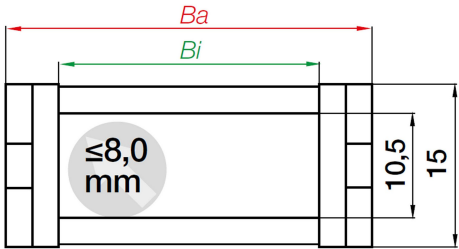


Energy chain 06 series | One-piece, non-openable |
Inner height: 10,5mm

06.20.018.0



Energy chain 06 series | One-piece, non-openable | Inner height: 10,5mm

- Inner height hi: 10,5mm
- Inner width Bi: 6 - 64mm
- Bend radii R: 18 - 38mm
- Pitch: 20mm
- For the smallest applications
- Lightweight and cost-effective
- Quiet operation due to small pitch
- Ideal for applications with low inertia

Outer height Ha	15 mm
Inner height [Hi]	10.5 mm
Inner width [Bi]	20 mm
Max. cable diameter	8 mm
Outer width [Ba]	27 mm

Product description

Introducing the Energy Chain 06 Series, a one-piece, non-openable solution designed for the smallest applications. With an inner height of 10.5mm, this lightweight and cost-effective e-chain is perfect for highly dynamic environments. Enjoy quiet operation thanks to its small pitch, making it ideal for applications with low inertia. Optimize your installation space with this efficient and reliable choice from the E2 micro e-chains family.

Dynamic properties

v max. unsupported (speed)	20 m/s
v max. gliding (speed)	3 m/s



Dimensions

Inner height [Hi]	10.5 mm
Inner width [Bi]	20 mm
Outer height Ha	15 mm
Outer width [Ba]	27 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
Velocity FLG unsupported max.	20 m/s
Acceleration FLG max.	200 m/s ²
Maximum unsupported length	0.6 m

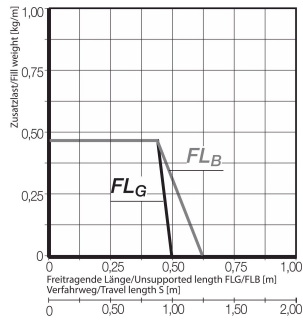
General properties

Opening principle	Non-openable
Maximum fill weight	0.48 kg/m
Colour	black
Material	igumid G LW
Energy chain system	E2 micro
Shipping weight (kg or kg/m)	0.1880

Certificates and standards



Additional information and diagrams



The unsupported length depends on 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 permissible sag

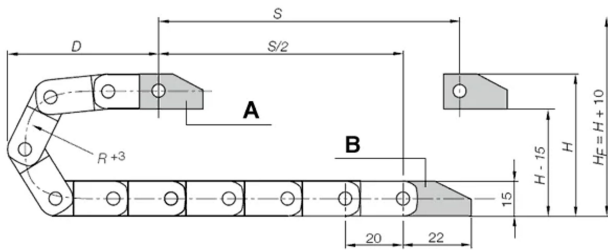
FLG = unsupported with straight upper run

Reference example A:

fill weight = 0,25 [kg/m]

unsupported length FLB = 0.52m

travel = 1.2m



A = Moving end, B = Fixed end

Pitch: 16.7mm

Chain links per m: 50

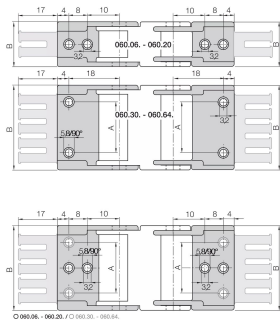
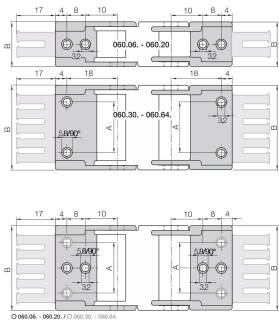
Travel: S

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

