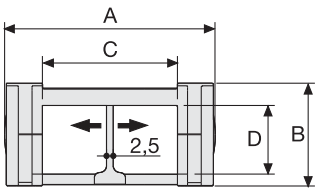
# Serie Medium

# SR305
## Nylon Cable Chain

### Inner height (D) 23 mm

Double share single link joining construction with large anti-friction single-pin. Non-opening. Vertical separators are available. Due to its design with double-share lateral side, the chain is very robust, meanwhile offering very low friction. Used with guide channels, this chain is particularly suitable for long distance travel.




| Separator* | |
|---|---|
| - Unassembled | Part.no S305 |
| - Assembled | Part.no S305MC |
| **Pin** | |
| | Part.no PG305 |

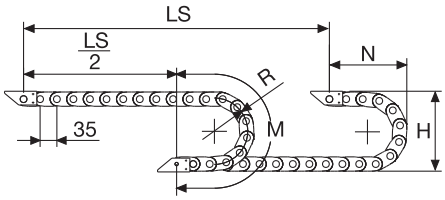
| Technical characteristics when self-supported | |
|---|---|
| Speed | 10 m/s |
| Acceleration | 50 m/s² |

*For higher requirements please consult our technical dept.*

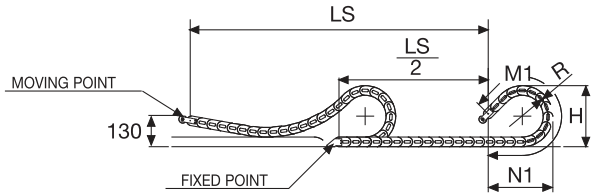
***For sliding applications, technical data can slightly change according to frequency, added weight and environment.***

**Separator not to be used in long-stroke applications*

| A | B | C | D | R | Weight/m | Chain |
|---|---|---|---|---|---|---|
| mm | mm | mm | mm | mm | kg | Part Number |
| 54 | 30 | 30 | 23 | 50 | 0,90 | **SR305008** |
| 54 | 30 | 30 | 23 | 70 | 0,90 | **SR305010** |
| 54 | 30 | 30 | 23 | 120 | 0,90 | **SR305020** |
| 54 | 30 | 30 | 23 | 150 | 0,90 | **SR305050** |
| 74 | 30 | 50 | 23 | 50 | 1,00 | **SR305009** |
| 74 | 30 | 50 | 23 | 70 | 1,00 | **SR305030** |
| 74 | 30 | 50 | 23 | 120 | 1,00 | **SR305040** |
| 74 | 30 | 50 | 23 | 150 | 1,00 | **SR305060** |




| R | H | N | M | N1 | M1 |
|---|---|---|---|---|---|
| mm | mm | mm | mm | mm | mm |
| 50 | 130 | 105 | 230 | 125 | 270 |
| 70 | 170 | 120 | 290 | 160 | 365 |
| 120 | 270 | 175 | 450 | 330 | 800 |
| 150 | 330 | 205 | 545 | 435 | 1065 |




Length of chain (L)

Half travel distance $(\frac{LS}{2})$

plus length of curve (M) or (M1)

**$L = \frac{LS}{2}$ + M or M1**

Serie Medium

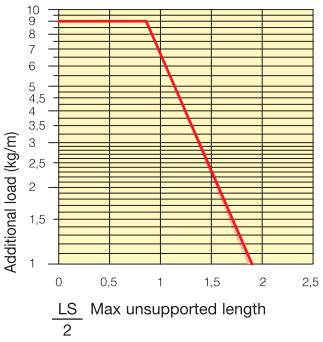
# SR305

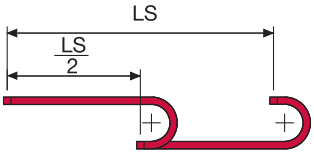
**Nylon Cable Chain**



## 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 chain.

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.

### Nylon Type

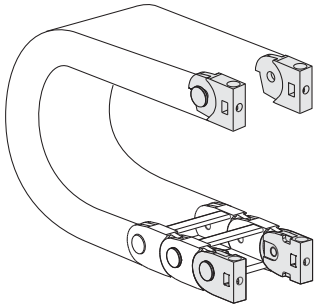


*Fig. A*
*The chain can be fixed frontally, inner or outer radius. (Fig A)*

### Bright Zinc Plated Steel Type***

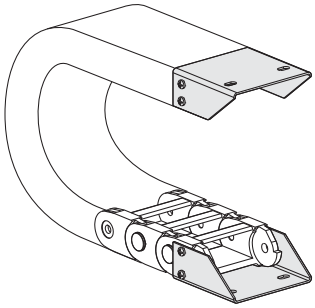
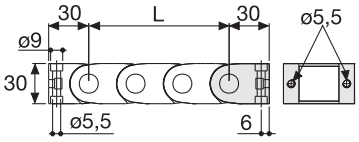
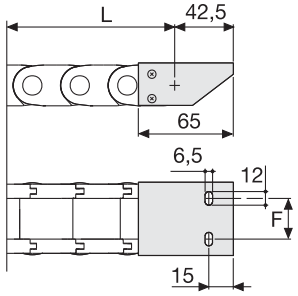


*Fig. B*
*Chain fixed outside the radius. (Fig B) See end brackets mounting variations page 31.*




| Chain Type | F mm |
|---|---|
| SR305 C=30 | 40,5 |
| SR305 C=50 | 60,5 |

| Chain Type | F mm |
|---|---|
| SR305 C=30 | 30,5 |
| SR305 C=50 | 51,5 |

### Nylon Type Part Numbers

**Complete Set Assembled**

| Chain Type | End Brackets Set |
|---|---|
| SR305 C=30 | **AN305KM** |
| SR305 C=50 | **AN305KM** |

**Complete Set Unassembled**

| Chain Type | End Brackets Set |
|---|---|
| SR305 C=30 | **AN305K** |
| SR305 C=50 | **AN305K** |

### Bright Zinc Plated Steel Type Part Numbers

**Complete Set Assembled**

| Chain Type | End Brackets Set |
|---|---|
| SR305 C=30 | **AP305KM□**** |
| SR305 C=50 | **AG305KM□**** |

**Complete Set Unassembled**

| Chain Type | End Brackets Set |
|---|---|
| SR305 C=30 | **AP305K□**** |
| SR305 C=50 | **AG305K□**** |

*** 1=Pos.1; 2=Pos.2; 3=Pos.3*
**** Available on request in stainless steel*

***Suitable to long travel distance. To choose the guide channel see page 84***

***Special tool to remove the connecting pivots: Part Number PZ010.***

***For further information please consult Brevetti Stendalto's Technical Office***