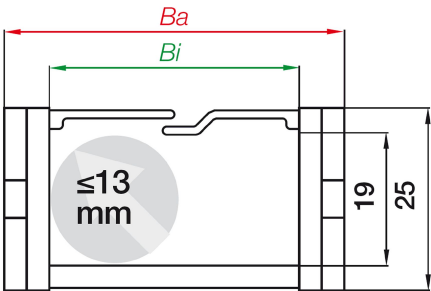


Energy chain E14 series | split crossbar along the outer radius | inner height: 19mm

E14.3.048.0



Energy chain E14 series | split crossbar along the outer radius | inner height: 19mm

- Inner height hi: 19mm
- Inner width Bi: 15 - 50mm
- Bend radii R: 28 - 125mm
- Pitch: 30,5mm
- Quick assembly: "easy" design - simply press cables in without opening and closing crossbars
- Flexible: easy to lengthen and shorten at any point
- Cost-effective: low price with one-piece design

Outer height Ha	25 mm
Inner height [Hi]	19 mm
Inner width [Bi]	38 mm
Max. cable diameter	13 mm
Outer width [Ba]	50 mm

Product description

Introducing the Energy Chain E14 series, designed for efficiency and convenience. This cost-effective energy chain features a split crossbar along the outer radius, allowing for quick cable installation without the hassle of opening and closing crossbars. With an inner height of 19mm, it offers flexibility to lengthen or shorten as needed. Its one-piece design ensures a low price, making it the ideal solution for your cable management needs. Save time and effort with the E14 series energy chain.

Dynamic properties

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



Dimensions

Inner height [Hi]	19 mm
Inner width [Bi]	38 mm
Outer height Ha	25 mm
Outer width [Ba]	50 mm
Bend radius [R]	48 mm
Pitch	30.5 mm
Chain links per metre	33
Max. cable diameter	13 mm
H	121 mm
D	106 mm
K	215 mm
DeltaHF	10 mm
Velocity FLG unsupported max.	20 m/s
Acceleration FLG max.	200 m/s ²
Maximum unsupported length	0.65 m

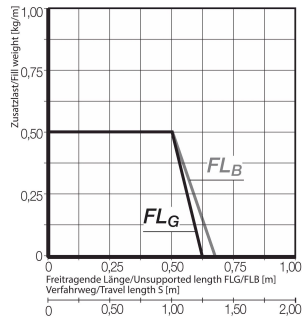
General properties

Opening principle	Openable along outer radius
Maximum fill weight	0.5 kg/m
Colour	black
Material	igumid_nb
Energy chain system	easy chain
Shipping weight (kg or kg/m)	0.35805
Temperature e-chain min.	-40 °C
Temperature e-chain max.	120 °C

Certificates and standards



Additional information and diagrams



The unsupported length depends on fill weight

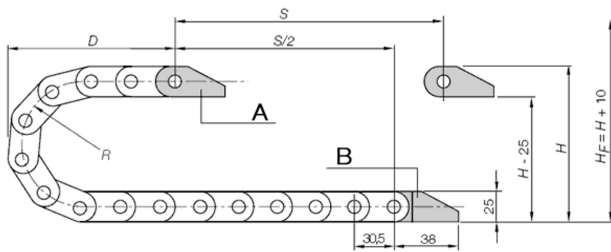
X axis: unsupported length in m FLB/FLG

Y axis: fill weight in kg/m

Lower scale: travel S in m

FLB = unsupported with permissible sag

FLG = unsupported with straight upper run



Crossbars overlapping on the opening mechanism

A = moving end, B = fixed end

Pitch: 30.5mm

Links/m: 33

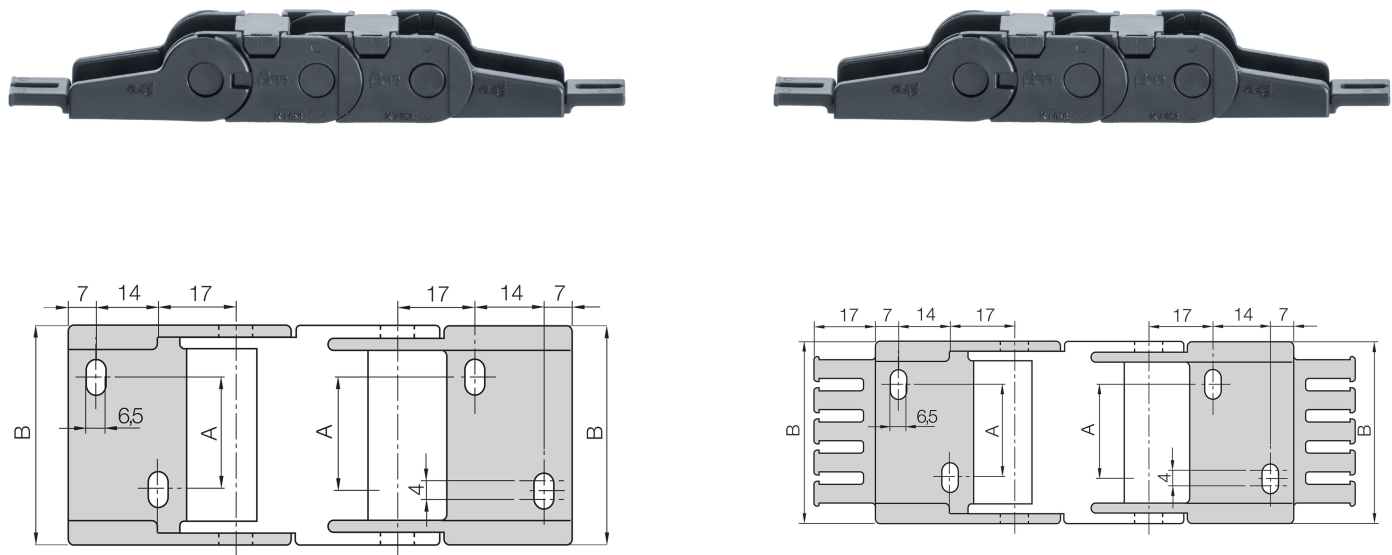
Travel: S

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)
114.3.12PA1	No	A1	fixed
114.3.12PA2	No	A2	fixed
114.3.12PA3	No	A3	fixed
114.3.12PA4	No	A4	fixed
114.3.12PZ.A1	Yes	A1	fixed
114.3.12PZ.A2	Yes	A2	fixed
114.3.12PZ.A3	Yes	A3	fixed
114.3.12PZ.A4	Yes	A4	fixed

Mounting type

