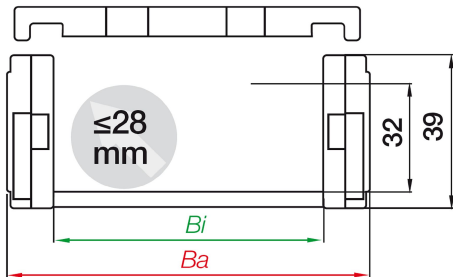


Energy chain 17 series | zip-open along the outer radius | inner height: 32mm

17.4.075.0



Energy chain 17 series | zip-open along the outer radius | inner height: 32mm

- Inner height hi: 32mm
- Inner widths Bi: 15 - 100mm
- Bend radii R: 63 - 125mm
- Pitch: 30.5mm
- 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	39 mm
Inner height [Hi]	32 mm
Inner width [Bi]	50 mm
Max. cable diameter	28 mm
Outer width [Ba]	60.5 mm

Product description

Introducing the Energy Chain 17 Series, designed for practicality and performance. This innovative zipper e-chain features a unique zipper-like design for quick opening and closing, significantly reducing assembly time. With an inner height of 32mm and a small pitch for low noise, it ensures smooth operation even in high acceleration environments. Perfect for applications needing efficiency and reliability, the Energy Chain 17 Series is your go-to solution for dynamic movement.

Dynamic properties

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



Dimensions

Inner height [Hi]	32 mm
Inner width [Bi]	50 mm
Outer height Ha	39 mm
Outer width [Ba]	60.5 mm
Bend radius [R]	75 mm
Pitch	30.5 mm
Chain links per metre	33
Max. cable diameter	28 mm
H	189 mm
D	140 mm
K	300 mm
DeltaHF	25 mm
Velocity FLG unsupported max.	20 m/s
Acceleration FLG max.	200 m/s ²
Maximum unsupported length	1 m

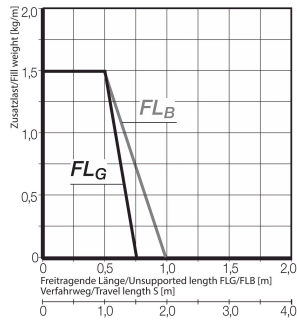
General properties

Opening principle	Openable along outer radius
Maximum fill weight	1 kg/m
Colour	black
Material	igumid G LW
Energy chain system	zipper
Shipping weight (kg or kg/m)	0.68343
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

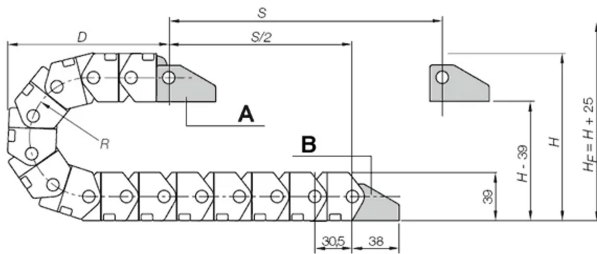
FLG = unsupported with straight upper run

Reference example A:

fill weight = 0.75 [kg/m]

unsupported length FLB = 0.75 m

travel = 1.5 m



A = Moving end, B = Fixed end

Pitch: 30,5mm

Chain links per m: 33

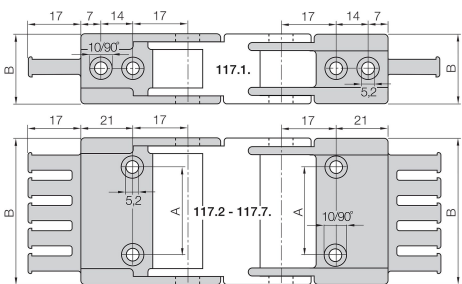
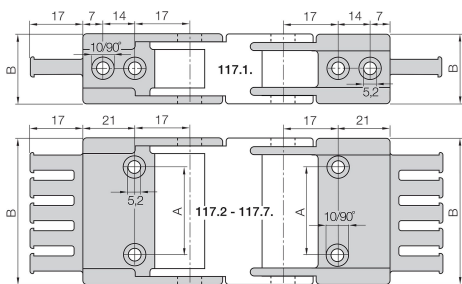
Travel: S

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.

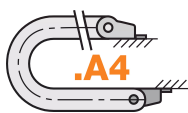
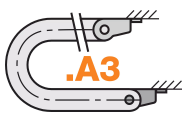
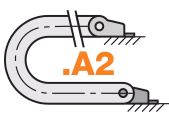
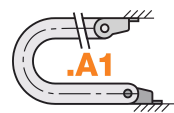


Mounting brackets polymer - fixed

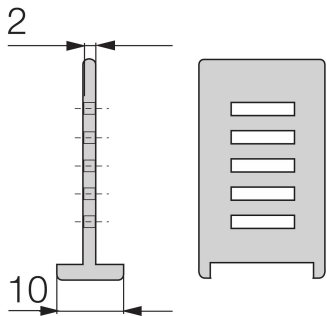


Part number	with tiewrap plates	Mounting type	Alignment (mounting bracket)
117.4.12PA1	No	A1	fixed
117.4.12PA2	No	A2	fixed
117.4.12PA3	No	A3	fixed
117.4.12PA4	No	A4	fixed
117.4.12PZ.A1	Yes	A1	fixed
117.4.12PZ.A2	Yes	A2	fixed
117.4.12PZ.A3	Yes	A3	fixed
117.4.12PZ.A4	Yes	A4	fixed

Mounting type



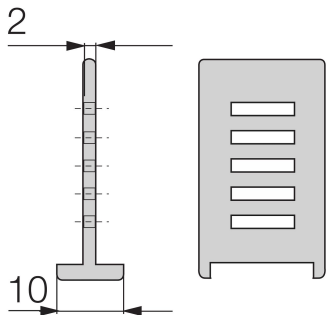
Seperators



Separator, slotted, unassembled

For width index 17.1 to 17.4. Vertical separation in e-chains®. The slot allows basic vertical/horizontal shelving arrangements.

Part number	Mounted
171	No

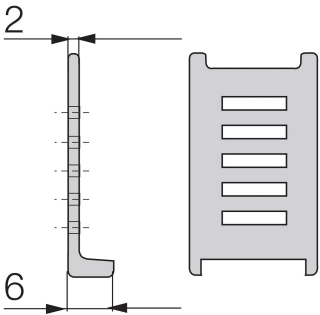


Separator, slotted, unassembled

For width index 17.5 to 17.7. Vertical separation in e-chains®. The slot allows basic vertical/horizontal shelving arrangements.

Part number	Mounted
173	No





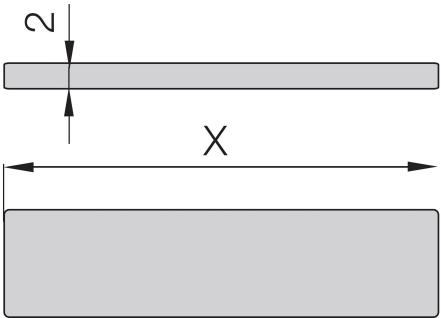
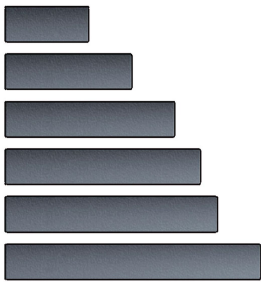
Side plate slotted, unassembled

Allows modular shelving right up to the side links. No clearance required!

Part number	Mounted
175	No



Shelves



Part number	Width	Mounted
110.15	15 mm	No
110.25	25 mm	No
110.38	38 mm	No
110.50	50 mm	No