office e-chain®

energy supply for offices and furniture New
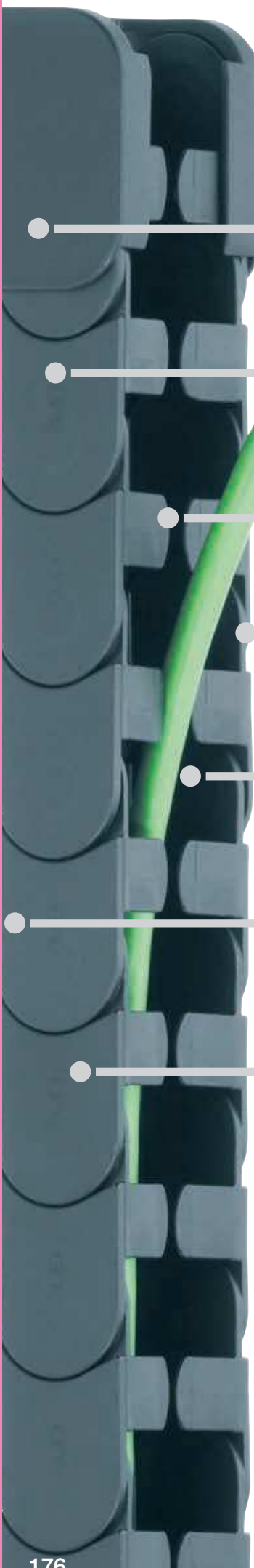
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Advantages of the office e-chain® series:

- Aesthetic design
- Closed outer contours (half-tubes)
- Easy to fill, even when installed
- Cable-friendly due to smooth interior
- UL94-V2 certified e-chain®
- Mounting brackets easy to clip on
- Mounting brackets can be either screwed or bonded thanks to the large flat surface on the bottom

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When to use another e-chain® series:

- When an unsupported application is required ▶ **easy chain®, page 146**
- Where small-sized static applications are required ▶ **E1, page 180**
- When a multi-axis office solution with a round chain is required ▶ **triflex® R, TRL series, page 742**
- When a multi-axis office solution with a square chain is required ▶ **triflex® R, page 728**

Mounting brackets:
the e-chain® is
easily clipped on

Stylishly simple:
designed and developed
especially for the
furniture industry

Save time:
simply press cables in,
with "easy" design

Flammability class:
UL94-V2 classification

Abrasion-optimised:
cable-friendly due
to smooth interior

Protected:
closed on the outside for cable
protection and concealment

Colours:
different colours
available upon request

Energy supply for offices and furniture - office e-chain®

Cables fitted quickly, e-chain® attached quickly, attractive design, nice and tidy. This e-chain® was designed and developed especially for the furniture industry.

- Aesthetic design
- Closed outer contours (half-tubes)
- Mounting brackets easy to clip on
- Easy to fill, even when installed with "easy" design
- Cable-friendly due to smooth interior
- UL94-V2 certified
- Mounting brackets can be either screwed or bonded thanks to the large flat surface on the bottom

Typical industries and applications
- Electrically adjustable furniture ● Miscellaneous applications without highly dynamic movements

UL94-V2 classification

igus

Series	Inner height hi [mm]	Inner width Bi [mm]	Outer width Ba [mm]	Outer height ha [mm]	Bend radius R [mm]	Page

office e-chain®
"easy" design - split crossbar along the inner radius

| ZF14 New | 21 | 38 | 46.6 | 25 | 028 | 178 |

Available from stock. Delivery time* 24hrs or today!

*Delivery time means time until shipping of goods (after technical release)

Technical data

e-chain® material - permitted temperature °C, igumid NB	**-40°C / +80°C**
Mounting bracket material - permitted temperature °C, igumid G	**-40°C / +120°C**
Flammability class, igumid NB	**VDE 0304 IIC UL94-HB**
Flammability class, igumid G	**VDE 0304 IIC UL94-V2**

FL_G = unsupported with straight upper run FL_B = unsupported with permitted sag

Order example | Order key and colour options

**Order example for complete e-chain® (1.0 m),
colour black, with mounting brackets and interior separation:**

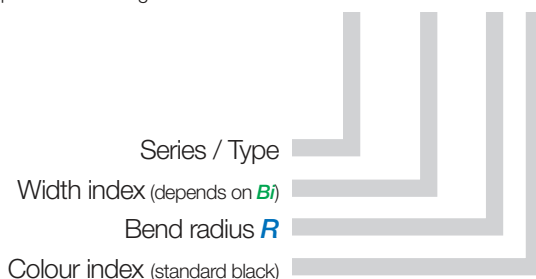| e-chain® (1.0 m)	Please indicate e-chain® length or number of links: 1.0 m or 33 links	**ZF14.038.028.0**

Order text: **1 m ZF14.038.028.0**

Order key

Split crossbar along the outer radius **ZF14.038.028.0**

Series / Type
Width index (depends on *Bi*)
Bend radius *R*
Colour index (standard black)

Order index for colour options

Colour		Order index	Colour		Order index
■	**Black**	Standard **.0**	■	**Orange**	Special colour **.2**
■	**Grey**	Special colour e-chain® **.3**	■	**Yellow**	Special colour **.4**
□	**White**	Special colour **.1**	■	**Light grey**	Special colour **.14**
■	**Grey-white**	Special colour **.1S**			

Black e-chains® available from stock.
Above special colours upon request.

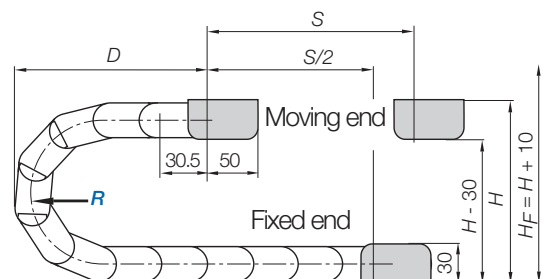## Version ZF14 │ "easy" design, split crossbar along the inner radius

Part No. e-chains®	Bi [mm]	Ba [mm]	R Available bend radii [mm]	Weight [kg/m]
ZF14.038.R.0	38	46.6	│ 028 │	≈ 0.297

Complete Part No. with required radius (**R**). Example: **ZF14.038.028.0**

Installation dimensions
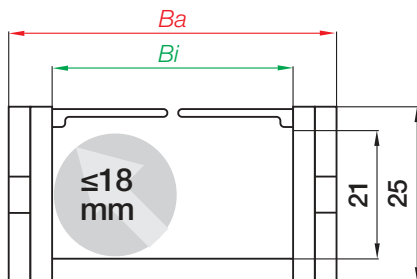
Inner height [mm]		21
Pitch [mm/link]		30.5
Links/m		33
corresponds to [mm]		1,006.5
Chain length		$L_K = {}^s/_2 + K$

R	028
H^{+5}	86
D	116,5
K	211

The required clearance height: $H_F = H + 10$ **mm** (with 0.2 kg/m fill weight)

Mounting brackets, polymer one-piece

Suitable for moving and fixed ends. e-chain® clips on easily. Small barbs on mounting bracket lock onto the e-chain® opening crossbar.

Part No. ZF114.038.12 - consisting of 2 x ZF114.038.1

Insert cables quickly and easily with office e-chain®, the energy supply for offices and furniture