



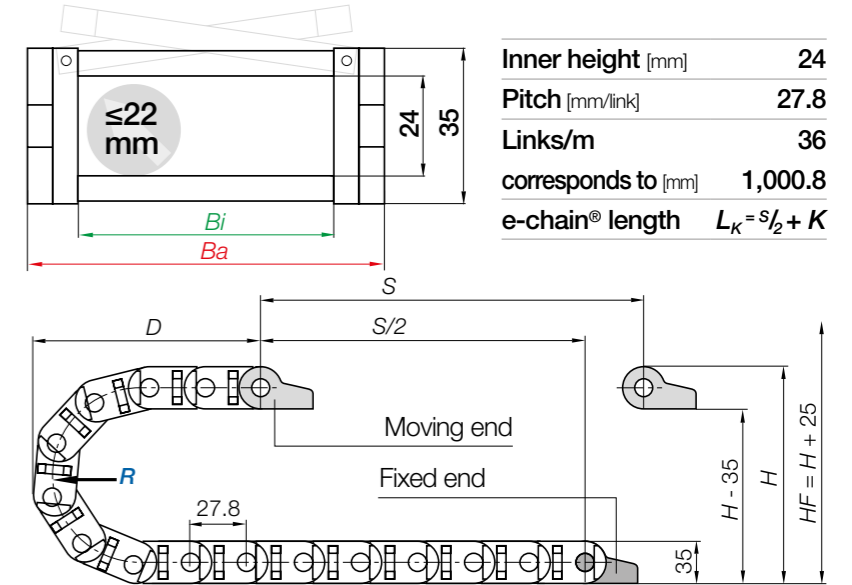
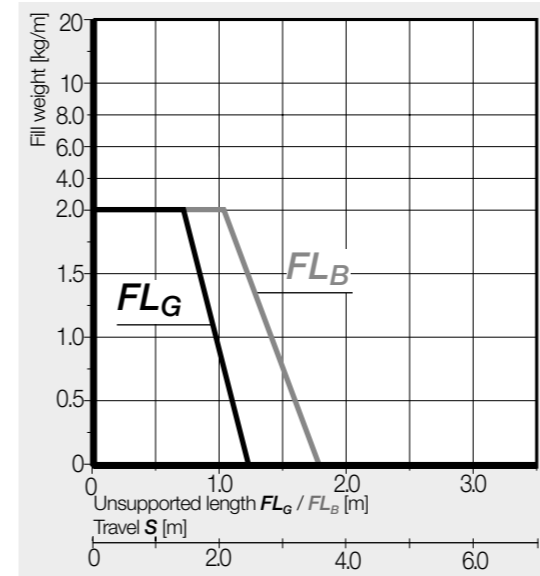
e-chains® | Series 255 | Crossbars openable along the outer radius, from one side

Part No.	Bi	Ba	R Available bend radii	255
e-chains®	[mm]	[mm]	[mm]	[kg/m]
255.03.R.0	38	54	055   075   100   125   150   175   200   225   250	≈ 0.81
255.05.R.0	57	73	055   075   100   125   150   175   200   225   250	≈ 0.90
255.07.R.0	77	93	055   075   100   125   150   175   200   225   250	≈ 1.01
255.10.R.0	103	119	055   075   100   125   150   175   200   225   250	≈ 1.15

Complete Part No. with required radius (R). Example: 255.10.200.0

Aluminium support tray

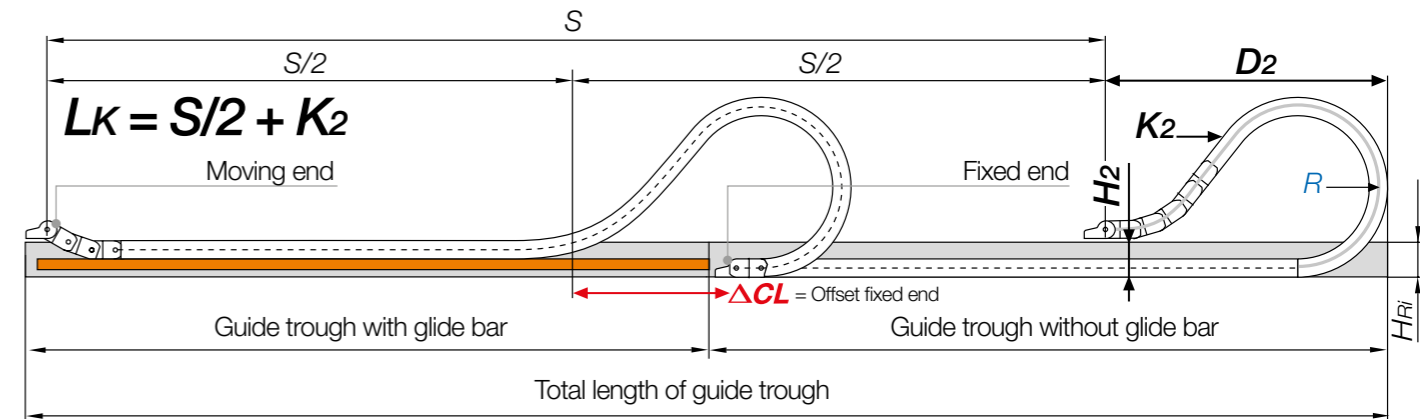
- Corrosion-resistant and seawater-resistant aluminium rails with adjustable width
  - Noise-reducing glide strip integrated as standard
  - Easy installation and connection of the e-chain®
  - Open design - dirt and debris fall through
- More information ► From page 1362



R	055	075	100	125	150	175	200	225	250
H <sub>0</sub> <sup>+</sup>	145	185	235	285	335	385	435	485	535
D	114	134	159	184	209	234	259	284	309
K	230	295	370	450	530	610	685	765	845

The required clearance height:  $H_F = H + 25\text{mm}$  (with 1.5kg/m fill weight)

Gliding applications | For travel lengths 10m to max. 100m

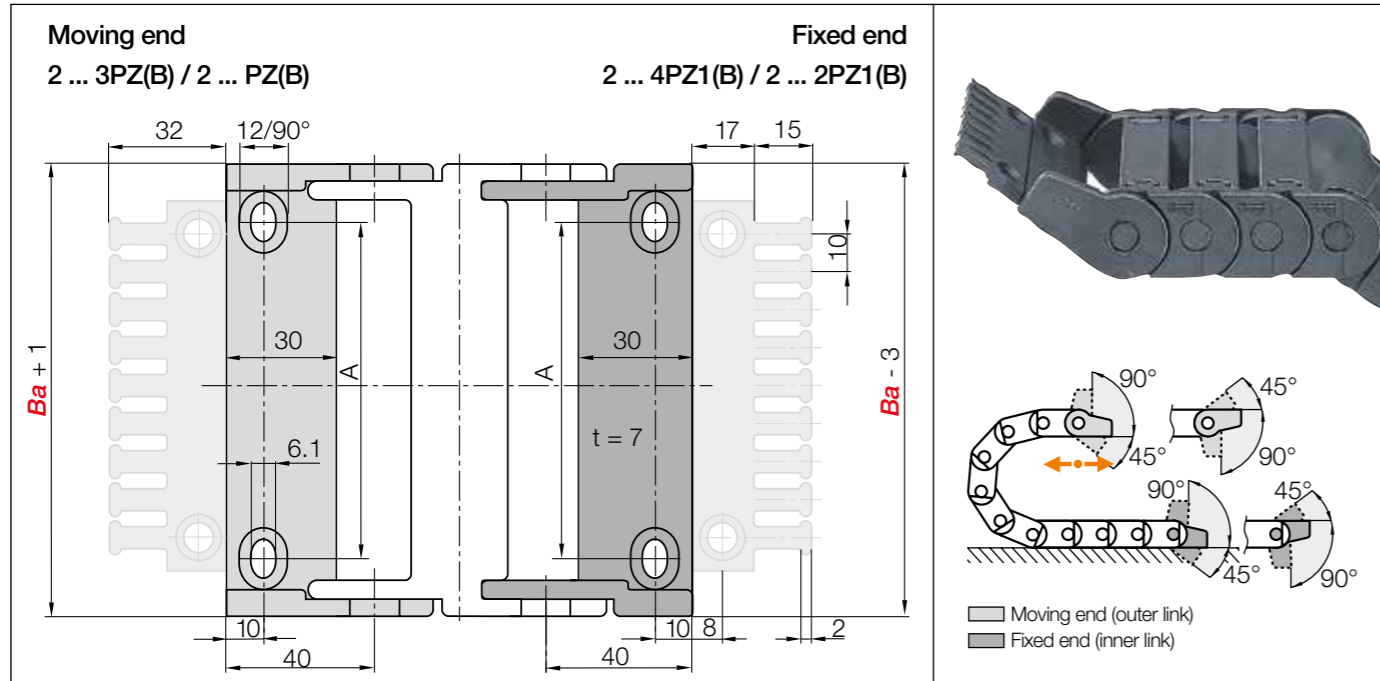


Note: We recommend the project planning of such a system to be carried out by igus®.

In case of travels between 4 and 10m we recommend an e-chain® with a longer unsupported length.

R	055	075	100	125	150	175	200	225	250
H <sub>2</sub>	110	150	100	100	100	100	100	100	100
D <sub>2</sub> <sup>+25</sup>	114	134	380	495	570	665	740	1,040	1,130
K <sub>2</sub>	230	295	612	806	945	1,112	1,223	1,610	1,779
ΔCL	-	-	222	322	372	437	497	*	822

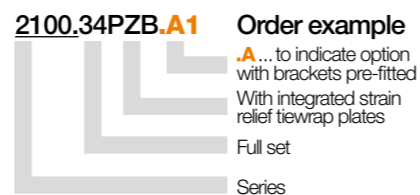
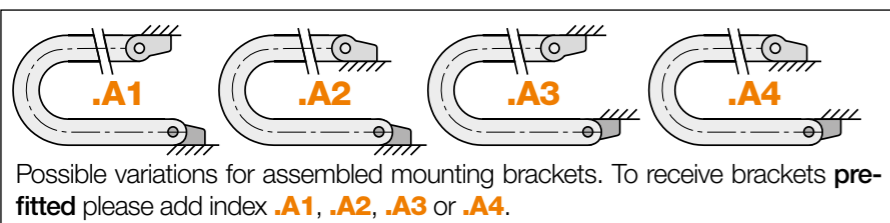
\*Upon request



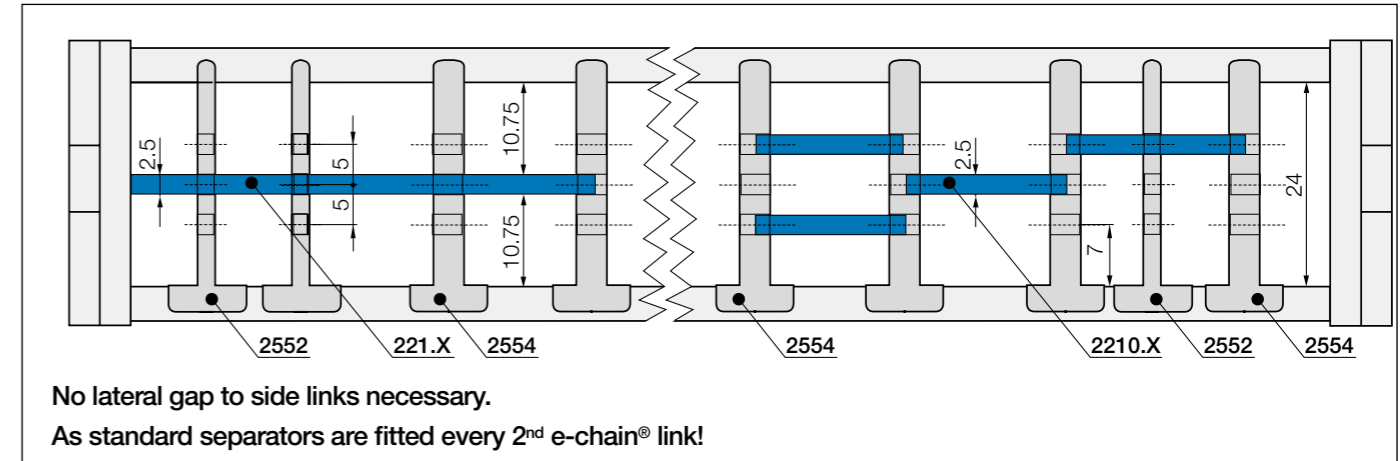
**Polymer pivoting** | Recommended for unsupported and gliding applications  
**Polymer locking** | Recommended for vertical hanging and standing applications

Width index	Part No. full set pivoting		Part No. full set locking		A [mm]	Number of teeth
	with tiewrap plates	without tiewrap plate	with tiewrap plates	without tiewrap plate		
03.	2030.34PZ1B	2030.34PZ1	2030.12PZ1B	2030.12PZ1	25	4
05.	2050.34PZ1B	2050.34PZ1	2050.12PZ1B	2050.12PZ1	44	6
07.	2070.34PZ1B	2070.34PZ1	2070.12PZ1B	2070.12PZ1	64	8
10.	2100.34PZ1B	2100.34PZ1	2100.12PZ1B	2100.12PZ1	90	10

Full set with tiewrap plate + 10 cable tiewraps, please add index **K1**. Example: 2030.34PZ1BK1



**Strain relief** e.g. clamps, tiewrap plates, nuggets and clips are available from stock. The complete chainfix range with ordering options ► From page 1392



**Option 1 | Full-width shelves**  
**Slotted separator**  
 Vertical separation. The slot allows basic vertical/horizontal shelving arrangements.

Slotted separator		
unassembled	2551	
assembled	2552	

**Full-width shelf for e-chains®**  
 This option is for applications with many small cables with similar diameters. For full-width separation.

Full-width shelf for e-chains®		
unassembled	220.X	
assembled	221.X	

Full-width shelves Width = X [mm]	X [mm]	unassembled		assembled	
		unassembled	assembled	unassembled	assembled
038	038	220.38	221.38	077	220.77
	057	220.57	221.57	103	221.103

**Option 2 | Shelves**  
**Slotted separator**  
 Vertical separation. The slot allows basic vertical/horizontal shelving arrangements.

Slotted separator		
unassembled	2553	
assembled	2554	

**Shelf for e-chains®**  
 For applications involving many cables with different diameters, shelves can be fitted at different heights.

Shelf for e-chains®		
unassembled	2200.X	
assembled	2210.X	

Shelves Width = X [mm]	X [mm]	unassembled		assembled		X [mm]	unassembled		assembled	
		unassembled	assembled	unassembled	assembled		unassembled	assembled		
018	018	2200.18	2210.18	038	2200.38	2210.38	068	2200.68	2210.68	
	023	2200.23	2210.23	043	2200.43	2210.43	073	2200.73	2210.73	
	028	2200.28	2210.28	048	2200.48	2210.48	088	2200.88	2210.88	
	033	2200.33	2210.33	058	2200.58	2210.58	099	2200.99	2210.99	