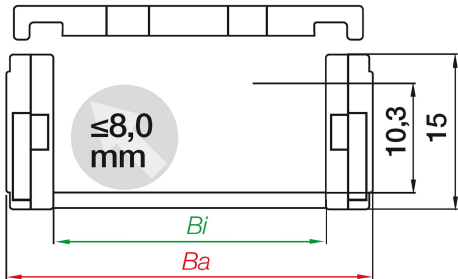


Energy chain 07 series | zip-open along the outer radius | inner height: 10.3mm

07.06.018.0



Energy chain 07 series | zip-open along the outer radius | inner height: 10.3mm

- Inner height hi: 10,3mm
- Inner width Bi: 6 - 64mm
- Bend radii R: 18 - 48mm
- Pitch: 20mm
- zipper-like design for quick opening and closing of lids
- Small pitch for low noise, smooth running
- High accelerations: 100m/s<sup>2</sup> and more

|                     |         |
|---------------------|---------|
| Outer height Ha     | 15 mm   |
| Inner height [Hi]   | 10.3 mm |
| Inner width [Bi]    | 6 mm    |
| Max. cable diameter | 8 mm    |
| Outer width [Ba]    | 12.5 mm |

Product description

Introducing the Energy Chain 07 Series, a practical solution for your assembly needs. Featuring a unique zipper-like design, this e-chain allows for quick opening and closing, significantly reducing assembly time. With an inner height of 10.3mm and a small pitch for low noise, it ensures smooth operation even in high acceleration environments. Ideal for applications requiring efficiency and performance, this sturdy and flexible chain is your go-to choice for seamless movement.

Dynamic properties

|                            |        |
|----------------------------|--------|
| v max. unsupported (speed) | 20 m/s |
| v max. gliding (speed)     | 10 m/s |



## Dimensions

|                               |                      |
|-------------------------------|----------------------|
| Inner height [Hi]             | 10.3 mm              |
| Inner width [Bi]              | 6 mm                 |
| Outer height Ha               | 15 mm                |
| Outer width [Ba]              | 12.5 mm              |
| Bend radius [R]               | 18 mm                |
| Pitch                         | 20 mm                |
| Chain links per metre         | 50                   |
| Max. cable diameter           | 8 mm                 |
| H                             | 51 mm                |
| D                             | 56 mm                |
| K                             | 100 mm               |
| DeltaHF                       | 10 mm                |
| Velocity FLG unsupported max. | 20 m/s               |
| Acceleration FLG max.         | 200 m/s <sup>2</sup> |
| Maximum unsupported length    | 0.55 m               |

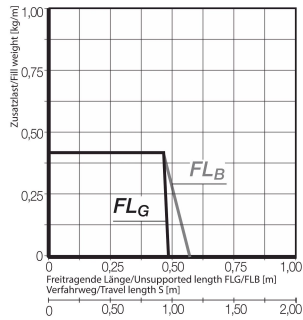
## General properties

|                              |                             |
|------------------------------|-----------------------------|
| Opening principle            | Openable along outer radius |
| Maximum fill weight          | 0.4 kg/m                    |
| Colour                       | black                       |
| Material                     | igumid G LW                 |
| Energy chain system          | zipper                      |
| Shipping weight (kg or kg/m) | 0.1225                      |
| Temperature e-chain min.     | -40 °C                      |
| Temperature e-chain max.     | 120 °C                      |

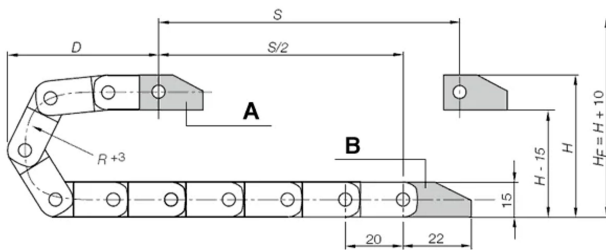
## Certificates and standards



## Additional information and diagrams



The unsupported length versus fill weight  
 X axis: Unsupported length in m FLB/FLG  
 Y axis: Fill weight in kg/m  
 Lower scale: Travel S in m  
 FLB = Unsupported with permitted sag  
 FLG = Unsupported with straight upper run



A = Moving end, B = Fixed end

Pitch: 20mm

Chain links per m: 50

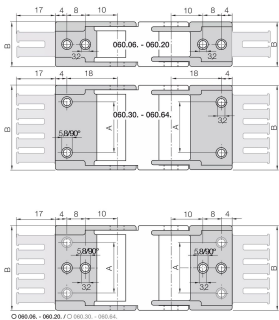
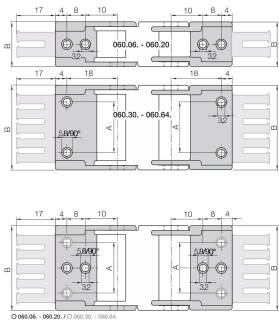
Travel: S

Chain length =  $\frac{S}{2} + KK$  = Surcharge for bending radius for e-chain length calculation in mm

**Note:** Chain length for the e-chain links is rounded up, as there are no half links.



Mounting brackets polymer - fixed



| Part number    | with tiewrap plates | Mounting type | Alignment (mounting bracket) |
|----------------|---------------------|---------------|------------------------------|
| 060.06.12.A1   | No                  | A1            | fixed                        |
| 060.06.12.A2   | No                  | A2            | fixed                        |
| 060.06.12.A3   | No                  | A3            | fixed                        |
| 060.06.12.A4   | No                  | A4            | fixed                        |
| 060.06.12PZ.A1 | Yes                 | A1            | fixed                        |
| 060.06.12PZ.A2 | Yes                 | A2            | fixed                        |
| 060.06.12PZ.A3 | Yes                 | A3            | fixed                        |
| 060.06.12PZ.A4 | Yes                 | A4            | fixed                        |

Mounting type

