

# QuickTrax

Compact and cost-effective cable carriers in two-component technology

- Extremely fast and easy cable laying thanks to crossbar with film hinge
- Very quiet thanks to integrated noise damping system
- Stable chain construction
- Extensive unsupported length
- High torsional rigidity



Every chain link is made of two different materials:

- Hard cable carrier body made of fiberglass-reinforced material
- Crossbars with film hinge made of flexible special plastic

Inside height



Inside widths



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Easy to open



High side stability



Reliable cable separation

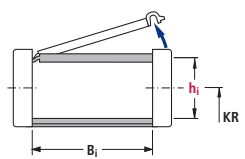
Overview QuickTrax

Design 030 with outward opening brackets

Inside height



Inside widths



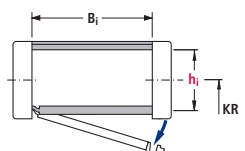
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Type	h <sub>i</sub>	B <sub>i</sub>	Maximum travel length in m	Dynamics of unsupported arrangement		Page
				Travel speed v <sub>max</sub> in m/s	Travel acceleration a <sub>max</sub> in m/s <sup>2</sup>	
QT 0320.030	20	15-50	80	10	50	78

Dimensions in mm

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Design 040 with inward opening brackets



Type	h <sub>i</sub>	B <sub>i</sub>	Maximum travel length in m	Dynamics of unsupported arrangement		Page
				Travel speed v <sub>max</sub> in m/s	Travel acceleration a <sub>max</sub> in m/s <sup>2</sup>	
QT 0320.040	20	15-50	80	10	50	78

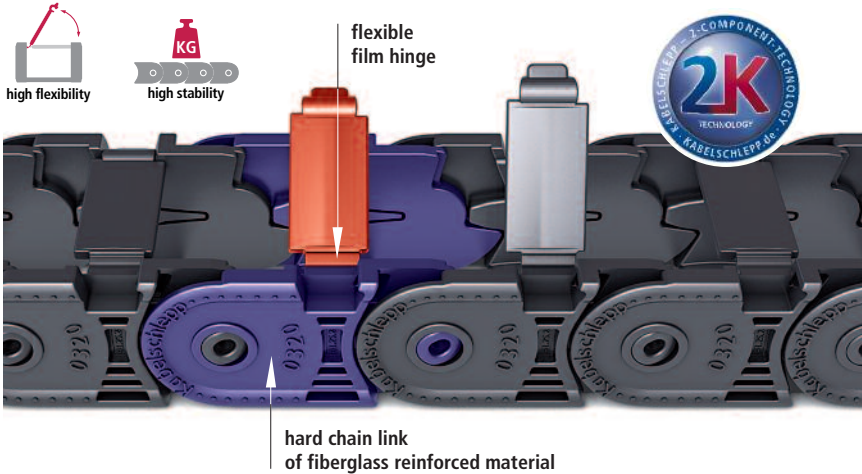
Dimensions in mm

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## The 2-shot-technology of QuickTrax 0320

The 2-shot-technology of **QuickTrax 0320** makes it possible to unite seemingly non-integral characteristics: **Ruggedness and Flexibility.**

Cable carriers should be very rugged and have an extensive supporting length. At the same time they should afford quick and easy set-up. **QuickTrax 0320** unites these qualities through an innovative design and the materials combination of hard chain elements made of fiberglass reinforced material with crossbars with film hinges made of specially formulated flexible synthetics/plastics.



Inside height

20

Inside widths

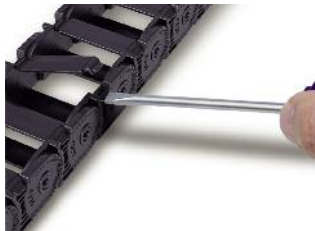
15

50

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### Hand opening – opening and closing even without tools

Thanks to their special shaping and flexible material, the crossbars can be **unlocked very easily by hand**. They can also be opened just as easily with a screwdriver. The crossbars are connected to the carrier by a film hinge so that they cannot be lost, and thus remain attached to the chain link even when they are open.

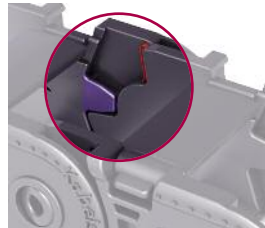
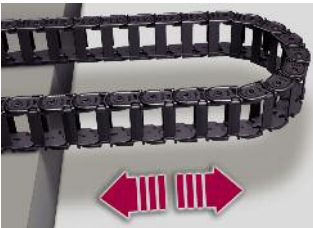


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### High side stability through locking in the stroke system

The stops are locked in the bend radius stop and pretension stop. This prevents snapping out in these areas and achieves very high lateral stability.



# Type QT 0320

Inside height

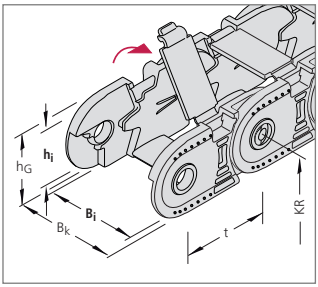


Inside widths



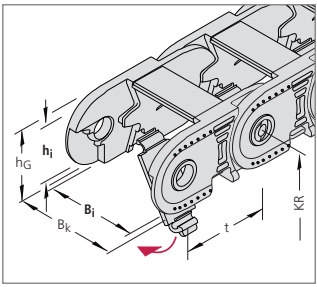
## Design 030

Outside: Hinged, openable brackets



## Design 040

Inside: Hinged, openable brackets



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## Dimensions and intrinsic chain weight

Type	h <sub>i</sub>	h <sub>G</sub>	Inside widths B <sub>i</sub>				B <sub>k</sub>
			Intrinsic chain weight				
QT 0320	20	25.5	15*	25	38	50	B <sub>i</sub> + 12
			0.18	0.28	0.42	0.55	

\* on request

Dimensions in mm/Weights in kg/m

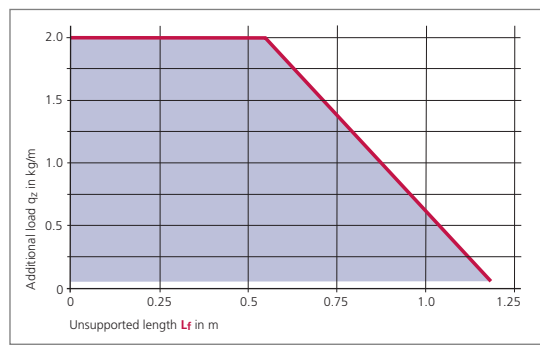
## Bend radius and pitch

Bend radii KR mm					Pitch t = 32.0 mm
28	38	48	75	100	

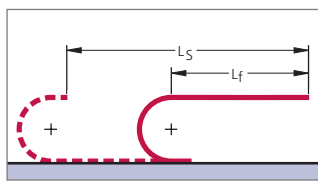
\* on request

## Load diagram

for unsupported length L<sub>f</sub> depending on the additional load



## Unsupported length L<sub>f</sub>



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.

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## Example of ordering

<b>Cable carrier</b>	<b>Divider system</b>	<b>Connection</b>
QT 0320 · 030 · 38 · 48 · 640	TS 0 / 1	FA/MA
Type Design	Divider system	Connection Fixed point/Driver
Inside width B <sub>i</sub> in mm	Number of dividers n <sub>T</sub>	
Bend radius KR in mm		
Chain length L <sub>k</sub> in mm (without connection)		

### Ordering divider systems:

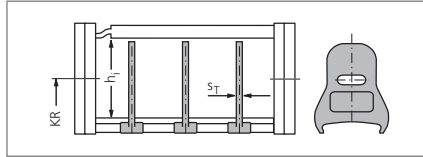
Please state the designation of the divider system (TS 0, TS 1 ...) and the number of dividers. Possibly attach a sketch with the dimensions.

## Type QT 0320

### Divider system TS 0

Type	$h_i$ mm	$S_T$ mm
QT 0320	20	2

The dividers can be moved in the cross section.



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



Inside height



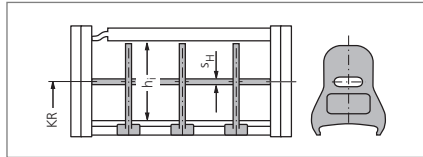
Inside widths



### Divider system TS 1 with continuous height subdivision made of aluminum

Type	$h_i$ mm	$S_T$ mm	$S_H$ mm
QT 0320	20	2	2.4

The dividers can be moved in the cross section.



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



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# Type QT 0320

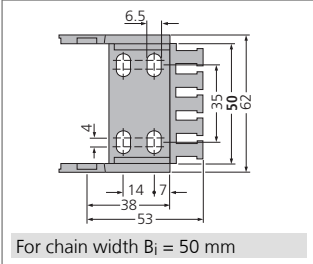
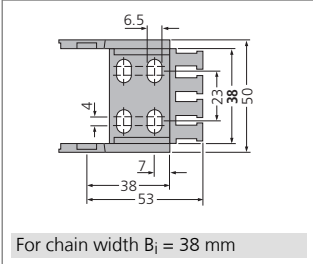
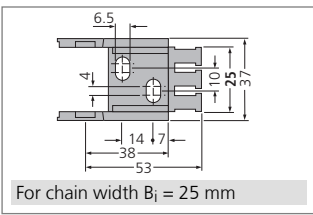
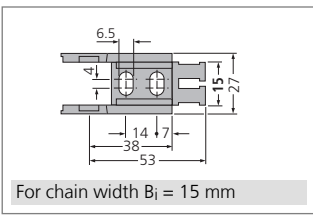
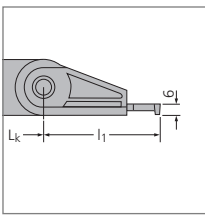
## Connection dimensions

Plastic connectors with integrated strain relief

Inside height



Inside widths



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

Type	$B_i$	$B_k$	$n_z$
QT 0320. ....15	15	27	2
QT 0320. ....25	25	37	3
QT 0320. ....38	38	50	4
QT 0320. ....50	50	62	5

Dimensions in mm



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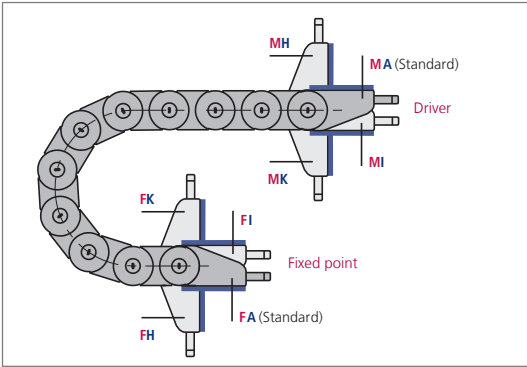
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Mounting brackets without a strain relief comb are also available – please contact us.



## Type QT 0320

### 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 413).

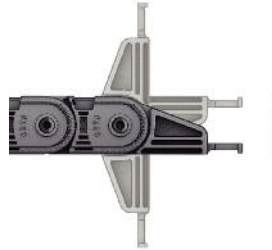
The connection type can subsequently be altered simply by varying the connectors.

#### 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



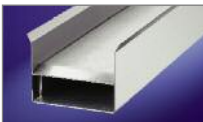
Inside height



Inside widths



Guide channels  
► from page 375



Strain relief devices  
► from page 381



Cables for cable carrier systems  
► from page 436

