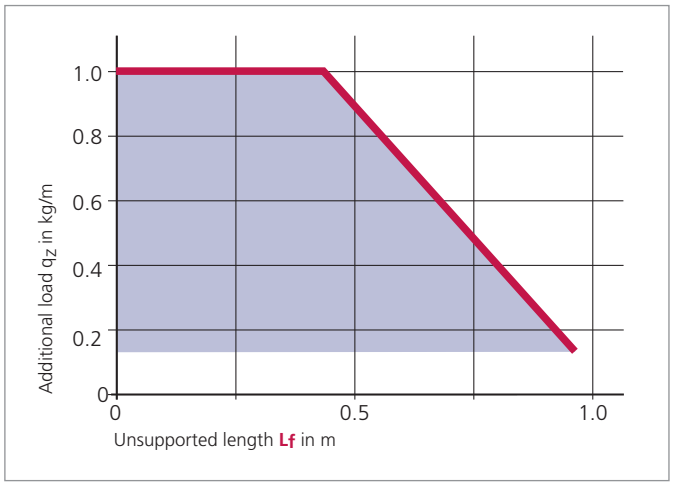
Bend radius and pitch

Bend radii KR mm			
18	28	38	50

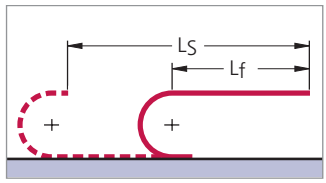
Pitch t = 20.0 mm

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 219).

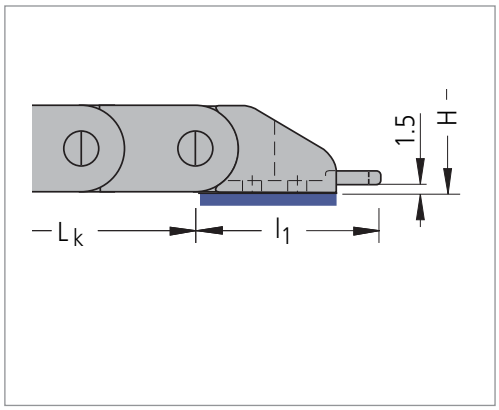
We are at your service to advise on these applications.

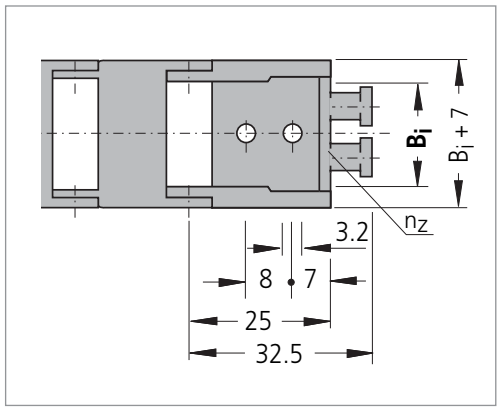
MONO – Type 0202

Connection dimensions

Plastic connectors

with integrated strain relief

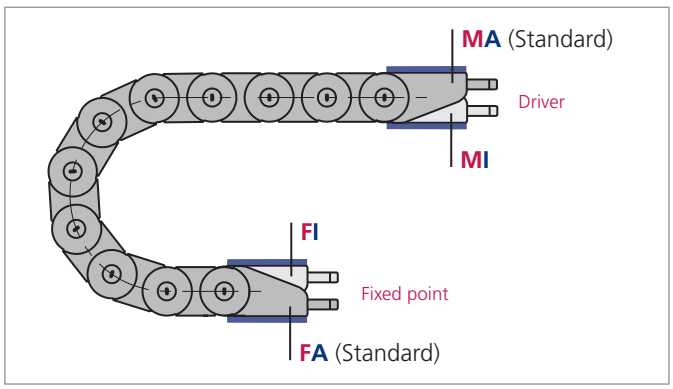




Type	B_i mm	B_k mm	n_z
0202.**06**	**6**	13	1
0202.**10**	**10**	17	1
0202.**15**	**15**	22	2
0202.**20**	**20**	27	2

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 outside (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 242).

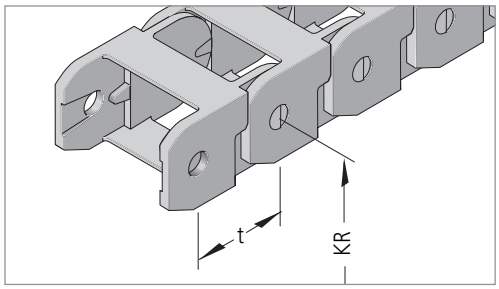
The connection type can subsequently be altered simply by varying the connectors.

MONO – Type 0320

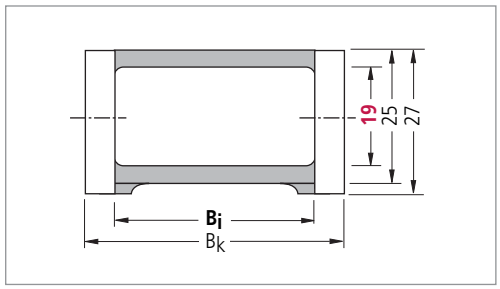
Dimensions and intrinsic chain weight

Type 0320

Inside/Outside: Not to be opened

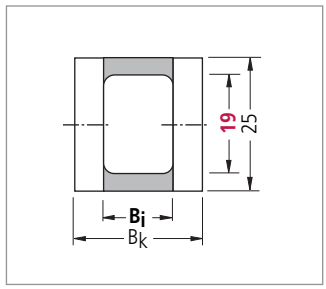


Type 0320 / .42 / .52 / .62
Inside/Outside: Not to be opened



With glide runners

Type 0320.20 / .30
Inside/Outside:
Not to be opened



Type 0320.20 / .30

Type	B_i mm	B_k mm	Intrinsic chain weight kg/m
0320.**20**	**13**	24	0.32
0320.**30**	**19**	30	0.35

Type 0320 / .42 / .52 / .62

Type	B_i mm	B_k mm	Intrinsic chain weight kg/m
0320.**42**	**24**	35	0.39
0320.**52**	**29**	40	0.44
0320.**62**	**37**	48	0.47

Bend radius and pitch

Type 0320.20 / .30

Bend radii KR mm		
37	47	77

Pitch t = 32.0 mm

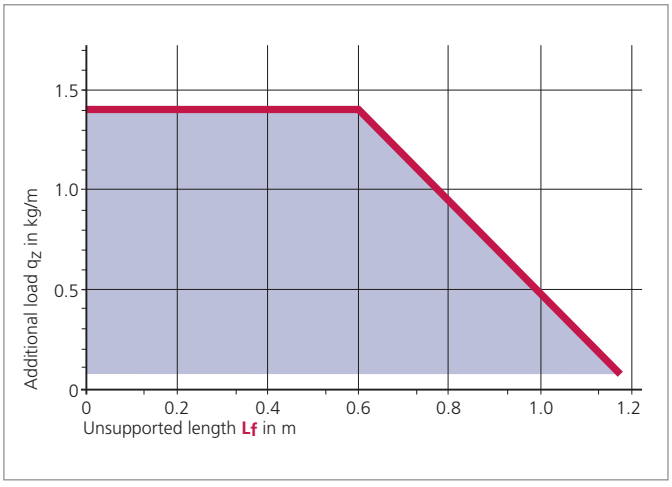
Type 0320 / .42 / .52 / .62

Bend radii KR mm			
37	47	77	100

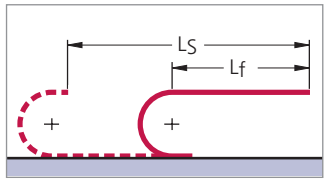
Pitch t = 32.0 mm

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 219).

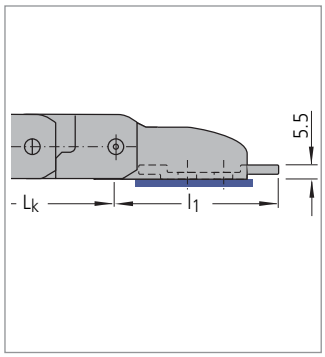
We are at your service to advise on these applications.

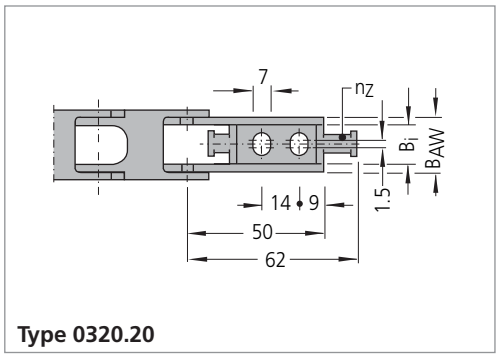
MONO – Type 0320

Connection dimensions

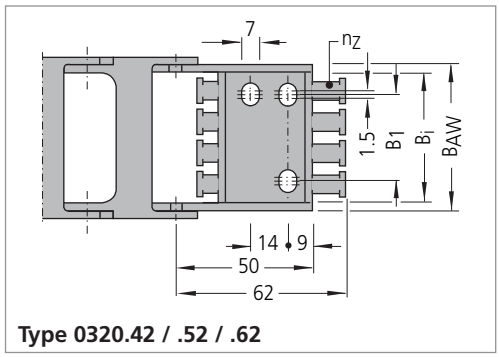
Plastic connectors

with integrated strain relief





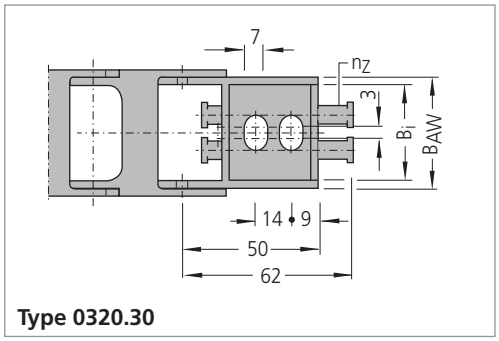
Type 0320.20



Type 0320.42 / .52 / .62

Connection dimensions at fixed-point connection:
B_{AW} = B_i + 5.5
B_1 = B_i – 12.5

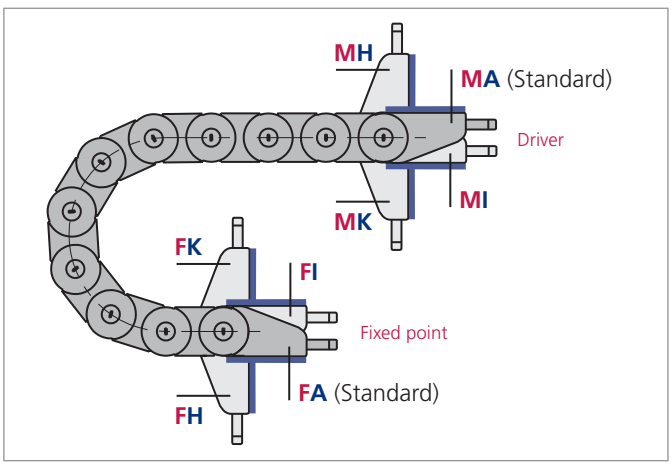
Connection dimensions at driver connection:
B_{AW} = B_i + 11
B_1 = B_i – 10.5



Type 0320.30

Type	B_i mm	B_k mm	n_z
0320.**20**	**13**	24	1
0320.**30**	**19**	30	2
0320.**42**	**24**	35	2
0320.**52**	**29**	40	3
0320.**62**	**37**	48	4

Connection variants



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 242).

The connection type can subsequently be altered simply by varying the connectors.

Connection point

M – Driver

F – Fixed point

Connection type

A – Threaded joint outside (standard)

I – Threaded joint inside

H – Threaded joint, rotated through 90° to the outside

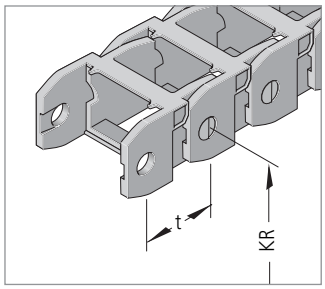
K – Threaded joint, rotated through 90° to the inside

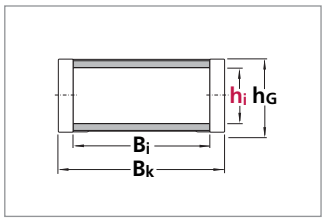
MONO – Type 0450

Dimensions and intrinsic chain weight

Type 0450

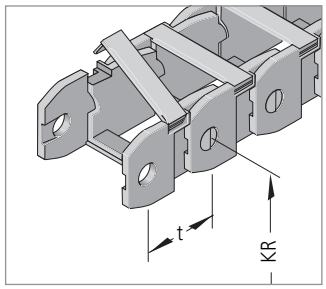
Inside/Outside: Not to be opened

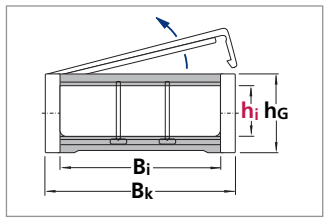




Type 0450

Outside: Hinged, openable and detachable brackets





Type 0450
Inside/Outside: Not to be opened – h_i = 24 mm

Type	h_i mm	h_G mm	B_i mm	B_k mm	Intrinsic chain weight kg/m
0450.**20**	**24**	34	**38**	54	0.65
0450.**40**	**24**	34	**58**	74	0.78
0450.**60**	**24**	34	**78**	94	0.92
0450.**85**	**24**	34	**103**	119	1.20

Type 0450
Outside: Hinged, openable and detachable brackets

Type	h_i mm	h_G mm	B_i mm	B_k mm	Intrinsic chain weight kg/m
0450.**21**	**24**	40	**38**	54	0.75
0450.**41**	**24**	40	**58**	74	0.85
0450.**61**	**24**	40	**78**	94	0.92
0450.**81**	**24**	40	**103**	119	1.20

Type 0450
Inside/Outside: Not to be opened – h_i = 28 mm

Type	h_i mm	h_G mm	B_i mm	B_k mm	Intrinsic chain weight kg/m
0450.**22**	**28**	40	**38**	54	0.75
0450.**32**	**28**	40	**48**	64	0.80
0450.**42**	**28**	40	**58**	74	0.85
0450.**62**	**28**	40	**78**	94	0.95
0450.**82**	**28**	40	**103**	119	1.10

Bend radius and pitch

Type 0450
Inside/Outside: Not to be opened – h_i = 24 mm

Bend radii KR mm				
52	94	125	150	200

Pitch t = 45.0 mm

Type 0450
Outside: Hinged, openable and detachable brackets

Bend radii KR mm				
52	94	125	150	200

For type 0450.41, the KR 110 is also available.

Pitch t = 45.0 mm

Type 0450
Inside/Outside: Not to be opened – h_i = 28 mm

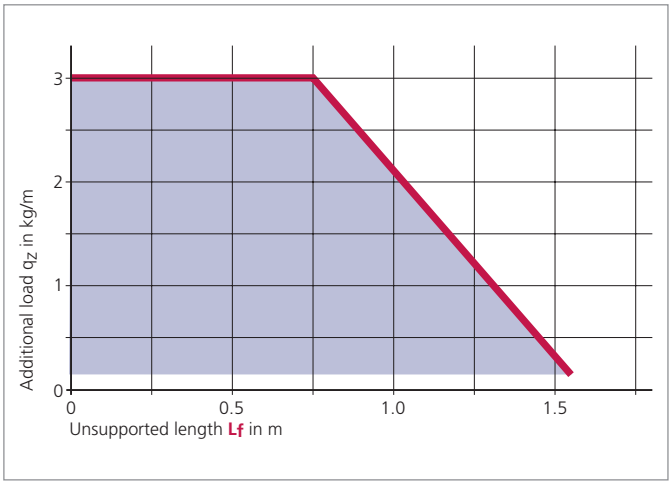
Bend radii KR mm							
52	60	75	94	110	125	150	200

Pitch t = 45.0 mm

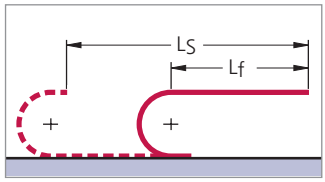
MONO – Type 0450

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 219).

We are at your service to advise on these applications.

MONO – Type 0450

Divider systems

Divider system TS 0

For types not to be opened – h_i = 24 mm

Type	S_T mm	$a_{T\ min}$ mm	$a_{x\ min}$ mm
0450	2.5	13.5	9

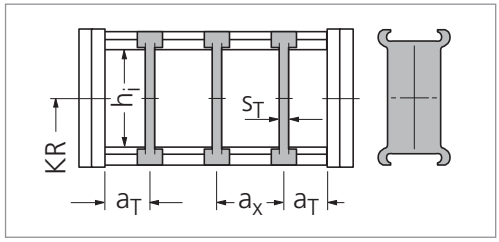
For types not to be opened – h_i = 28 mm

Type	S_T mm	$a_{T\ min}$ mm	$a_{x\ min}$ mm
0450	4.2	4.0	7.8

For types with hinged, openable and detachable brackets

Type	S_T mm	$a_{T\ min}$ mm	$a_{x\ min}$ mm
0450	2.5	4.0	8.0

The dividers can be moved in the cross section.



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

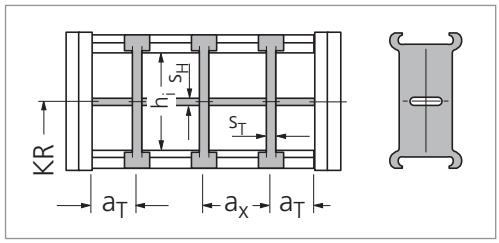
Divider system TS 1

with continuous height subdivision made of plastic

For types not to be opened – h_i = 28 mm

Type	S_T mm	S_H mm	$a_{T\ min}$ mm	$a_{x\ min}$ mm
0450	4.2	4	4.0	7.8

The dividers can be moved in the cross section.



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

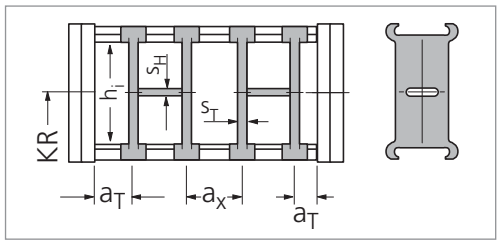
Divider system TS 2

with plastic height subdivision, available in 4 mm section widths

For types not to be opened – h_i = 28 mm

Type	S_T mm	S_H mm	$a_{T\ min}$ mm	$a_{x\ min}$ mm
0450	4.2	4	4.0	7.8

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



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

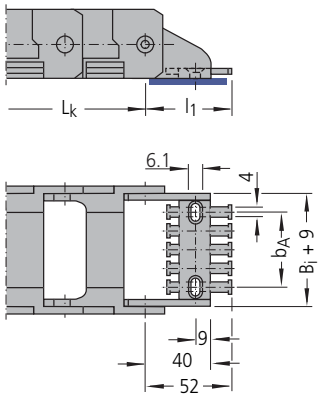
MONO – Type 0450

Connection dimensions

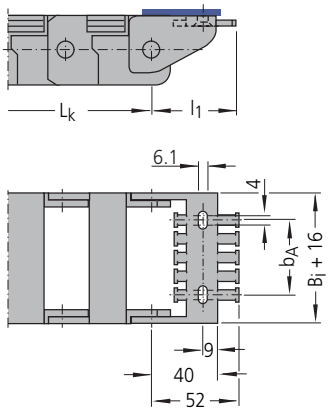
Plastic connectors

with integrated strain relief

Fixed point connection

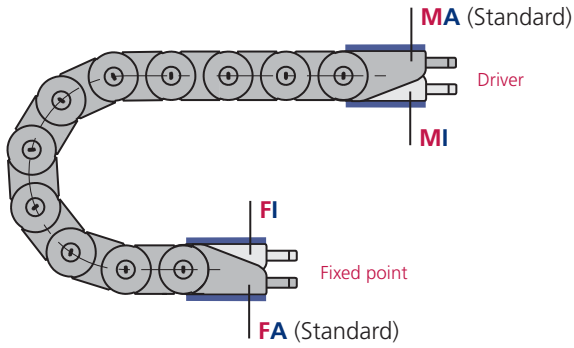


Driver connection



Type	B_i mm	B_k	b_A mm	n_Z
0450.20/.21/.22	38	54	24	3
0450.40/.41/.42	58	74	44	5
0450.60/.61/.62	78	94	64	7
0450.81/.82/.85	103	119	89	9

Connection variants



Connection point

M – Driver

F – Fixed point

Connection type

A – Threaded joint outside (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 242).

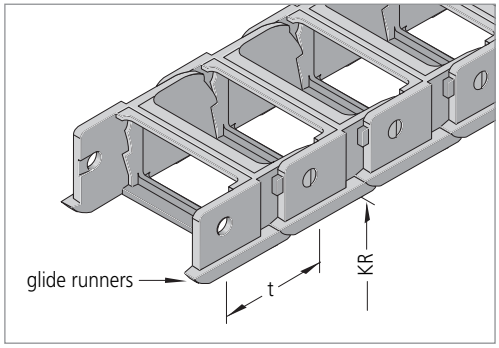
The connection type can subsequently be altered simply by varying the connectors.

MONO – Type 0625

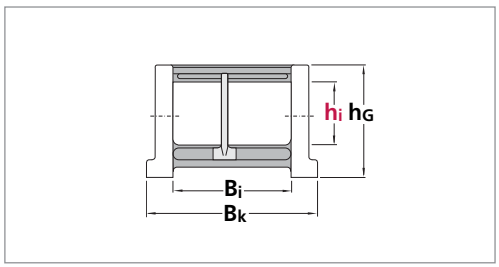
Dimensions and intrinsic chain weight

Type 0625

Inside/Outside: Not to be opened

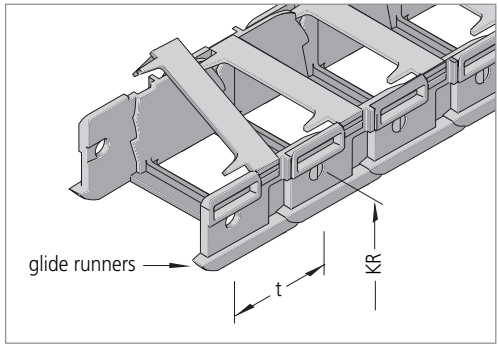


With glide runners

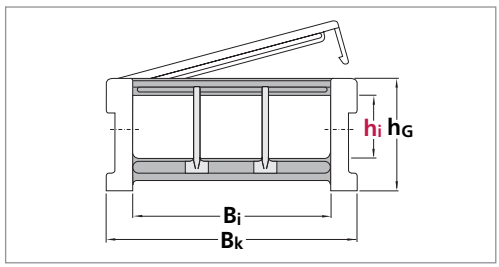


Type 0625

Outside: Hinged, openable and detachable brackets



With glide runners



Type 0625
Inside/Outside: Not to be opened

Type	h_i mm	h_G mm	B_i mm	B_k mm	Intrinsic chain weight kg/m
0625.**22**	**34**	62	65	93	1.55
0625.**40**	**34**	56	108	126	1.40
0625.**42**	**34**	62	108	136	1.70

Injection moulded glide runners not for type 0625.40

Type 0625
Outside: Hinged, openable and detachable brackets

Type	h_i mm	h_G mm	B_i mm	B_k mm	Intrinsic chain weight kg/m
0625.**23**	**34**	62	65	93	1.55
0625.**43**	**34**	62	108	136	1.70
0625.**25**	**42**	62	65	93	1.74
0625.**45**	**42**	62	108	136	2.06
0625.**55**	**42**	62	125	153	2.07
0625.**65**	**42**	62	150	178	2.15
0625.**75**	**42**	62	169	197	2.37

Bend radius and pitch

Type 0625
Inside/Outside: Not to be opened

Bend radii KR mm				
75*	90	125	200	300

* Not for type 0625.22

Pitch t = 62.5 mm

Type 0625
Outside: Hinged, openable and detachable brackets

Bend radii KR mm					
90	125	150	200	250	300

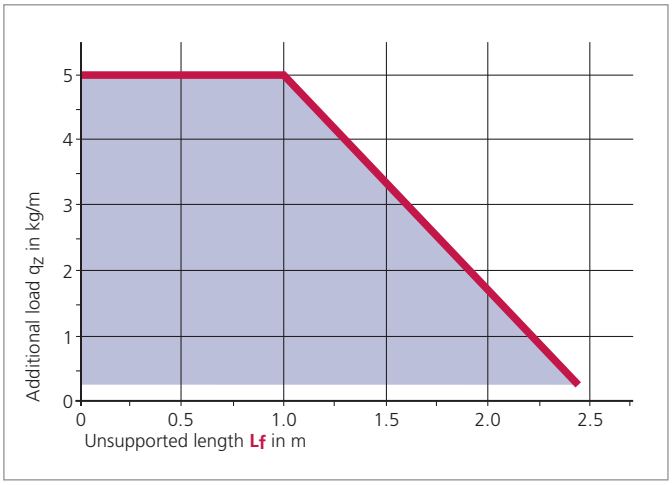
For type 0625.43, KR 75 mm is also available

Pitch t = 62.5 mm

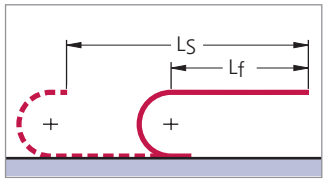
MONO – Type 0625

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 219).

We are at your service to advise on these applications.

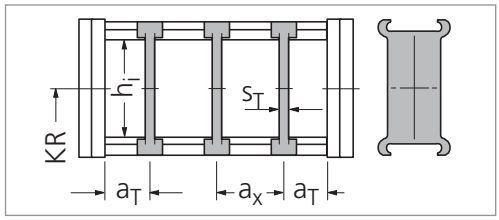
MONO – Type 0625

Divider systems

Divider system TS 0

Type	h_i	S_T mm	$a_{T\ min}$ mm	$a_{x\ min}$ mm
0625.22 0625.40 0625.42	34	3.5	6.0	12
0625.23 0625.43	34	3.5	10.0	12
0625.25 0625.45 0625.55 0625.65 0625.75	42	4.0	11.0	11

The dividers can be moved in the cross section.



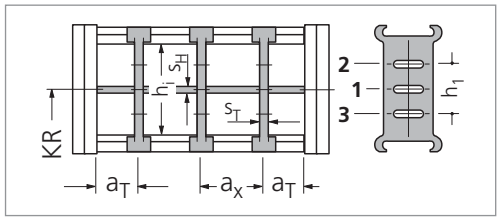
In the standard version, the divider systems are mounted on every second chain link.

Divider system TS 1

with continuous height subdivision made of aluminium

Type	h_i	S_T mm	$a_{T\ min}$ mm	$a_{x\ min}$ mm	S_H mm	h_1
0625.25 0625.45 0625.55 0625.65 0625.75	42	4.0	11.0	11	2	15

The dividers can be moved in the cross section.



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

Height separation in Position 1 – 3 possible.

MONO – Type 0625

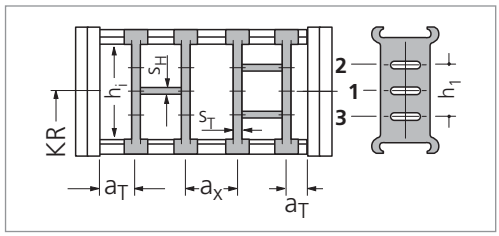
Divider systems

Divider system TS 2

with aluminium height separation, available in 1 mm section widths

Type	h_i	S_T mm	$a_{T\ min}$ mm	$a_{x\ min}$ mm	S_H mm	h_1
0625.25 **0625.45** **0625.55** **0625.65** **0625.75**	**42**	6	12	20	4	15

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



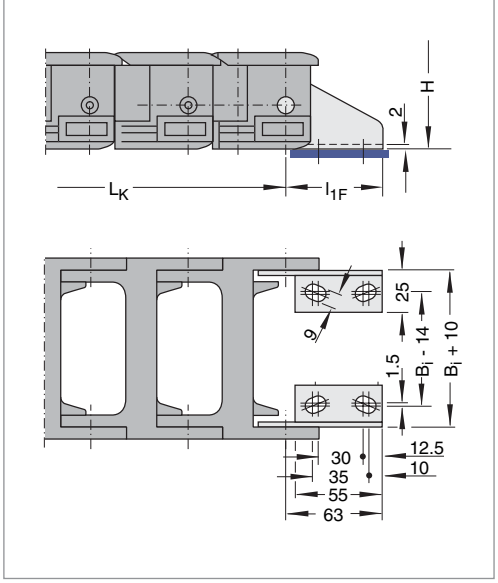
In the standard version, the divider systems are mounted on every second chain link.

MONO – Type 0625

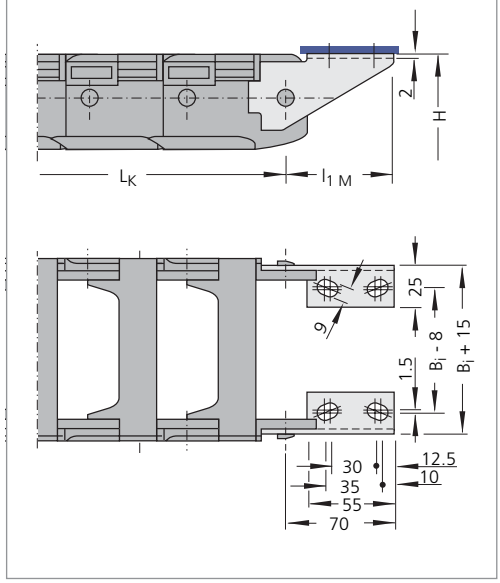
Connection dimensions

Standard end connector made of steel

Fixed point connection



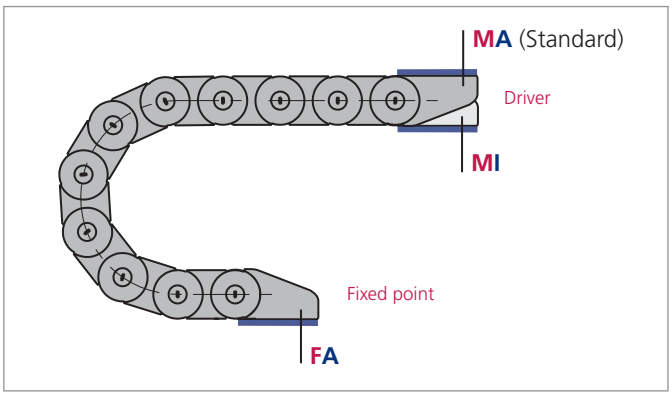
Driver connection



Connecting surface on the outside (not illustrated) possible on request.

Connectors with integrated strain relief are available. Please do get in touch with us.

Connection variants



Connection point

M – Driver

F – Fixed point

Connection type

A – Threaded joint outside (standard)

I – Threaded joint, inside

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

When ordering please specify the desired connection type (see ordering key on page 242).

The connection type can subsequently be altered simply by varying the connectors.