

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



Easy to open



High side stability



Reliable cable separation

Subject to change.

Inside height



Inside widths



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Cable Carrier Configurator

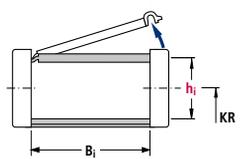
Overview QuickTrax

Design 030 with outward opening brackets

Inside height



Inside widths



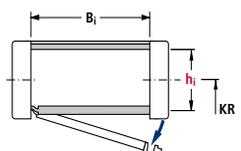
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Type	h _i	B _i	Maximum travel length in m	Dynamics of unsupported arrangement		Page
				Travel speed v _{max} in m/s	Travel acceleration a _{max} in m/s ²	
QT 0320.030	20	15-50	80	10	50	78

Dimensions in mm

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Design 040 with inward opening brackets



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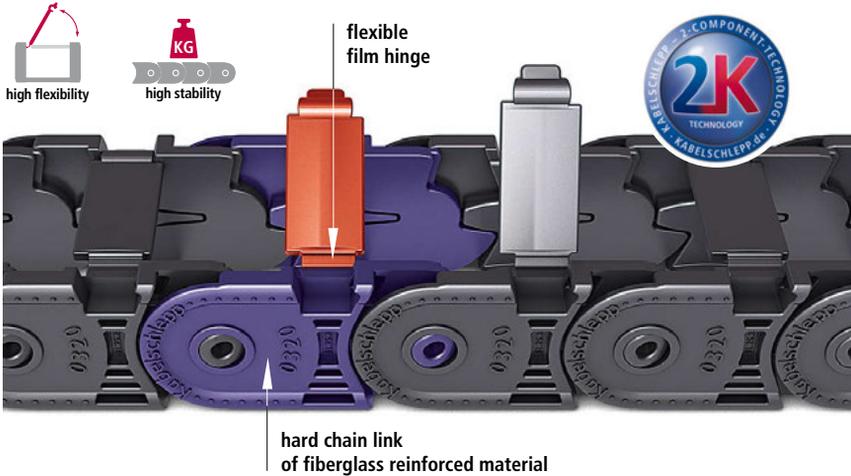
Type	h _i	B _i	Maximum travel length in m	Dynamics of unsupported arrangement		Page
				Travel speed v _{max} in m/s	Travel acceleration a _{max} in m/s ²	
QT 0320.040	20	15-50	80	10	50	78

Dimensions in mm

The 2-shot-technology of QuickTrax 0320

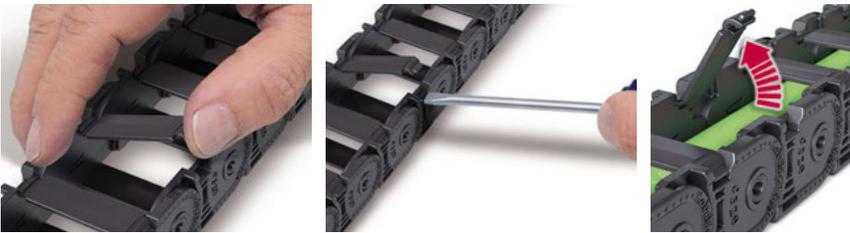
The 2-shot-technology of **QuickTrax 0320** makes it possible to unite seemingly non-integral characteristics: **Ruggedness and Flexibility**.

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.



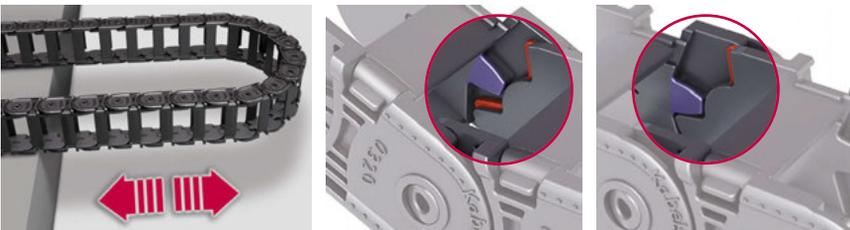
Hand opening – opening and closing even without tools

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.



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.



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 Cable Carrier Configuration

Type QT 0320

Inside height

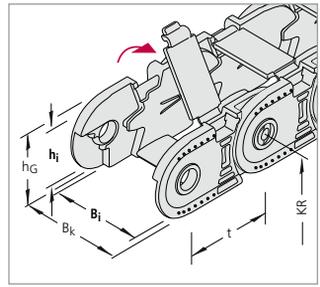


Inside widths



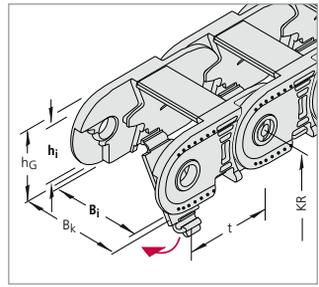
Design 030

Outside: Hinged, openable brackets



Design 040

Inside: Hinged, openable brackets



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Dimensions and intrinsic chain weight

Type	h _i	h _G	Inside widths B _i				B _k
			Intrinsic chain weight				
QT 0320	20	25.5	15*	25	38	50	B _i + 12
			0.18	0.28	0.42	0.55	

* on request

Dimensions in mm/Weights in kg/m

Bend radius and pitch

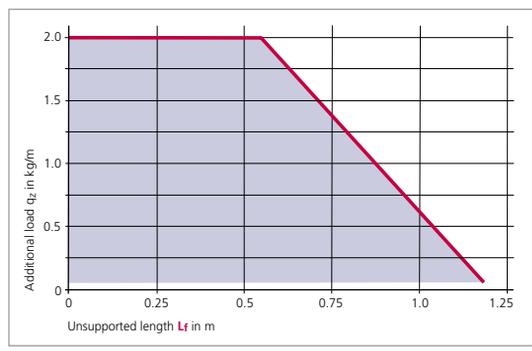
Bend radii KR mm				
28	38	48	75	100

Pitch t = 32.0 mm

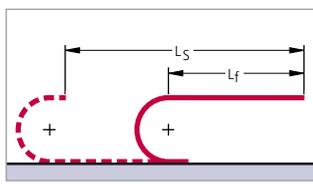
* on request

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.

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Example of ordering

Cable carrier		Divider system			Connection		
QT 0320	030	38	48	640	TS 0 / 1	FA/MA	
Type	Design	Inside width B _i in mm	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:

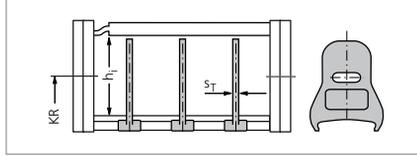
Please state the designation of the divider system (TS 0, TS 1 ...) and the number of dividers. Possibly attach a sketch with the dimensions.

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



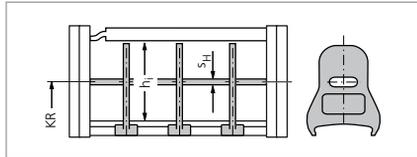
Inside widths



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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TSUBAKI KABELSCHLEPP
 Cable Chain Engineering

Type QT 0320

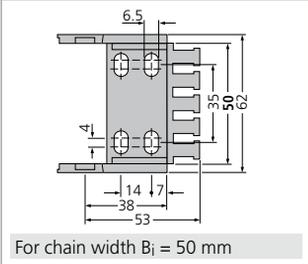
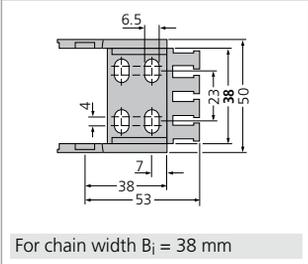
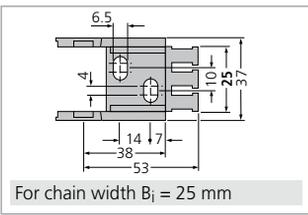
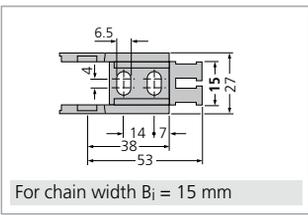
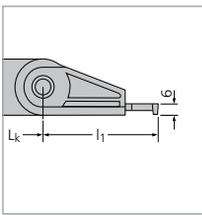
Connection dimensions

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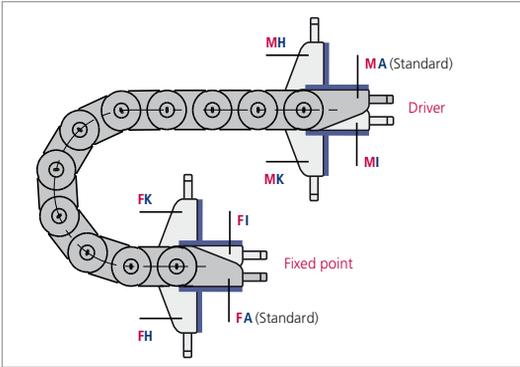
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Mounting brackets without a strain relief comb are also available – please contact us.



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 415).

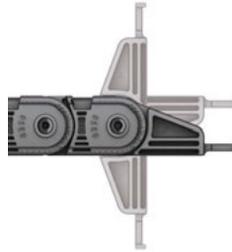
The connection type can subsequently be altered simply by varying the connectors.

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



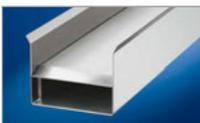
Inside height



Inside widths



Guide channels
➤ from page 375



Strain relief devices
➤ from page 381



Cables for cable carrier systems
➤ from page 438

