



### e-chains® | Series E4.162 | Crossbars every link (crossbars removable along the inner and outer radius)

Part No.	<i>Bi</i>	<i>Ba</i>	E4.162
e-chains®	[mm]	[mm]	[kg/m]
E4.162 .20. R.0	200	256	≈ 10.45
E4.162 .25. R.0	250	306	≈ 10.74
E4.162 .30. R.0	300	356	≈ 10.99
E4.162 .32. R.0	325	381	≈ 11.02
E4.162 .35. R.0	350	406	≈ 11.21

Part No.	<i>Bi</i>	<i>Ba</i>	E4.162
e-chains®	[mm]	[mm]	[kg/m]
E4.162 .40. R.0	400	456	≈ 11.51
E4.162 .45. R.0	450	506	≈ 11.65
E4.162 .50. R.0	500	556	≈ 11.83
E4.162 .55. R.0	550	606	≈ 12.11
E4.162 .60. R.0	600	656	≈ 12.45

#### Available bend radii

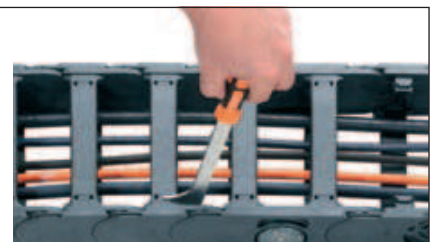
*R* [mm] | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 750 | 1.000 |

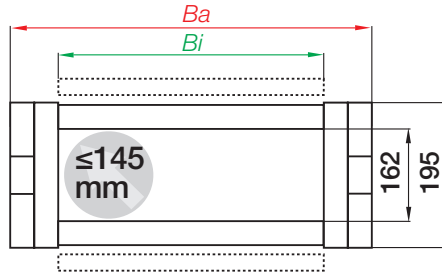
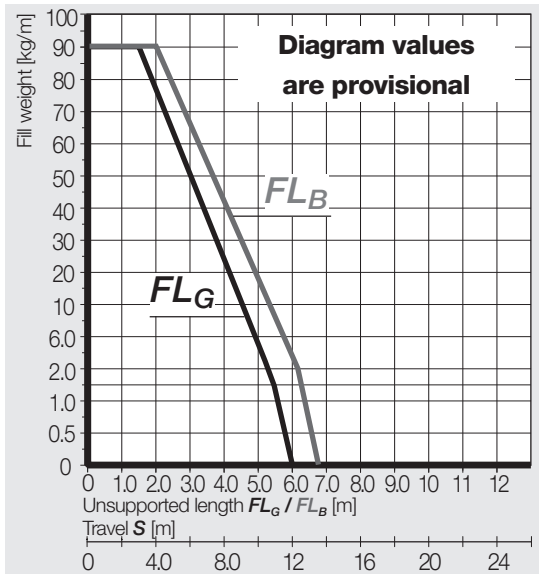
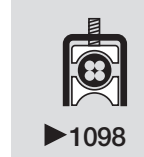
Complete Part No. with required radius (*R*). Example: E4.162.40.150.0 = crossbars every link

#### Reduce assembly time - E4 e-chain® opener

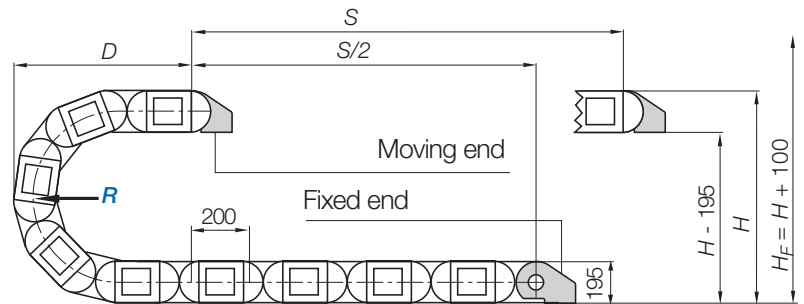
- e-chain® opener tools for easy opening and closing of e-chains®
- Simple opening and closing of crossbars
- Also for use in hard to reach locations
- Significant assembly time reduction

More information ► [www.igus.eu/E4savetime](http://www.igus.eu/E4savetime)





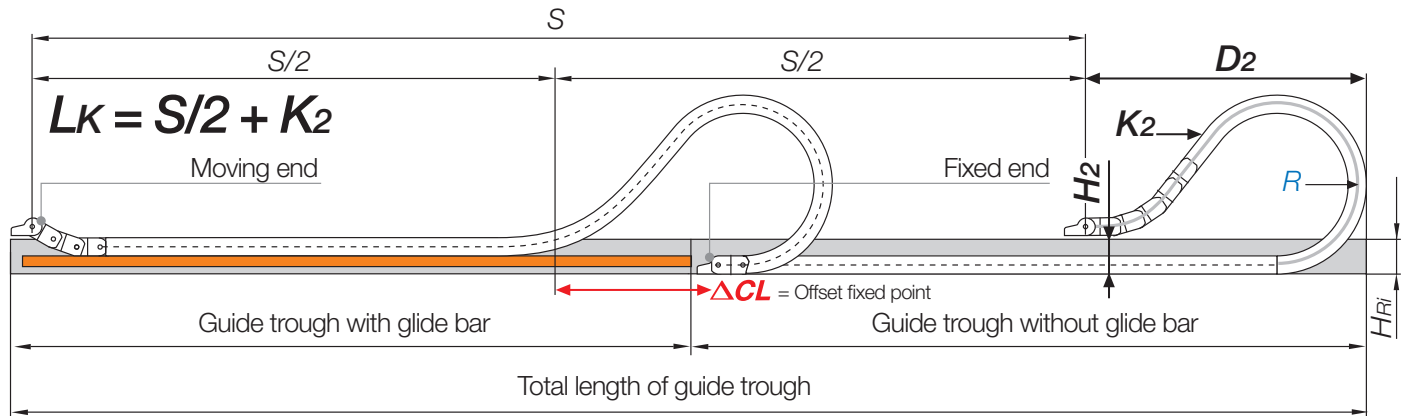
Inner height [mm]	162
Pitch [mm/link]	200
Links/m	5
corresponds to [mm]	1,000
Chain length	$L_K = S/2 + K$



R	250	300	350	400	450	500	550	600	750	1.000
H	700	800	900	1,000	1,100	1,200	1,300	1,400	1,700	2,200
D	648	698	748	798	848	898	948	998	1,148	1,398
K	1,190	1,345	1,500	1,660	1,815	1,975	2,130	2,285	2,760	3,545

The required clearance height:  $H_F = H + 100\text{ mm}$  (with 5.0 kg/m fill weight)

## Gliding applications | For long travels from 14 m to max. 450 m



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

In case of travels between 12 and 14 m we recommend an e-chain® with a longer unsupported length.

R	250	300	350	400	450	500	550	600	750	1.000
H <sub>2</sub>	*	580	580	580	580	580	580	580	**	**
D <sub>2</sub>	*	950	1,050	1,350	1,600	1,950	2,050	2,400	**	**
K <sub>2</sub>	*	1,600	1,800	2,400	2,800	3,200	3,400	3,800	**	**
$\Delta CL$	*	300	350	600	800	1,100	1,150	1,450	**	**

\*Values such as unsupported applications \*\*Values upon request