 ...E6.80L  
crossbars every 2<sup>nd</sup> link

## e-chains® | Series E6.80L crossbars every 2<sup>nd</sup> link (crossbars removable along both radii)

Part No. e-chains®	<i>Bi</i> [mm]	<i>Ba</i> [mm]	E6.80L [kg/m]	Part No. e-chains®	<i>Bi</i> [mm]	<i>Ba</i> [mm]	E6.80L [kg/m]
E6.80L.08.R.0	87	115	3,28	E6.80L.32.R.0	325	353	4,38
E6.80L.10.R.0	100	128	3,33	E6.80L.33.R.0	337	365	4,44
E6.80L.11.R.0	112	140	3,38	E6.80L.35.R.0	350	378	4,50
E6.80L.12.R.0	125	153	3,43	E6.80L.36.R.0	362	390	4,56
E6.80L.13.R.0	137	165	3,49	E6.80L.37.R.0	375	403	4,62
E6.80L.15.R.0	150	178	3,55	E6.80L.38.R.0	387	415	4,68
E6.80L.16.R.0	162	190	3,61	E6.80L.40.R.0	400	428	4,74
E6.80L.17.R.0	175	203	3,67	E6.80L.41.R.0	412	440	4,80
E6.80L.18.R.0	187	215	3,73	E6.80L.42.R.0	425	453	4,85
E6.80L.20.R.0	200	228	3,79	E6.80L.43.R.0	437	465	4,92
E6.80L.21.R.0	212	240	3,85	E6.80L.45.R.0	450	478	5,03
E6.80L.22.R.0	225	253	3,91	E6.80L.46.R.0	462	490	5,09
E6.80L.23.R.0	237	265	3,97	E6.80L.47.R.0	475	503	5,15
E6.80L.25.R.0	250	278	4,02	E6.80L.48.R.0	487	515	5,21
E6.80L.26.R.0	262	290	4,09	E6.80L.50.R.0	500	528	5,27
E6.80L.27.R.0	275	303	4,14	E6.80L.51.R.0	512	540	5,33
E6.80L.28.R.0	287	315	4,20	E6.80L.52.R.0	525	553	5,39
E6.80L.30.R.0	300	328	4,26	E6.80L.53.R.0	537	565	5,45
E6.80L.31.R.0	312	340	4,32	E6.80L.55.R.0	550	578	5,51

Available bending radii *R* [mm] 150 | 175 | 200 | 250 | 300

Supplement Part No. with required radius (*R*). Examples:

E6.80L.10.175.0 = e-chain® with crossbars every 2<sup>nd</sup> link, inner width *Bi* 100 mm, radius *R* 175 mm, color black

### Optional: Support tray tool kit.

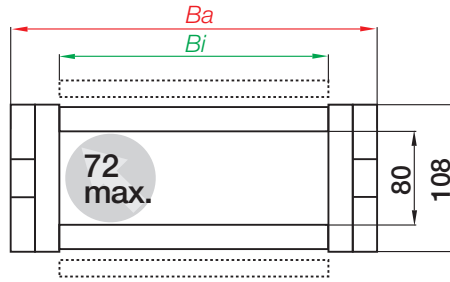
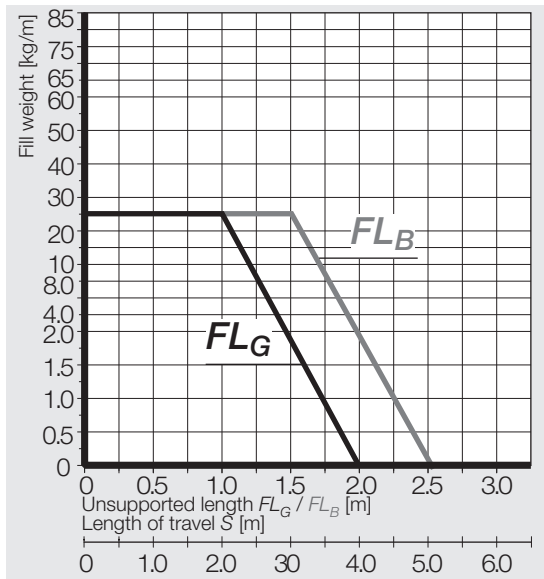
#### For support of the lower run.

Simple one-piece support trays according to your requirements and specification.

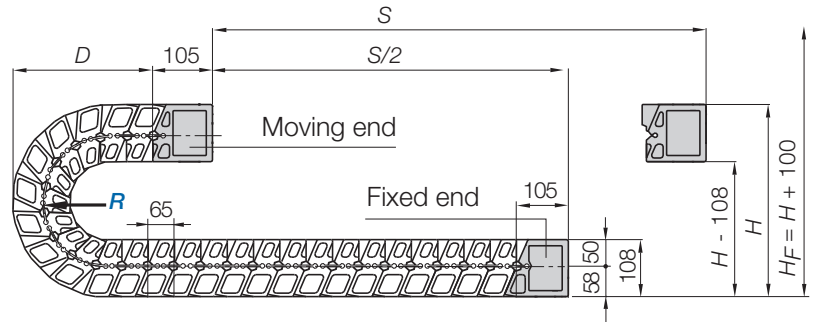
The complete range with order options ► from page 740



## Unsupported applications | Short travels



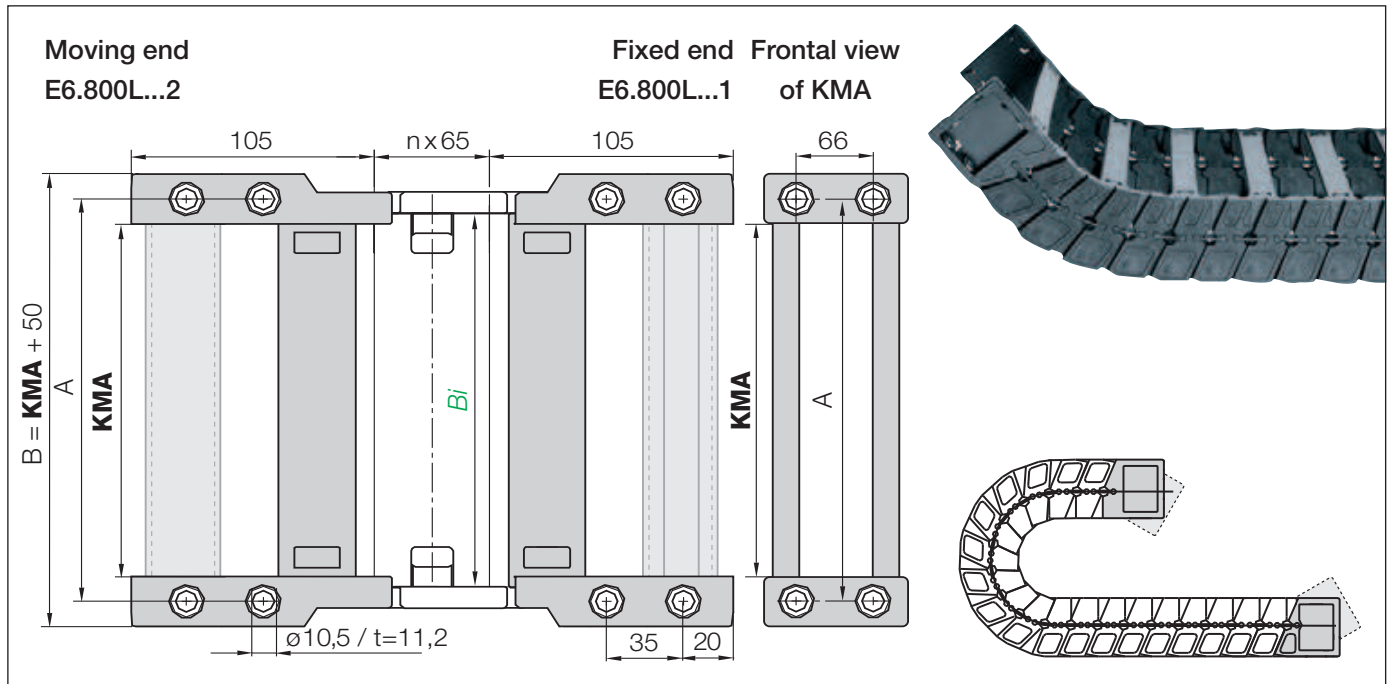
- Inner height 80 mm
- Pitch 65 mm/link
- Links/m 16 (1040 mm)
- Chain length  $S/2 + K$



R	150	175	200	250	300
H	516	566	616	716	816
D	306	331	356	406	456
K	605	680	760	915	1075

The required clearance height:  $H_F = H + 100$  mm (with 5,0 kg/m fill weight)

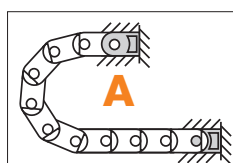
 If you need this series for gliding applications, please consult igus®!



### KMA pivoting | Recommended for unsupported applications | Standard

Width Index	Part No. full set KMA pivoting: (optional with C-profile)	Dim. A [mm]	KMA [mm]	Width Index	Part No. full set KMA pivoting: (optional with C-profile)	Dim. A [mm]	KMA [mm]
08. ▶	E6.800L. 08. 12.C	103	75	32. ▶	E6.800L. 32. 12.C	340	312
10. ▶	E6.800L. 10. 12.C	115	87	33. ▶	E6.800L. 33. 12.C	353	325
11. ▶	E6.800L. 11. 12.C	128	100	35. ▶	E6.800L. 35. 12.C	365	337
12. ▶	E6.800L. 12. 12.C	140	112	36. ▶	E6.800L. 36. 12.C	378	350
13. ▶	E6.800L. 13. 12.C	153	125	37. ▶	E6.800L. 37. 12.C	390	362
15. ▶	E6.800L. 15. 12.C	165	137	38. ▶	E6.800L. 38. 12.C	403	375
16. ▶	E6.800L. 16. 12.C	178	150	40. ▶	E6.800L. 40. 12.C	415	387
17. ▶	E6.800L. 17. 12.C	190	162	41. ▶	E6.800L. 41. 12.C	428	400
18. ▶	E6.800L. 18. 12.C	203	175	42. ▶	E6.800L. 42. 12.C	440	412
20. ▶	E6.800L. 20. 12.C	215	187	43. ▶	E6.800L. 43. 12.C	453	425
21. ▶	E6.800L. 21. 12.C	228	200	45. ▶	E6.800L. 45. 12.C	465	437
22. ▶	E6.800L. 22. 12.C	240	212	46. ▶	E6.800L. 46. 12.C	478	450
23. ▶	E6.800L. 23. 12.C	253	225	47. ▶	E6.800L. 47. 12.C	490	462
25. ▶	E6.800L. 25. 12.C	265	237	48. ▶	E6.800L. 48. 12.C	503	475
26. ▶	E6.800L. 26. 12.C	278	250	50. ▶	E6.800L. 50. 12.C	515	487
27. ▶	E6.800L. 27. 12.C	290	262	51. ▶	E6.800L. 51. 12.C	528	500
28. ▶	E6.800L. 28. 12.C	303	275	52. ▶	E6.800L. 52. 12.C	540	512
30. ▶	E6.800L. 30. 12.C	315	287	53. ▶	E6.800L. 53. 12.C	553	225
31. ▶	E6.800L. 31. 12.C	328	300	55. ▶	E6.800L. 55. 12.C	565	537

(KMA = Polymer Metal Mounting Bracket)



These attachment types are set automatically in the choice of the KMA mounting bracket. For the **preassembled** mode please add index **A**.

**E6.800L.10.12.CA** Part No. structure

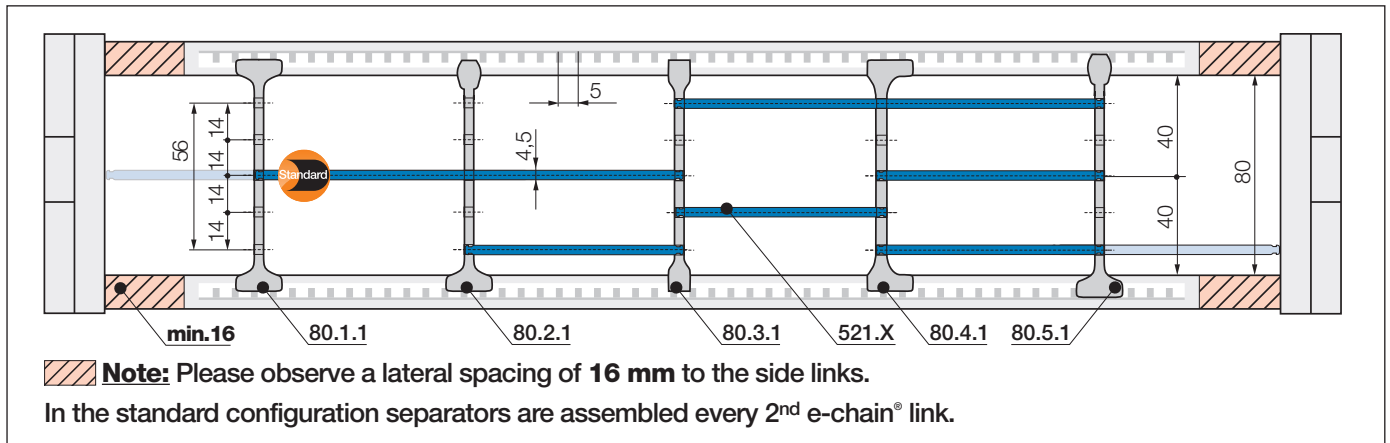

- A... must be indicated on preassembled configurations
- C-profile option
- Full set
- Width index
- Series



**Strain relief** e.g. clamps, tiwrap plates, nuggets and plug-in clips are available from stock. The complete chainfix range with order options ▶ from page 656

## Interior separation | New generation

Previous interior separation with optional elements ► [www.igus.eu/E6.80L](http://www.igus.eu/E6.80L)





**Standard separator, wide base**

unassembled	80.1
assembled	80.1.1

### Standard - for all applications

Separator with wide base for maximum locking strength and safe standing in e-chains®.




**Separator for QuickLock crossbar**

unassembled	80.2
assembled	80.2.1

### For even faster installation

Separator for igus® QuickLock crossbar 450.X.Q. Firm hold to one side with a wide base, narrow on opposed side for easy cable assembly (slight grip).




**Separator, narrow base**

unassembled	80.3
assembled	80.3.1

### For many thin cables

Separator with a narrow base for a large number of thin cables side by side. Saves space in e-chains®.




**Separator, asymmetrical**

unassembled	80.4
assembled	80.4.1

### For side-mounted applications

Asymmetrical separator, for defined distance. No additional spacers necessary.




**Notch separator for notch crossbar**

unassembled	80.5
assembled	80.5.1

### Locks safely in 5 mm increments

Notch separator for exact positioning in e-chains®. Recommended for side-mounted applications.



**Full-width shelf, lockable**

unassembled	520.X
assembled	521.X

### Horizontal separation

Full-width shelf locks safely into separators on both ends, fixed width possible. Separators can be moved freely over the shelf in horizontal direction. Can be arranged at 5 different heights.

### Lockable full-width shelves



Width X [mm]	unassembled	assembled	Width X [mm]	unassembled	assembled	Width X [mm]	unassembled	assembled
050	520.050	521.050	150	520.150	521.150	300	520.300	521.300
065	520.065	521.065	175	520.175	521.175	350	520.350	521.350
075	520.075	521.075	200	520.200	521.200	375	520.375	521.375
100	520.100	521.100	225	520.225	521.225	387	520.387	521.387
125	520.125	521.125	250	520.250	521.250	450	520.450	521.450