igus®

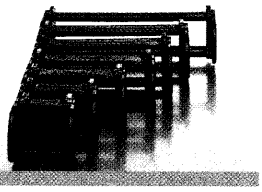
Series: 200/240/250 "E2 medium"

25

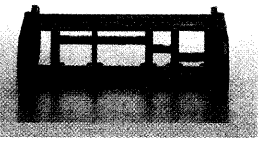
351 1492 | 1558 | 1571 | 1595

Price Index

7 Widths
9 Bending Radii

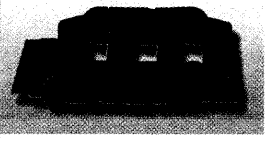


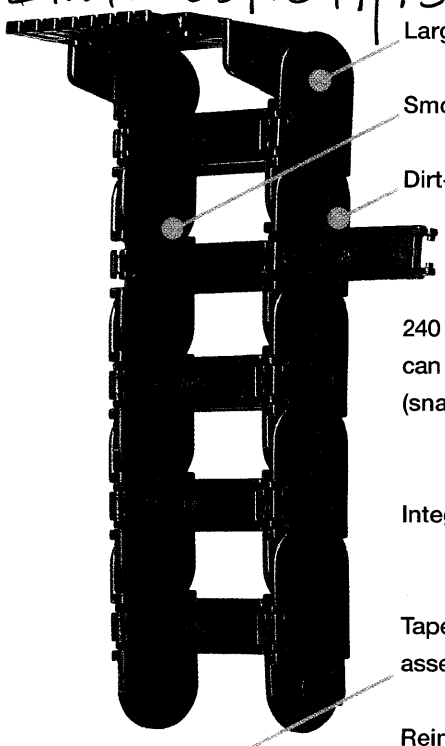
3 options for interior separation



5 options for mounting brackets

Various strain relief options





Large pins for long service life

Smooth interior for long cable life

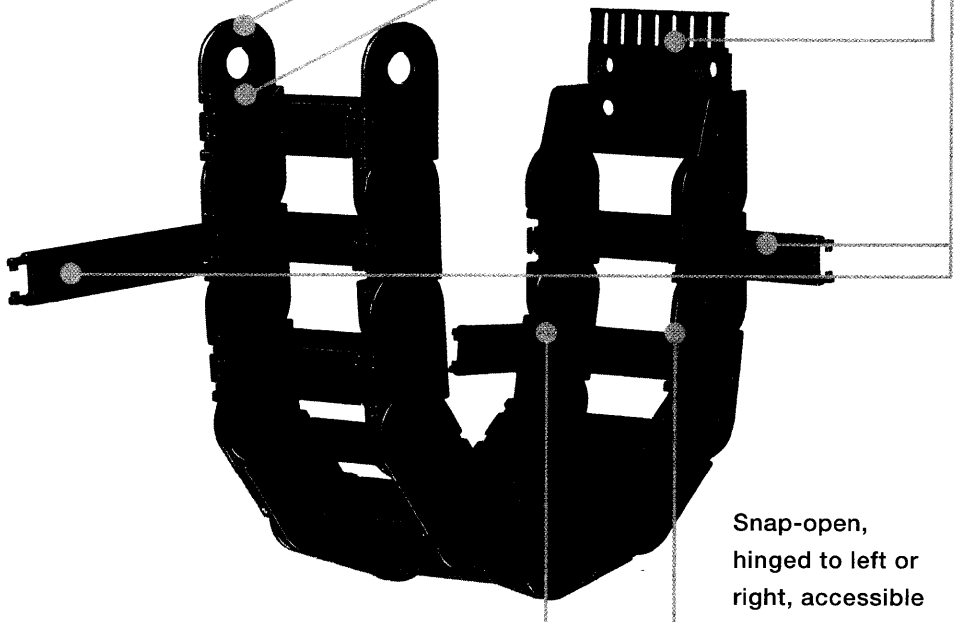
Dirt-repellent exterior

240 Series (snap-open along inner radius) can be combined with 250 Series (snap-open along outer radius)

Integrated strain relief possible

Tapered insertion point for easy assembly

Reinforced stop dog



Snap-open, hinged to left or right, accessible from the top

When to use the Series 200/240/250:

- If snap-open accessibility along inner or outer radius is required
- If integrated strain relief is required at the connection point
- If modular interior separation is required
- If long service life is required
- If easy installation is required

When not to use them:

- If each link requires snap-open accessibility on both sides simultaneously
  ▶ System E4, Series 220 etc.), **Page 7.6**
- If maximum stability is required
  ▶ System E4, Series 220 etc.), **Page 7.6**
- If chip protection is required
  ▶ Energy Tubes E2, Series R48, **Page 6.28**
- If the application is very simple
  ▶ Easy Chain, Series E 200, **Page 3.32**

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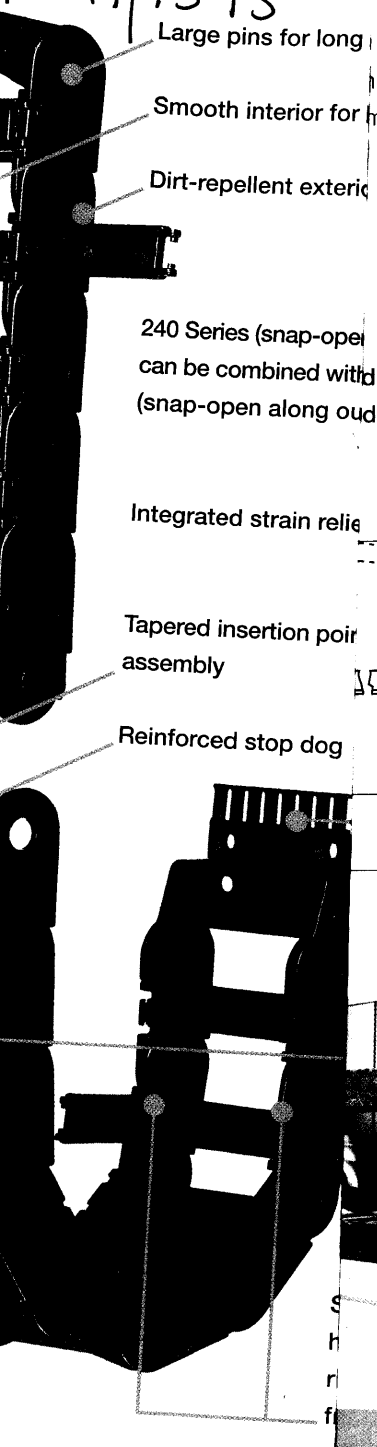


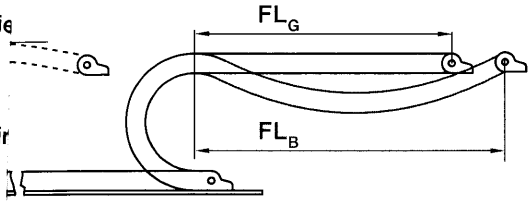
25, 38, 57, 77, 90, 103, 125

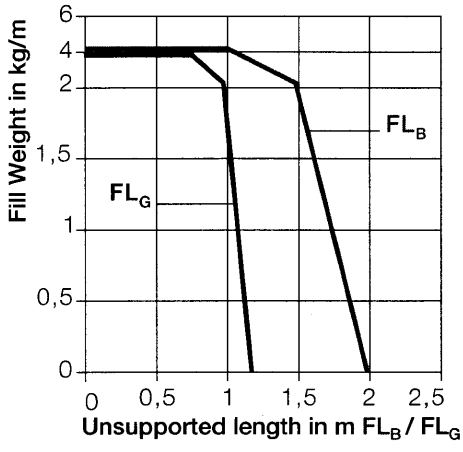
055, 075, 100, 125, 150, 175, 200, 225, 250

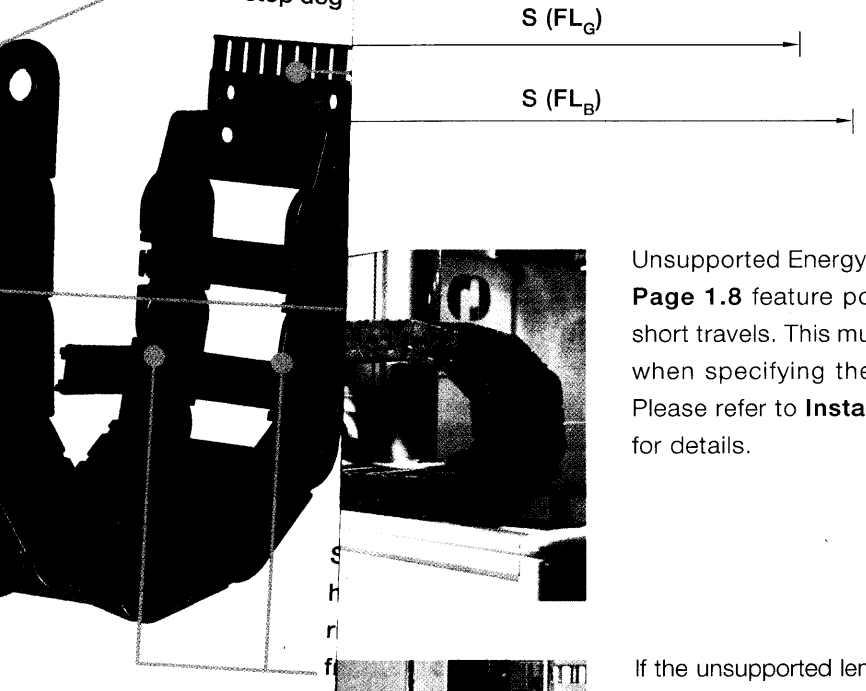
46 mm/link = 22 links/m (1012 mm)

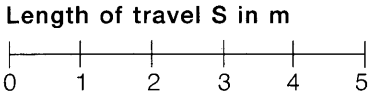
d with permitted sag

d with straight upper run

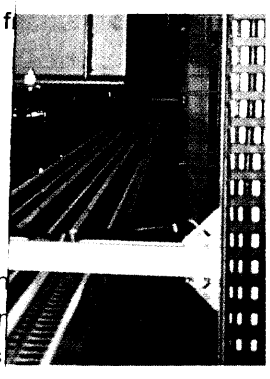








Unsupported Energy Chains ▶ **Design, Page 1.8** feature positive camber over short travels. This must be accounted for when specifying the clearance height. Please refer to **Installation Dimensions** for details.



If the unsupported length is exceeded, the Energy Chain must glide on itself. This requires a guide trough.

▶ **Design, Page 1.18.**

Or, incorporation of igus' exclusive AUTO-GLIDE System guide elements, which are available for this chain series.

▶ **AUTO-GLIDE System, Page 8.17.**

● **Long travel**
Max. = 100 m

When not to use them:

- If each link requires sr
  on both sides simultar
  ▶ System E4, Series
- If maximum stability is
  ▶ System E4, Series
- If chip protection is req
  ▶ Energy Tubes E2, S
- If the application is ver
  ▶ Easy Chain, Series

Methods

= max. 40 m
= max. 3 m
nsupported = max. 1 m
uires further calculation

- **Accessories for**
  ▶ **Guide Troughs, Page 8.5**
- **Further information**
  ▶ **Design, Page 1.1**

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Product Range: Series 200/240/250 "E2 medium"

Order Example

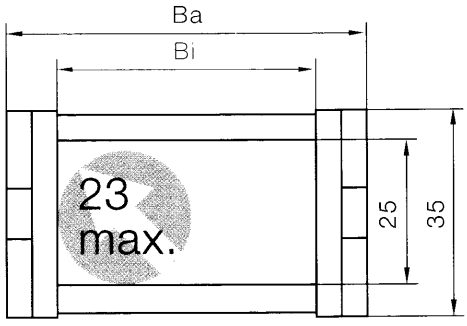
▶ i

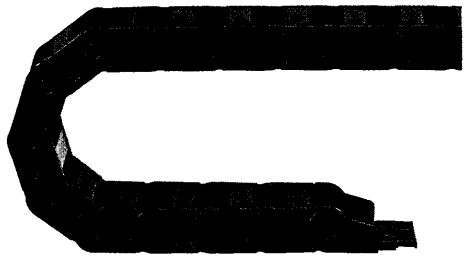
250.10.100.0

Standard color
0 = Black

● Other colors
▶ Design, Page 1.62

Series 200 Energy Chain (non snap-open)

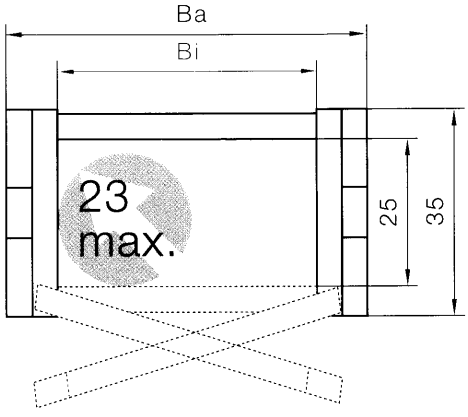


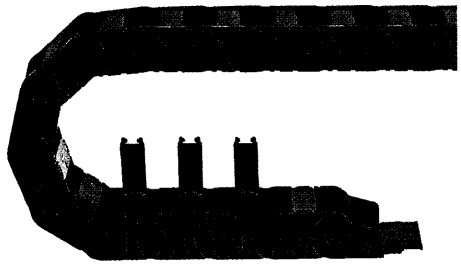


Part No.	Bi	Ba	Bending Radii
200.02. Radius	25	41	055 075 100 125 150
200.03. Radius	38	54	175 200 225 250
200.05. Radius	57	73	
200.07. Radius	77	93	
200.09. Radius	90	106	These bending radii can be
200.10. Radius	103	119	combined with every chain
200.12. Radius	125	141	width!

Supplement part no. with required radius
for example 200.02.100.0

Series 240 Energy Chain (snap-open along inner radius)





Part No.	Bi	Ba	Bending Radii
240.02. Radius	25	41	055 075 100 125 150
240.03. Radius	38	54	175 200 225 250
240.05. Radius	57	73	
240.07. Radius	77	93	
240.09. Radius	90	106	These bending radii can be
240.10. Radius	103	119	combined with every chain
240.12. Radius	125	141	width!

Supplement part no. with required radius
for example 240.02.100.0