

300 Nylon cable Chain

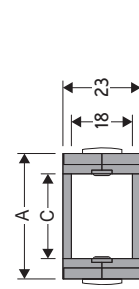
Inner height (D) 17 mm

Single link construction with anti-friction single-pin. Non-opening. The chain is an extremely strong 18 mm chain, particularly suitable for high frequency/acceleration operations, like on laser cutting heads, in which the chain is highly stressed, due to high acceleration in all 3 directions.

Technical characteristics when self-supported

Speed	10 m/s
Acceleration	50 m/s ²

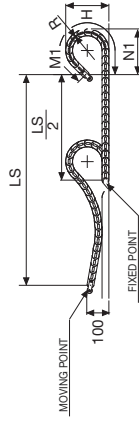
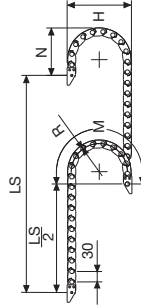
For higher requirements please consult our technical dept.



A	B	C	D	R	Weight/m	Chain
mm	mm	mm	mm	mm	kg	Part Number
30	23	14	18	040-060-080-120	0.38	300015 □□□ *
41	23	25	18	040-060-080-120	0.43	300025 □□□ *
52	23	36	18	040-060-080-120	0.48	300035 □□□ *

*Complete the code by inserting the value of the radius (R): Ex. 300015 □□□ □□

R	H	N	M	N1	M1
mm	mm	mm	mm	mm	mm
40	103	85	185	185	385
60	143	105	248	410	865
80	183	125	315	545	1165
120	263	165	440	750	1640



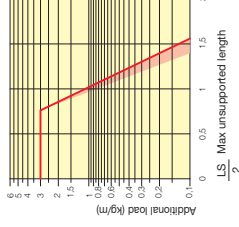
Length of chain (L)
Half travel distance ($\frac{LS}{2}$)
plus length of curve (M) or (M1)
 $L = \frac{LS}{2} + M$ or $M1$

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



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.



Bright Zinc Plated Steel End Brackets***

The end brackets set allows the two ends of the chain to be attached to the equipment.

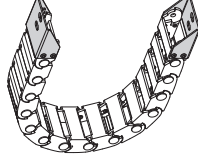
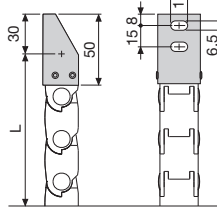


Fig. A
Chain fixed outside the radius (Fig A)
See end brackets mounting variations page 31.



Bright Zinc Plated Steel Type Part Numbers

Chain	End Brackets
Type	Set
300015...	AP300KM □□**
300025...	AG300KM □□**
300035...	A300035KM □□**
Chain	End Brackets
Type	Set
300015...	AP300K □□**
300025...	AG300K □□**
300035...	A300035K □□**

** 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 54

Special tool to remove the connecting pivots:
Part Number P2010.



For further information please consult Brevetti Stendaito's Technical Office