

# Serie Heavy

## SR307E

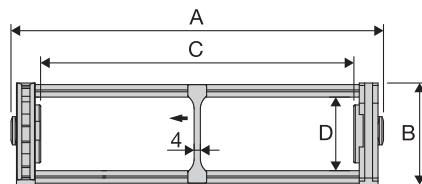
### Nylon Cable Chain with alu-drawn frames

#### Inner height (D) 46,5 mm

Strong side-bands chain with dovetailed links and triple low friction pins.

Alu-drawn frames mounted each second pitch full-pitch frames version available on demand.

Special C size available on demand.  
Vertical and horizontal separator systems are available.



#### Separator

- Unassembled Part.no S307EF
- Assembled Part.no S307EFMC

#### Pin

Part.no PG307

#### Technical characteristics when self-supported

|              |                     |
|--------------|---------------------|
| Speed        | 8 m/s               |
| Acceleration | 40 m/s <sup>2</sup> |

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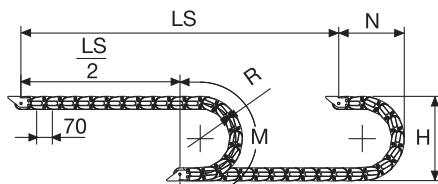
For higher requirements please consult our technical dept.

| A<br>mm | B<br>mm | C<br>mm | D<br>mm | R<br>mm                     | Weight/m<br>kg | Chain<br>Part Number |
|---------|---------|---------|---------|-----------------------------|----------------|----------------------|
| 113     | 65      | 75      | 46,5    | 075-090-120-140-170-200-250 | 1,95           | SR307E075□□□*        |
| 138     | 65      | 100     | 46,5    | 075-090-120-140-170-200-250 | 2,00           | SR307E100□□□*        |
| 188     | 65      | 150     | 46,5    | 075-090-120-140-170-200-250 | 2,15           | SR307E150□□□*        |
| 238     | 65      | 200     | 46,5    | 075-090-120-140-170-200-250 | 2,25           | SR307E200□□□*        |
| 288     | 65      | 250     | 46,5    | 075-090-120-140-170-200-250 | 2,35           | SR307E250□□□*        |
| 338     | 65      | 300     | 46,5    | 075-090-120-140-170-200-250 | 2,50           | SR307E300□□□*        |
| C+38    | 65      | .....   | 46,5    | 075-090-120-140-170-200-250 |                | SR307E□□□□□□**       |

\*Complete the code by inserting the value of the radius (R): Ex. SR307E075120

\*\*Complete the code by inserting the value of the quote C and the radius (R): Ex. SR307E1203120

Chain equipped with alu-drawn frames full-pitch: complete the code by inserting the letter D.  
Ex. SR307E075120D



Length of chain (L)

Half travel distance ( $\frac{LS}{2}$ )  
plus length of curve (M)

$$L = \frac{LS}{2} + M$$

| R<br>mm | H<br>mm | N<br>mm | M<br>mm |
|---------|---------|---------|---------|
| 075     | 219     | 180     | 380     |
| 090     | 249     | 195     | 425     |
| 120     | 309     | 225     | 520     |
| 140     | 349     | 245     | 580     |
| 170     | 409     | 275     | 675     |
| 200     | 469     | 305     | 770     |
| 250     | 569     | 355     | 930     |



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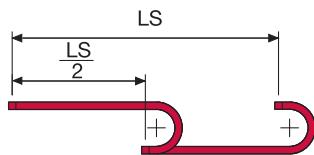
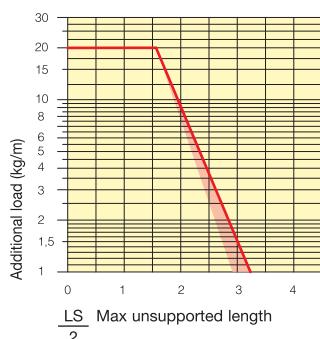
### SR307E

Nylon Cable Chain  
with alu-drawn frames

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### Self-Supporting Capacity Diagram

The maximum length of the self-supporting capacity ( $\frac{LS}{2}$ ) in relationship to the weight of the cables and hoses contained per linear metre.



The red marking in the diagram area considers the difference of weight between various widths of chains assembled with alu-drawn frames every second pitch.

For applications with  $\frac{LS}{2}$  and weights not included in the area of the diagram showing self-supporting capacity, verify the possible use of support rollers (see page 30).

### End Brackets

The end brackets set allows the two ends of the chain to be attached to the equipment. Set complete with tiewrap clamps available on request.

#### Nylon Type

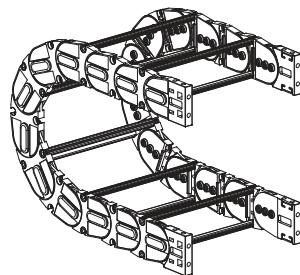


Fig. A  
The chain can be fixed frontally, inner or outer radius. (Fig A)

#### Bright Zinc Plated Steel Type\*\*\*

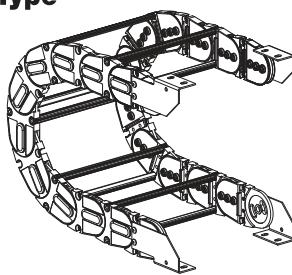
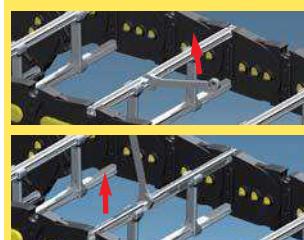
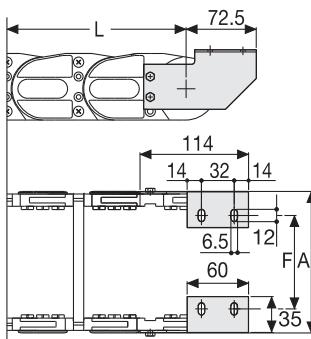
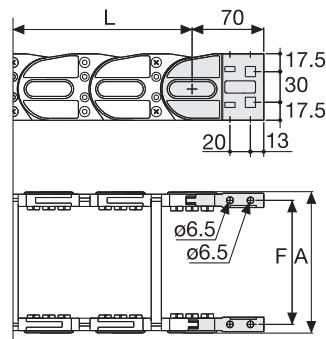


Fig. B  
Chain fixed outside the radius. (Fig B)  
See end brackets mounting variations page 31.



How to open alu-drawn frames

| Chain Type            | F mm |
|-----------------------|------|
| SR307E075             | 94   |
| SR307E100             | 119  |
| SR307E150             | 169  |
| SR307E200             | 219  |
| SR307E250             | 269  |
| SR307E300             | 319  |
| Special widths F=A-19 |      |

| Chain Type            | F mm |
|-----------------------|------|
| SR307E075             | 64   |
| SR307E100             | 89   |
| SR307E150             | 139  |
| SR307E200             | 189  |
| SR307E250             | 239  |
| SR307E300             | 289  |
| Special widths F=A-49 |      |

| Nylon Type Part Numbers  |                  |
|--------------------------|------------------|
| Complete Set Assembled   |                  |
| Chain Type               | End Brackets Set |
| SR307E...                | AN307KM          |
| Complete Set Unassembled |                  |
| Chain Type               | End Brackets Set |
| SR307E...                | AN307K           |

| Bright Zinc Plated Steel Type Part Numbers |                  |
|--|------------------|
| Complete Set Assembled                     |                  |
| Chain Type                                 | End Brackets Set |
| SR307E...                                  | A307EKM□**       |
| Complete Set Unassembled                   |                  |
| Chain Type                                 | End Brackets Set |
| SR307E...                                  | A307EK□**        |

| Tiewrap Clamp                               |
|---|
| Assembl. SFCT307E□□□*KM                     |
| Unassembl. SFCT307E□□□*K                    |
| * Inner width (C)                           |
| ** 1=Pos.1; 2=Pos.2; 3=Pos.3                |
| *** Available on request in stainless steel |

Supplementary movable separators.

Special tool to remove the connecting pivots:  
Part Number PZ036.



For further information please consult Brevetti Stendalto's Technical Office