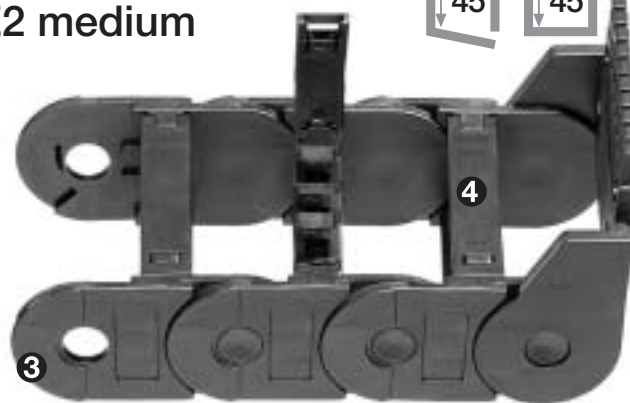


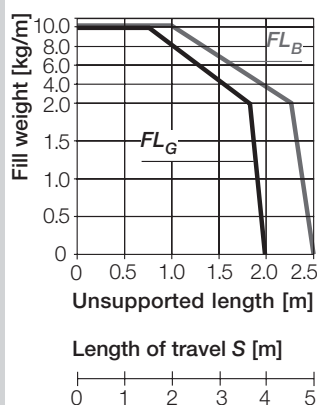
For new constructions:  
**Series "E2/000"**  
3400/3500 ▶ page 5:108

## Series 340 · 350 E2 medium



- ❶ Double stop dog for long unsupported length
- ❷ Large pins for long service life
- ❸ Lateral glide surfaces for side-mounted operation
- ❹ Available with extender crossbars for large hoses
- ❺ Cable-friendly, smooth interior
- ❻ Integrated strain relief possible
- ❼ Series 340 snap-open along inner radius can be combined with Series 350 snap-open along outer radius, accessible from the top
- ❽ Dirt-repellent, contoured exterior

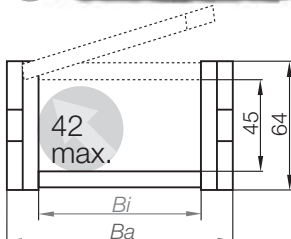
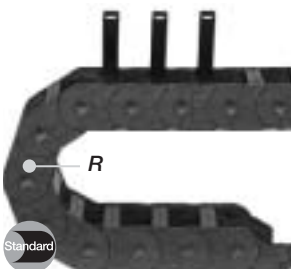
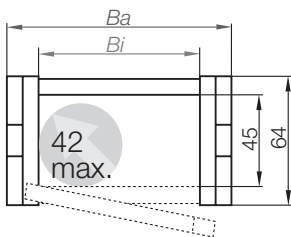
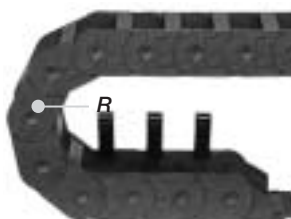
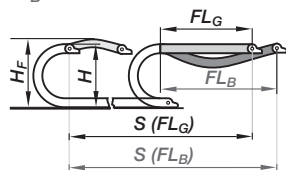
● ● ● Price index



### Unsupported length

$FL_G$  = with straight upper run

$FL_B$  = with permitted sag



### Series 340 - snap-open along inner radius

| Part No.    | $Bi$ [mm] | $Ba$ [mm] | $R$ [mm] Bending Radii |
|-------------|-----------|-----------|------------------------|
| 340.050.□.0 | 50        | 70        | 075 100 125            |
| 340.075.□.0 | 75        | 95        | 150 200 250            |
| 340.100.□.0 | 100       | 120       | 300                    |
| 340.115.□.0 | 115       | 135       |                        |
| 340.125.□.0 | 125       | 145       |                        |
| 340.150.□.0 | 150       | 170       |                        |
| 340.175.□.0 | 175       | 195       |                        |
| 340.200.□.0 | 200       | 220       |                        |
| 340.225.□.0 | 225       | 245       |                        |
| 340.250.□.0 | 250       | 270       |                        |

Radii for all widths!

Supplement Part No. with required radius. Example: 340.050.100.0  
Bending radii listed above can be combined with every chain width!

### Series 350 - snap-open along outer radius

| Part No.    | $Bi$ [mm] | $Ba$ [mm] | $R$ [mm] Bending Radii |
|-------------|-----------|-----------|------------------------|
| 350.050.□.0 | 50        | 70        | 075 100 115*           |
| 350.075.□.0 | 75        | 95        | 125 150 200            |
| 350.100.□.0 | 100       | 120       | 250 300                |
| 350.115.□.0 | 115       | 135       |                        |
| 350.125.□.0 | 125       | 145       |                        |
| 350.150.□.0 | 150       | 170       |                        |
| 350.175.□.0 | 175       | 195       |                        |
| 350.200.□.0 | 200       | 220       |                        |
| 350.225.□.0 | 225       | 245       |                        |
| 350.250.□.0 | 250       | 270       |                        |

Radii for all widths!

\* not for Series 350.100

Supplement Part No. with required radius. Example: 350.150.100.0  
Bending radii listed above can be combined with every chain width!

### Part No. structure



350. 150.100.0

Color  
black

Bending radius

Width

Series



### Order example 5,0 m complete E-Chain®

(Indicate chain-lengths or number of links)

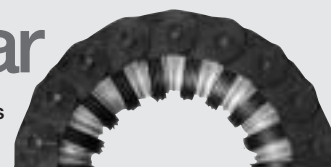
5,0 m (75 links) **Series 350.150.100.0**

+ 2 separators **311** assembled each 2<sup>nd</sup> link

+ 1 set mounting brackets + tie-wrap plates **3150.34PZB**

## Extender Crossbar

Extension for Series 340/350 E2 medium - For large hoses  
and enlarged inner heights ▶ page 12.14



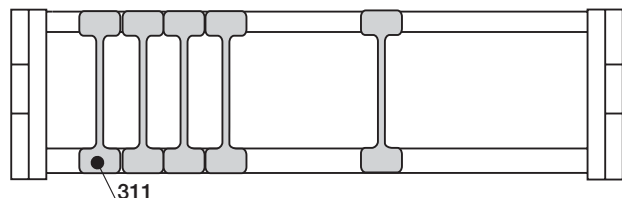
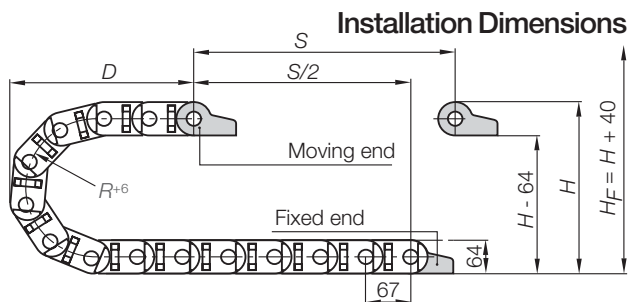
# Series 340 · 350 E2 medium

Pitch = 67 mm    Links per m = 15    Chain length =  $S/2 + K$

| R   | 075 | 100 | 115* | 125 | 150 | 200 | 250  | 300  |
|-----|-----|-----|------|-----|-----|-----|------|------|
| H+5 | 215 | 265 | 294  | 315 | 365 | 465 | 565  | 665  |
| D   | 150 | 200 | 215  | 225 | 250 | 300 | 350  | 400  |
| K   | 400 | 500 | 550  | 650 | 725 | 875 | 1050 | 1225 |

The required clearance height is  $H_F = H + 40$  mm (with 2,5 kg/m fill weight). Please consult igus® if space is particularly restricted.

\* not for Series 350.100



## Vertical Separator

|             |     |
|-------------|-----|
| unassembled | 301 |
| assembled   | 311 |



## Interior Separation

(the complete range ► 5.108)

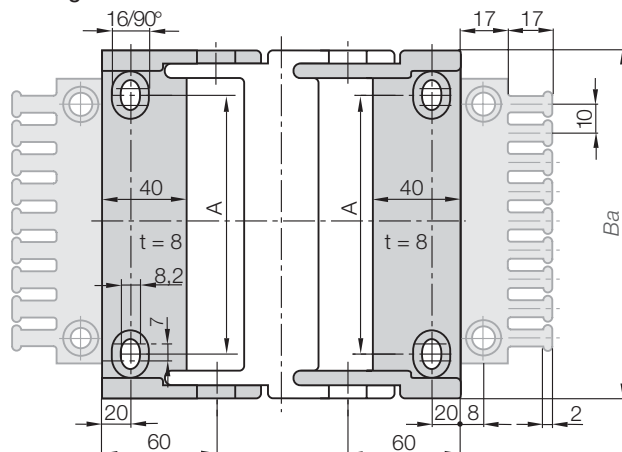


## 3...3PZ(B)

Moving end

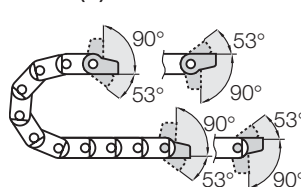
## 3...4PZ(B)

Fixed end



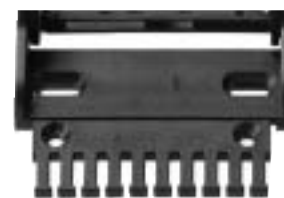
## Moving end (with bore)

3...3PZ(B)



3...4PZ(B)  
Fixed end (with pin)

## Mounting Brackets



Polymer pivoting, with or without strain relief tiewrap plates

| For E-Chain®   | Part No.      | Part No. with     | Part No.         | Dimension A |
|----------------|---------------|-------------------|------------------|-------------|
|                | full set with | tiewrap plate +   | full set without | [mm]        |
|                | tiewrap plate | 10 cable tiewraps | tiewrap plate    |             |
| 340/350.050. ► | 3050.34PZB    | 3050.34PZBK1      | 3050.34PZ        | 28          |
| 340/350.075. ► | 3075.34PZB    | 3075.34PZBK1      | 3075.34PZ        | 53          |
| 340/350.100. ► | 3100.34PZB    | 3100.34PZBK1      | 3100.34PZ        | 78          |
| 340/350.115. ► | 3115.34PZB    | 3115.34PZBK1      | 3115.34PZ        | 93          |
| 340/350.125. ► | 3125.34PZB    | 3125.34PZBK1      | 3125.34PZ        | 103         |
| 340/350.150. ► | 3150.34PZB    | 3150.34PZBK1      | 3150.34PZ        | 128         |
| 340/350.175. ► | 3175.34PZB    | 3175.34PZBK1      | 3175.34PZ        | 153         |
| 340/350.200. ► | 3200.34PZB    | 3200.34PZBK1      | 3200.34PZ        | 178         |
| 340/350.225. ► | 3225.34PZB    | 3225.34PZBK1      | 3225.34PZ        | 203         |
| 340/350.250. ► | 3250.34PZB    | 3250.34PZBK1      | 3250.34PZ        | 228         |

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

## Part No. structure

|           |   |
|-----------|---|
| 3050.34PZ | B |
|-----------|---|



Full set with tiewrap plate  
Full set without tiewrap plate

## Full set, for both ends:

3050.34PZB (+ tiewrap plates)

## Single-part order:

3050.3PZB (+ tiewrap plates)

Mounting bracket with bore

3050.4PZB (+ tiewrap plates)

Mounting bracket with pin



Interior separation with full-width shelves and shelves



Mounting bracket polymer locking available



KMA mounting bracket available with C-profile

## Additional Features

For more features  
► see link below



E2 medium classic  
Inner height: 45 mm

Phone +49- (0) 22 03-96 49-800  
Fax +49- (0) 22 03-96 49-222



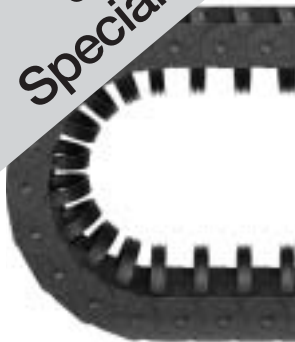
► chapter 10



► chapter 9

340/350  
Special Solution

## Extender Crossbar for Series 340 · 350



340.150...



340.175...



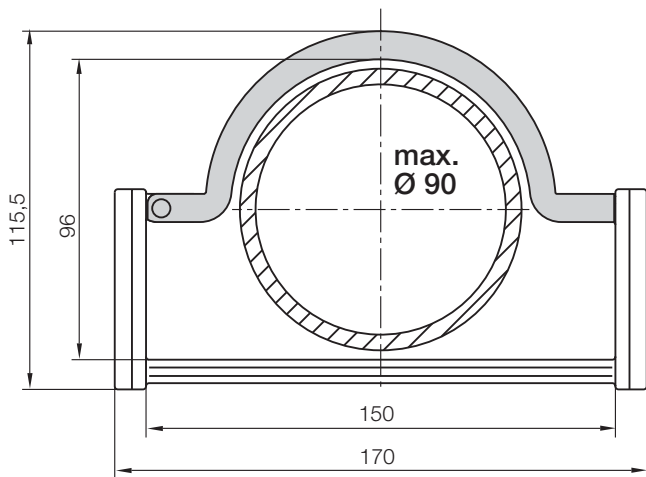
350.150...



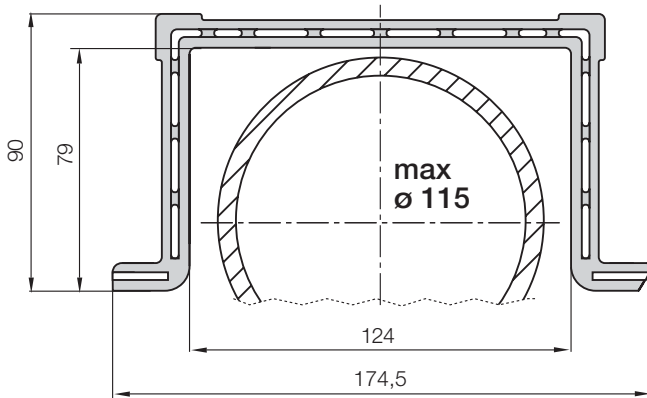
350.175...

### Extender Crossbar Series 340/350 E2 medium - for larger hoses or increased inner chain heights

igus® Extender Chains were developed to provide a very smooth hose guidance. This type of extender chain is suitable for hoses with an outside diameter up to 115 mm. Hose guidance for inside radius (Series 350) as well as outside radius (Series 340) can be easily managed. Based on its design, a smooth movement of the chain is only possible with outside radius guidance. If outside radius guidance is used, the extenders of the chain links must be supported separately to avoid touching down on the surface below. We gladly assist you with your selection for a suitable guide troughs and your system's design.



Cross section of a chain link with rounded extender crossbar. Crossbar Part No.: 350.150.D090



Cross section of a chain link with square extender crossbar. Crossbar Part No.: 350.175.D115\*

| For E-Chain®<br>Series | Ø max.<br>hoses [mm] | Fastening<br>method | Form   | Bending Radii<br>[mm]   |
|------------------------|----------------------|---------------------|--------|-------------------------|
| 340.150.               | 90                   | inner radius        | round  | 150 200 250 300         |
| 340.175.               | 115                  | inner radius        | square | 200 250 300             |
| 350.150.               | 90                   | outer radius        | round  | 075 100 125 150 200 250 |
| 350.175.               | 115                  | outer radius        | square | 075 100 125 150 200 250 |

\*Part No. 350.175.RD115 also available with rounded extender bars. Extenders suitable for Series 3400/3500. Please contact us for further information.



Part No. structure (extender crossbar)

350.

150.

D090.

100

0

Color

black

Radius

Crossbar inside Ø

Width

Series

Order example 5,0 m complete E-Chain®

(indicate chain-lengths or number of links)

5,0 m (75 links) **Series 350.150.D090.100.0**

+ 1 set mounting brackets + tiwrap plates **3150.34PZB**