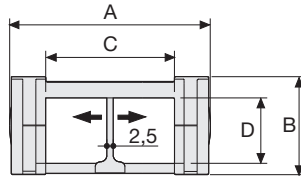


# Serie Medium

## SR305 Nylon Cable Chain

### Inner height (D) 20 mm

Double share single link joining construction with large anti-friction single-pin. Not openable. 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
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### Technical characteristics when self-supported

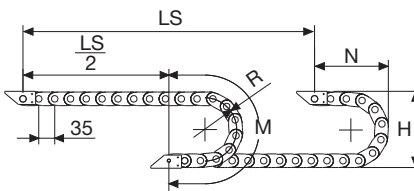
Speed	10 m/s
Acceleration	50 m/s <sup>2</sup>

For higher requirements please consult our technical dept.

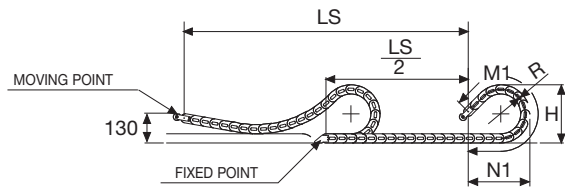
For sliding applications, technical data can slightly change according to frequency, added weight and environment.

\*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
52	30	30	20	50	0,90	SR305008
52	30	30	20	70	0,90	SR305010
52	30	30	20	120	0,90	SR305020
52	30	30	20	150	0,90	SR305050
72	30	50	20	50	1,00	SR305009
72	30	50	20	70	1,00	SR305030
72	30	50	20	120	1,00	SR305040
72	30	50	20	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



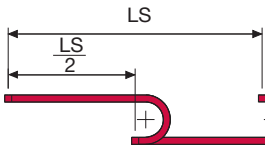
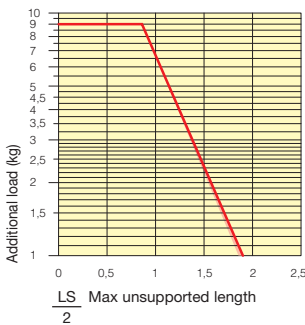
Length of chain (L)  
Half travel distance ( $\frac{LS}{2}$ )  
plus length of curve (M) or (M1)

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



**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**

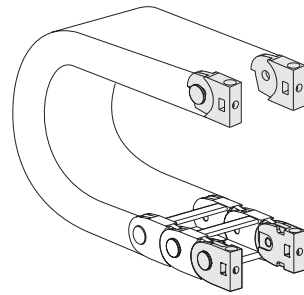


Fig. A  
The chain can be fixed frontally, inner or outer radius. (Fig A)

**Bright Zinc Plated Steel Type\***

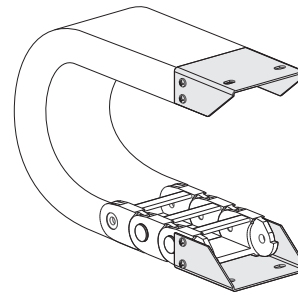
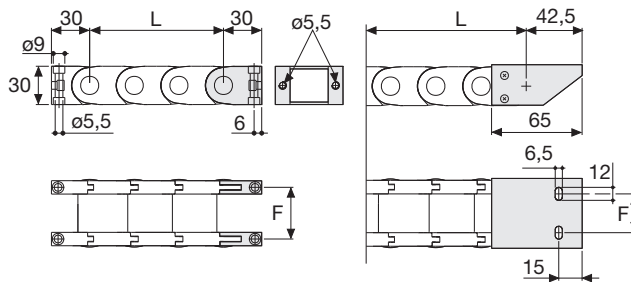


Fig. B  
Chain fixed outside the radius. (Fig B)  
See end brackets mounting variations page 31.



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	End Brackets
Type	Set
SR305 C=30	AN305KM
SR305 C=50	AN305KM

Complete Set Unassembled	
Chain	End Brackets
Type	Set
SR305 C=30	AN305K
SR305 C=50	AN305K

**Bright Zinc Plated Steel Type Part Numbers**

Complete Set Assembled	
Chain	End Brackets
Type	Set
SR305 C=30	AP305KM□**
SR305 C=50	AG305KM□**

Complete Set Unassembled	
Chain	End Brackets
Type	Set
SR305 C=30	AP305K□**
SR305 C=50	AG305K□**

\*Available on request in stainless steel  
\*\* 1=Pos.1; 2=Pos.2; 3=Pos.3  
See end brackets mounting variations page 31.



Suitable to long travel distance.  
To choose the guide channel see page 80

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

For further information please consult Brevetti Stendalto's Technical Office