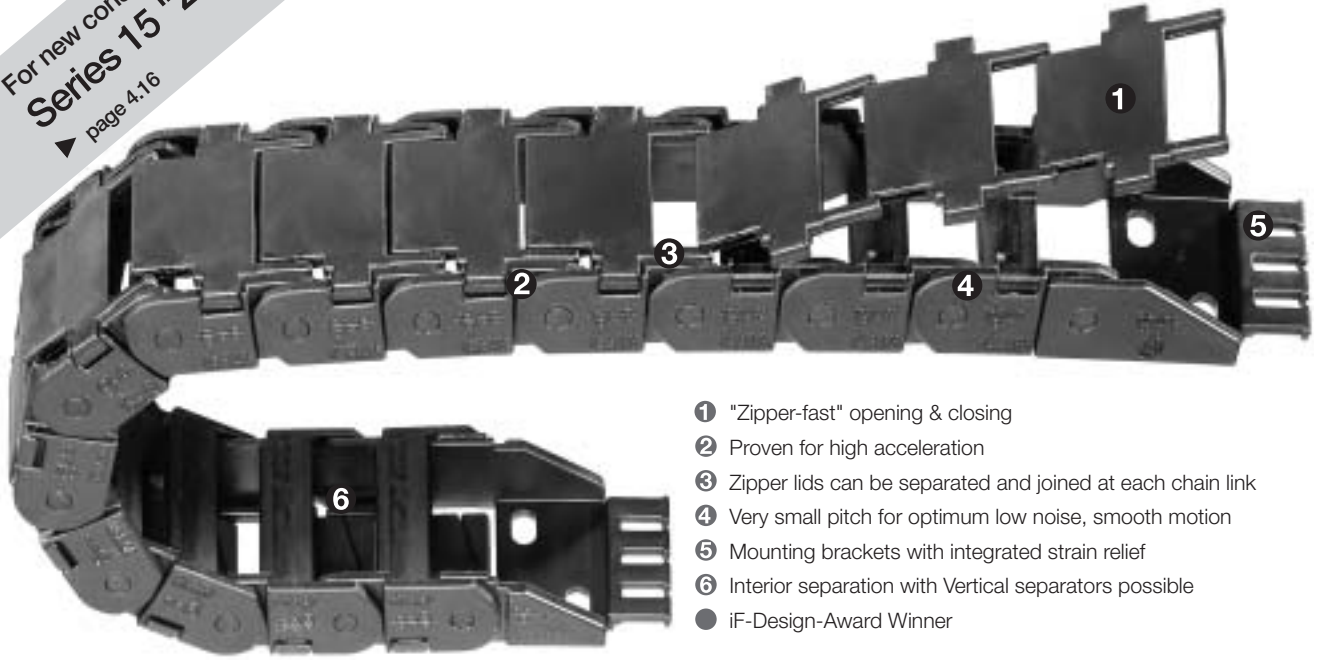


For new constructions:
Series 15 "Zipper"
▶ page 4.16

igus® E-ChainSystems®

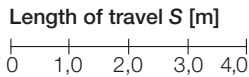
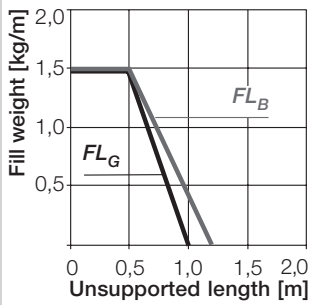


- ① "Zipper-fast" opening & closing
- ② Proven for high acceleration
- ③ Zipper lids can be separated and joined at each chain link
- ④ Very small pitch for optimum low noise, smooth motion
- ⑤ Mounting brackets with integrated strain relief
- ⑥ Interior separation with Vertical separators possible
- iF-Design-Award Winner



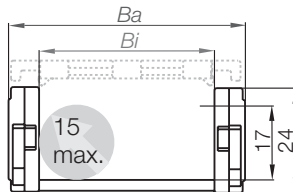
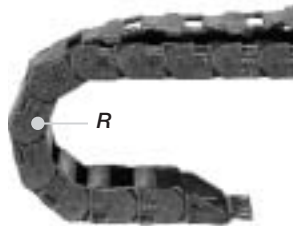
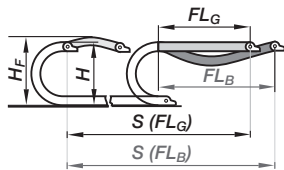
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51147 Cologne



Unsupported length

FL_G = with straight upper run
FL_B = with permitted sag

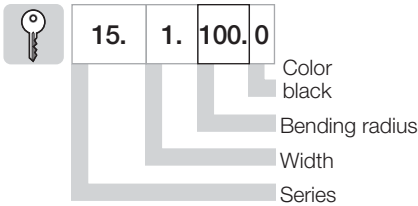


Series 15 classic - zip-open along the outer radius

Part No.	Bi [mm]	Ba [mm]	R [mm] Bending Radii
15.1.□.0	15	26	038 048 075
15.2.□.0	25	36	110 125 145
15.3.□.0	38	49	180
15.4.□.0	50	61	180
			Radii for all widths!

Supplement Part No. with required radius. Example: 15.1.100.0
Bending radii listed above can be combined with every chain width!

Part No. structure



Order example 2,0 m complete E-Chain®
(indicate chain-lengths or number of links)

- 2,0 m (66 links) **Series 15.1.100.0**
- + 2 separators **152** assembled each 2nd link
- + 1 set mounting brackets + **tiewrap plates 101.12PZ**

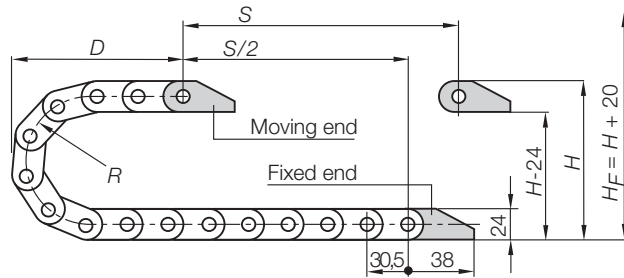
Series 15 classic Zipper

Pitch = 30,5 mm Links per m = 33 Chain length = $S/2 + K$

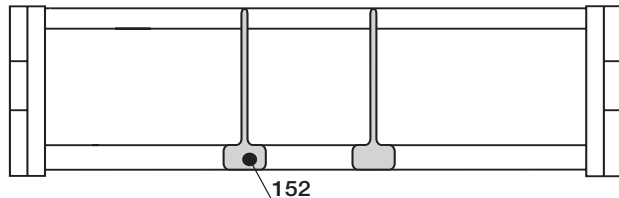
R	038	048	075	110	125	145	180
H	100	120	175	245	275	315	385
D	90	120	145	170	190	225	279
K	185	215	300	410	455	520	630

The required clearance height is $H_F = H + 20$ mm (with 1 kg/m fill weight). Please consult igus® if space is particularly restricted.

Installation Dimensions

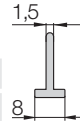


Zipper classic
Inner height: 17 mm



Vertical Separator

unassembled	151
assembled	152



Interior Separation

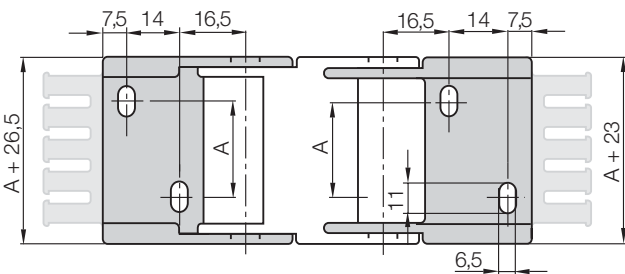


10...1P(Z)

Moving end

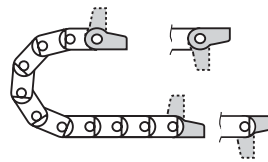
10...2P(Z)

Fixed end



Moving end (with bore)

10...1P(Z)



10...2P(Z)
Fixed end (with pin)

Mounting Brackets

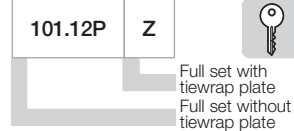


Polymer with or without strain relief tiewrap plates

For E-Chain®	Part No. full set with tiewrap plate	Part No. full set without tiewrap plate	Dimension A [mm]
15.1. ▶	101.12PZ	101.12P	-
15.2. ▶	102.12PZ	102.12P	10
15.3. ▶	103.12PZ	103.12P	23
15.4. ▶	104.12PZ	104.12P	35

Tiewrap plates are possible at the moving end and/or the fixed end!

Part No. structure



Full set, for both ends:

101. 12 PZ (+ tiewrap plates)

Single-part order:

101. 1 PZ (+ tiewrap plates)

Mounting bracket with bore

101. 2 PZ (+ tiewrap plates)

Mounting bracket with pin



One-piece or two-piece steel mounting brackets possible

Additional Features

For more features

▶ see link below



▶ chapter 9