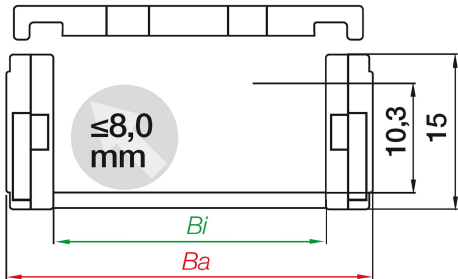


Energy chain 07 series | zip-open along the outer radius | inner height: 10.3mm

07.20.038.0



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/s² and more

Outer height Ha	15 mm
Inner height [Hi]	10.3 mm
Inner width [Bi]	20 mm
Max. cable diameter	8 mm
Outer width [Ba]	27 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]	20 mm
Outer height Ha	15 mm
Outer width [Ba]	27 mm
Bend radius [R]	38 mm
Pitch	20 mm
Chain links per metre	50
Max. cable diameter	8 mm
H	91 mm
D	76 mm
K	160 mm
DeltaHF	10 mm
Velocity FLG unsupported max.	20 m/s
Acceleration FLG max.	200 m/s ²
Maximum unsupported length	0.55 m

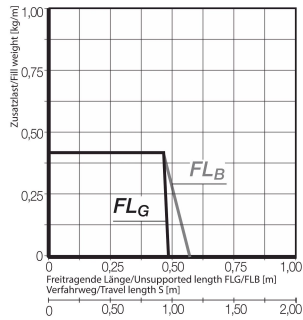
General properties

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)	0.1900
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

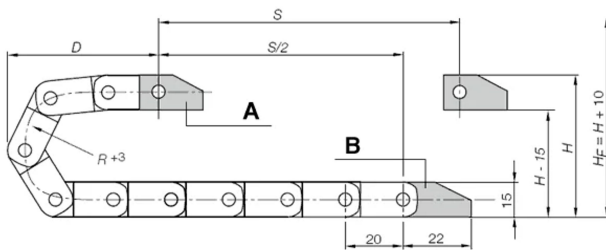
X axis: Unsupported length in m FLB/FLG

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

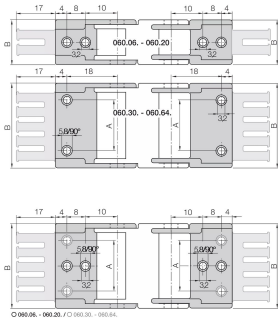
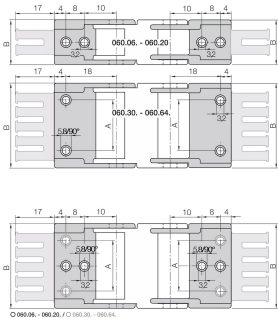
Travel: S

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)
060.20.12.A1	No	A1	fixed
060.20.12.A2	No	A2	fixed
060.20.12.A3	No	A3	fixed
060.20.12.A4	No	A4	fixed
060.20.12PZ.A1	Yes	A1	fixed
060.20.12PZ.A2	Yes	A2	fixed
060.20.12PZ.A3	Yes	A3	fixed
060.20.12PZ.A4	Yes	A4	fixed

Mounting type

