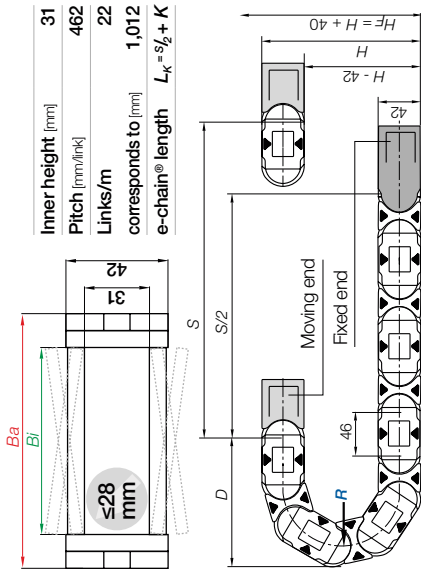
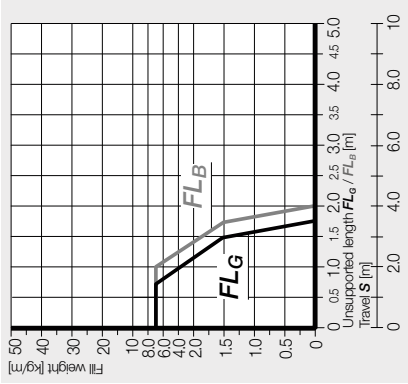




inner and outer radius, from both sides)
and outer radius, from both sides)

Part No.	B <i>i</i>	B <i>a</i>	E4.31L	R4.31L
e-tubes	[mm]	[mm]	[kg/m]	[kg/m]
R <i>0</i>	R4.31L 125.R <i>0</i> **	125 139	≈ 0.96	≈ 1.26
R <i>0</i> **	–	137 151	≈ 0.98	–
R <i>0</i>	R4.31L 150.R <i>0</i> **	150 164	≈ 1.00	≈ 1.40
R <i>0</i> –	162 176		≈ 1.04	–
R <i>0</i>	R4.31L 175.R <i>0</i> **	175 189	≈ 1.13	≈ 1.55
R <i>0</i> **	–	187 201	≈ 1.17	–
R <i>0</i> **	R4.31L 200.R <i>0</i> **	200 214	≈ 1.17	≈ 1.68

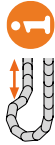
sed



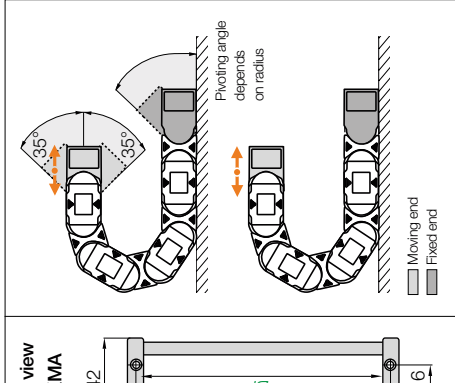
R	055 ¹⁾	063 ¹⁾	075	100	125	150	175	200	250
H	15.2	168	192	242	292	34.2	392	44.2	542
D	145	153	165	190	215	240	265	290	340
K	265	290	330	410	485	565	645	725	880

The required clearance height: $H_f = H + 40\text{mm}$ (with 1.0kg/m fill weight)

1) Radius not available for e-tubes



If a gliding application is required for
a long travel, please consult igus®.



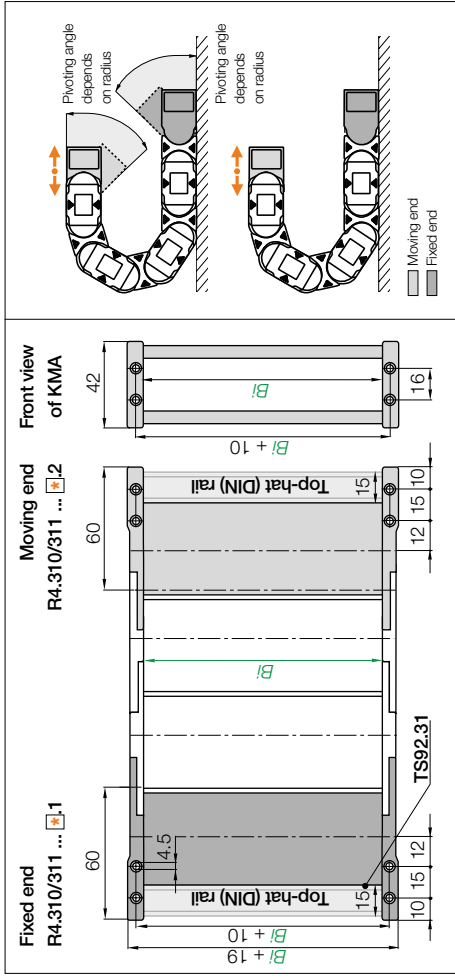
gliding applications and standing applications

art No. full set	Part No. full set	<i>Bi</i>
MA pivoting	KMA locking	
4.310.125,  12.C	E4.311.125,  12.C	125
4.310.137,  12.C*	E4.311.137,  12.C*	137
4.310.150,  12.C	E4.311.150,  12.C	150
4.310.162,  12.C	E4.311.162,  12.C	162
4.310.175,  12.C	E4.311.175,  12.C	175
4.310.187,  12.C*	E4.311.187,  12.C*	187
4.310.200,  12.C*	E4.311.200,  12.C*	200

long travel, please consult igus®.



eu/R4.31L



KMA pivoting	Recommended for unsupported and gliding applications
KMA locking	Recommended for vertical hanging and standing applications

<i>Bi</i>	Part No. full set	Width index	<i>Bi</i>	Part No. full set	Width index
150	KMA locking R4.311.150	150. $\blacktriangle$	050	KMA locking R4.311.050	050. $\blacktriangle$
175	KMA pivoting R4.310.150	175. $\blacktriangle$	075	KMA pivoting R4.310.075	075. $\blacktriangle$
200	KMA locking R4.311.175	200. $\blacktriangle$	100	KMA locking R4.311.100	100. $\blacktriangle$
	KMA pivoting R4.310.200			KMA pivoting R4.310.125	

(KVA = polymer metal mounting bracket) For the TS92.31 top-hat (DIN) rail option please add index **C**

*Width available upon request. **Note:** If a gliding application is required for a long travel, please consult igus®.

Note:  The e-chains® may end with either an inner or an outer side link. An outer side link should always be the first e-chain® link at the moving end. Please specify the index  (for odd) or  (for even) depending on an even or odd number of links required.

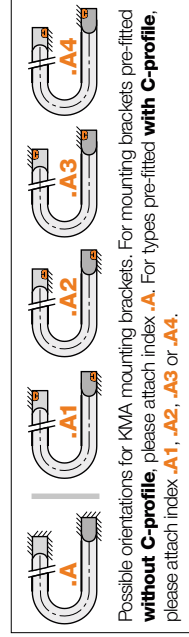


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www.hennlich.cz/lin-tech

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

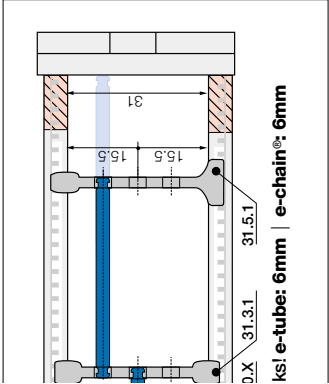
E4.310.100.2.12.C.A2



Possible orientations for KMA mounting brackets. For mounting brackets pre-fitted **without C-profile**, please attach index **A**. For types pre-fitted **with C-profile**, please attach index **A1**, **A2**, **A3** or **A4**.

iquis 3D CAD, configurators, service life calculation and more ► www.iquis.eu/E4.1L

551



ard - for any application
or with a wide base for maximum holding force.

en faster installation
one side for high holding force, narrow on opposite
easy cable fitting.

all cables
or with a narrow base for a large number of small
side by side. Saves space.

securely in preset increments
separator for exact positioning.
needed for side-mounted applications.

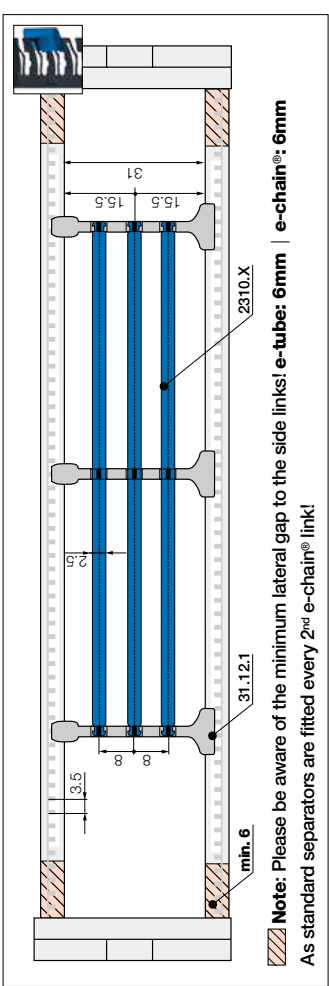
ntal separation
h shelf locks securely into separators at both ends,
fixed width. Can be used as full-width or partial shelf.

	assembled	X (mm)	unassembled	assembled
2310.060	087	2300.87	2310.087	
2310.062	090	2300.90	2310.090	
2310.065	100	2300.100	2310.100	
2310.070	103	2300.103	2310.103	
2310.075	110	2300.110	2310.110	
2310.077	120	2300.120	2310.120	
2310.080	125	2300.125	2310.125	

eu/R4.31L



igus 3D CAD, configurators, service life calculation and more ► www.igus.eu/E4.1L



Lean separators¹⁾
For quick fitting of shelves in several layers.
1) Note: Please combine maximum 4 lean separators with one shelf. Not suitable for side-mounted e-chains!

Lean separator ¹⁾	31.12
unassembled	31.12.1
assembled	31.12.1



With the lean separator you can quickly insert several layers of cables into the e-chain® and reduce the installation time by up to 50%²⁾.

2) Lean interior separation vs. Standard separator - measured on a 4m long e-chain® fitted with 12 cables in the igus® readychain® factory

Separator with integrated strain relief teeth

- Can be integrated into the mounting bracket or placed at any point
- Combines strain relief and interior separation, for restricted space conditions
- Strain relief separator is easy to assemble without any screws

Part No. 31.Z - more information ► From page 1424

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-tube
- Open design - dirt and debris fall through

More information ► From page 1362