

CABLE CHAINS CABLE CHAINS CABLE CHAINS CABLE CHAINS



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Brevetti Stendalto

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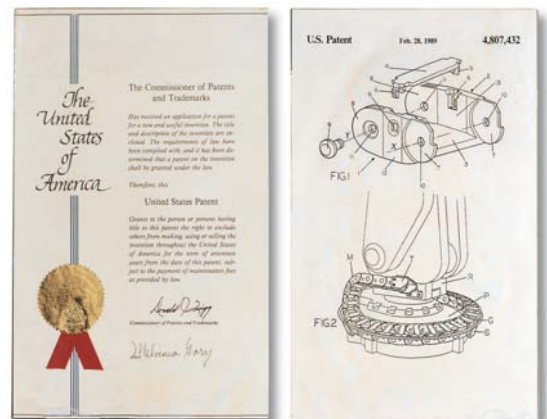


Brevetti Stendalto is the name of the Company founded almost 40 years ago when a highly dynamic new demand, emerging from the boost of automation concepts, was spreading over the most developed industrialized countries.

At that time, Mr. Giovanni Mauri (President and founder of Brevetti Stendalto) designed and started proposing nylon cable chains to be applied where steel cable chains were too heavy and expensive to fulfil customers' needs.

Looking beyond, he got off more than a new line of products, he gave the original profile to the Company: a successful collection of innovation, technical support, pragmatic solutions and products with the best cost & benefit ratio, able to give customers a real added value to the long-term partnership with Brevetti.

The constant evolution of the Company is presently borne through a wide range of plastic, steel and stainless steel chains for all kinds of applications, new modern premises in Monza and Mesero, branches in France and Germany and a consolidated worldwide sales network.



1989
Patent for the circular nylon cable chain.

Glancing at short-term future, Brevetti is working on three main directions: development of customized chains for special projects, support to buyers and designers to make their choices more efficient through a real problem-solving approach, and extension of our range of standard products,

The latter, in particular, is necessary to meet the newest market requirements for higher performances with acceptable costs. Brevetti's greater and greater experience in all industrial sectors makes it easier.

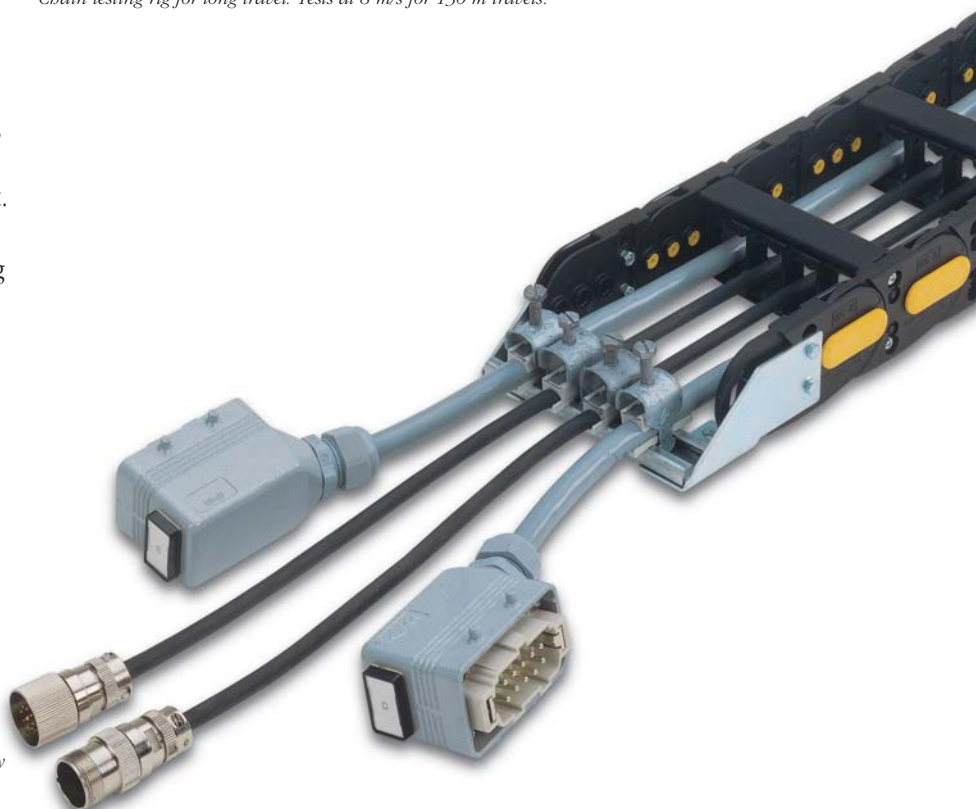
We in Brevetti believe that some special applications, such as offshore platforms and harbour cranes, must be faced with non-ordinary means. That is why we decided to give our customers the support of a "Special Projects Division" available to study customized solutions all over the world.

We always keep in mind that our customers have to be "free to project". This is Brevetti Stendalto's philosophy, and to empower it, we can offer our "Total Chain System", a new concept of cable chains completely finished with extra flexible cables and connectors. From the customer's point of view, it means saving costs due to wiring, assembling and installation time, reducing possible problems, and being certain to choose components of the highest reliability available on the market.

So, let's keep on growing together, still going ahead.



Chain testing rig for long travel. Tests at 8 m/s for 130 m travels.



Chain complete with cables and connectors: Plug & Play solution.

Versatile Automation

1



Production moulds are manufactured using modern CNC machine-tools.



Each aspect of production, whether it be the preparation of moulds and their subsequent shaping or component manufacture and assembly, is monitored closely.

The Company endeavours to adopt the most up-to-date technology available. Considerable resources are invested into this, ensuring the highest standard of products on the market. Production moulds are manufactured using modern CNC machine-tools.

Mould of Light series cable chain.

Brevetti Stendalto manufacturing process (internal moulding department and complete automated assembly lines) ensures quality and short delivery times.

Complete automated assembly lines ensure a high standard of quality chains.

Products

Nylon cable chains

Steel cable chains

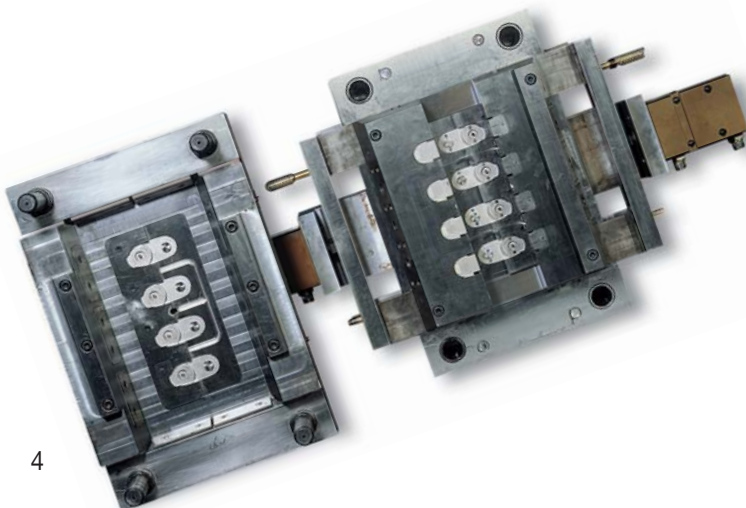
Cable chain cables



Completely automated assembly lines ensure a high standard of quality chains.



Production moulds are manufactured using modern CNC machine-tools.



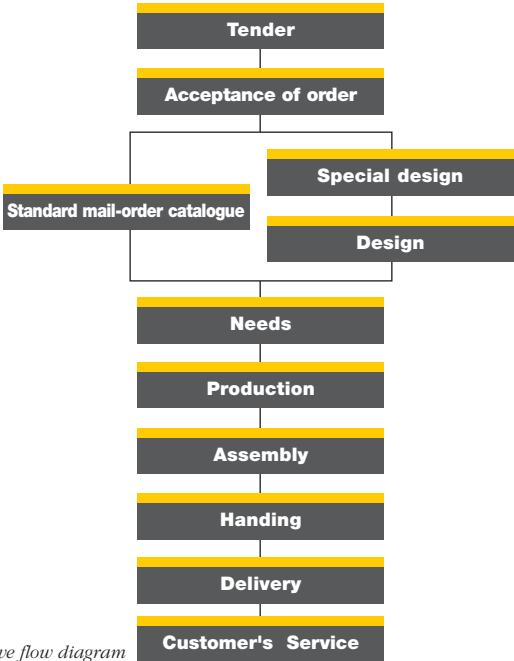
UNI EN ISO 9001:2008

In Brevetti Stendalto the quality is a result of our activities.
To be a success and reference company Brevetti Stendalto strives for:

- full satisfaction of our customers ever increasing requests.
- continuing improvement of our company capacities.
- valorization and improvement of our human recourses.
- involvement of all our staff in striving for quality assurance.
- careful selection of suppliers and involvement of these in our quality process.
- standardization of production, to assure competitive products.
- innovative products to meet the markets ever increasing requests.
- fast assistance to guarantee the customers reduced breakdown time.



Certificate
UNI EN ISO 9001:2008



Operative flow diagram

The Way to Automation

1

Past experience acquired in the marketing of machine tools has prompted Brevetti Stendalto to diversify its proposals. Today, thanks to products from Brevetti Stendalto, present day problems in cable and tubing protection are solved in the best possible way.

Our products can be found in many applications, especially in the field of automated production, for example in industrial robots and machinery for crafting metal, wood and stone.



Welding robot equipped with nylon chains.



Steel chain 30.



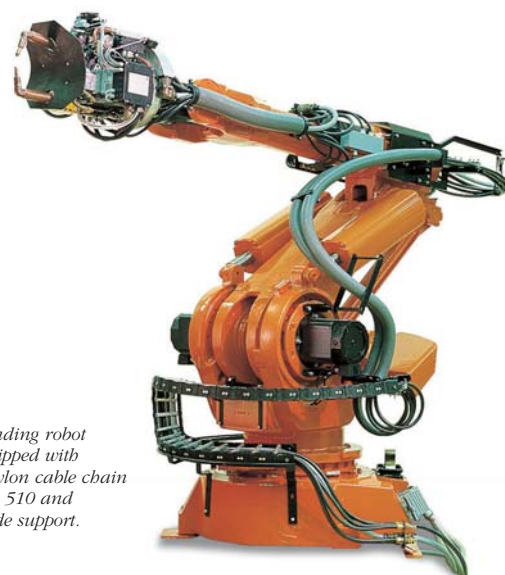
318 for long travel distance on a crane application.



Machine tools equipped with Heavy series cable chains.



Circular nylon chains on welding robots.



Welding robot equipped with a nylon cable chain type 510 and guide support.

Brevetti Stendalto products are used in many, very different, fields of application. We have experience ranging from packaging & automated handling, storage and transportation to providing solutions used in all fields of engineering like mining, offshore drilling, building, in steel works, ports and terminals.

We are always close to our Clients. Our distribution network, consisting of manufacturing plants, sales companies and warehouses, is spread across the entire world.



35 steel chains with supporting frame applied to De Icing's equipment at München airport (Germany).



310 plastic chains and 45 stainless steel chains applied to "Oresund Bridge" between Sweden and Denmark.

Always Available

1

All cable chains are studied with the support of CAD-CAM systems.



Each Client is important to Brevetti Stendalto regardless of the needs and the size of his request. Brevetti Stendalto offers professional support for assessing the Client's needs, consultation inherent to the choice of products, design of new products, design of a new product and visiting *client* installations.

Technical Office

Competence and availability are the key words in technical assistance.

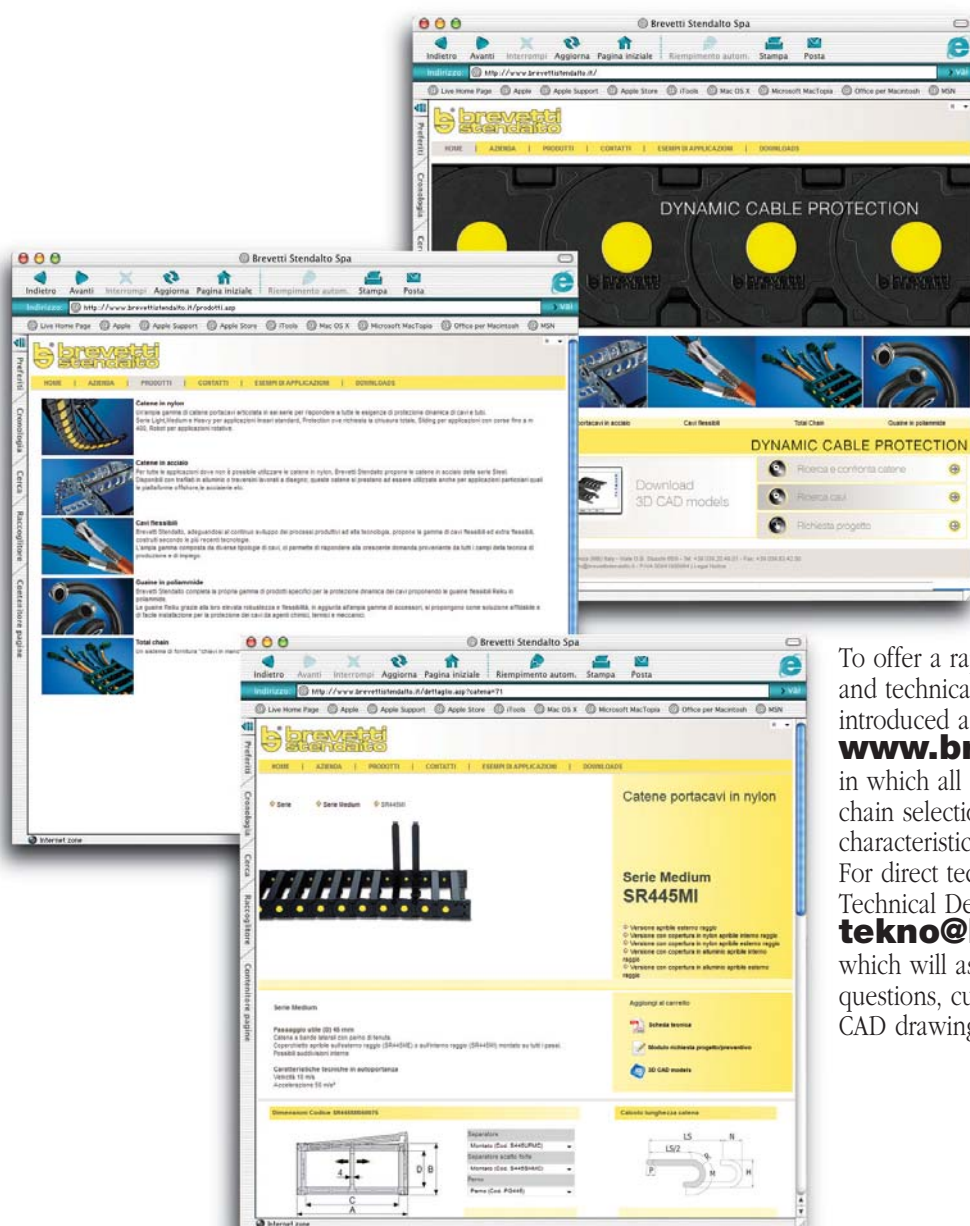
All technical needs and installation characteristic requests are carefully evaluated and verified with the support of informatics and CAD-3D projection that will solve the problems as they arrive.



Computerised stock management and control system ensures short delivery times.



Brevetti Stendalto's technical office is the reference-point for information.



To offer a rapid and always updated commercial and technical information, Brevetti Stendalto has introduced a new web-site

www.brevettistendalto.it

in which all necessary info is available for fast chain selection and easy downloads of chain characteristics.

For direct technical support, please contact our Technical Dept. at

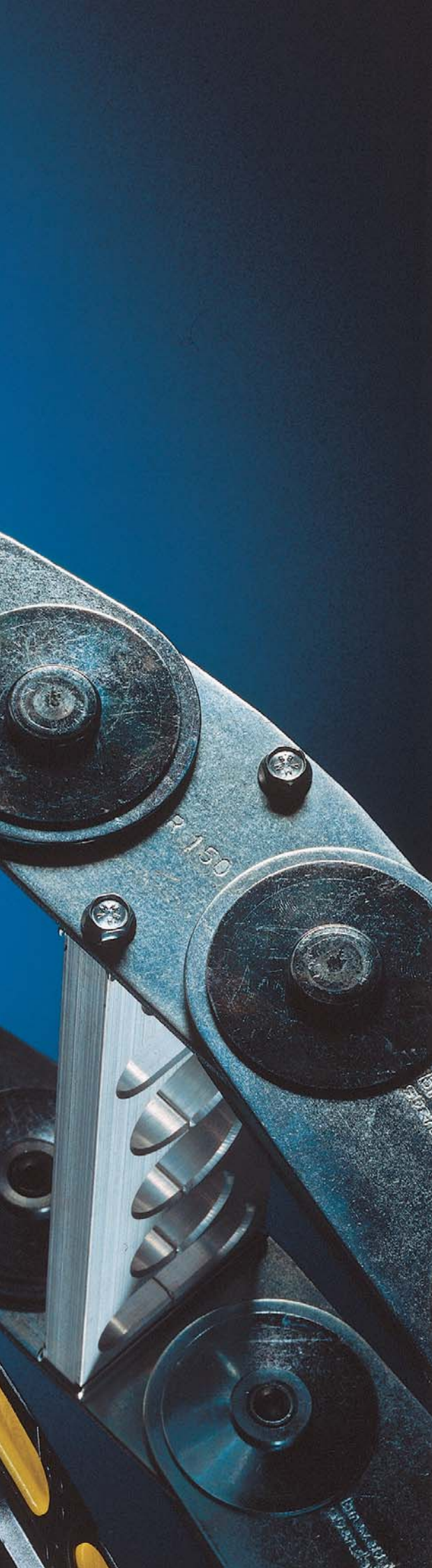
tekno@brevettistendalto.it

which will assist you with specific technical questions, customized chain solution, CAD drawings, etc.

Brevetti Stendalto is always close to customers, ensuring assistance from project analysis up to final installation and after sales support.







Technical Information

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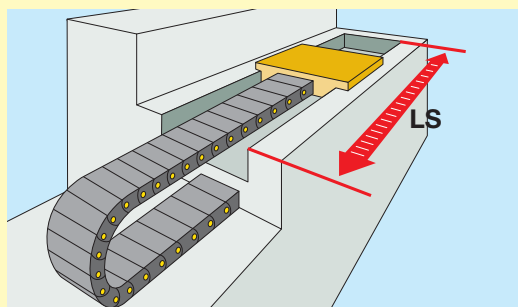
Necessary Data to Determine the Type of Cable Chain

The choice of cable chain should not only be based on a mathematical calculation of certain factors but should consider and analyse carefully all the available data. The following information will be provide a basic help in making the right decision.

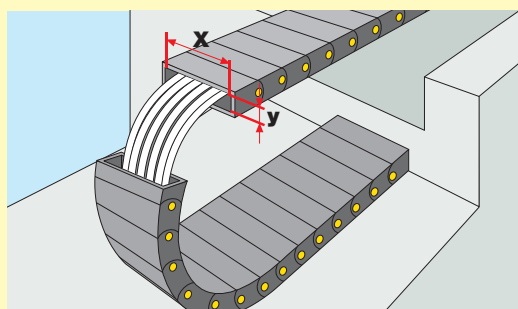
Thanks to thirty years of experience in this sector we have a highly competent technical staff which is at your disposal to help solve any problem relating to the use of cables in any kind of application.

To request a personalised project please fill out the form found on page 229. It will be a pleasure for us to find an immediate solution to your problem.

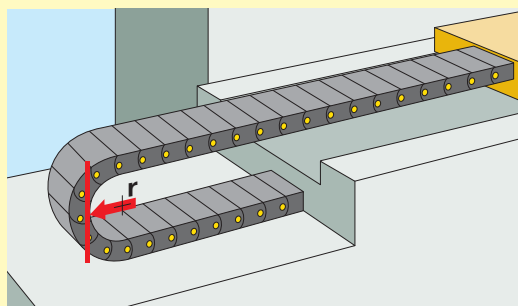
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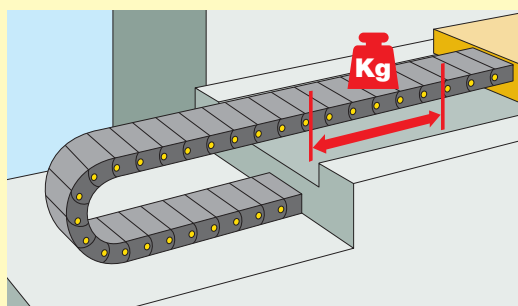
Determining the length of the travelling distance LS.



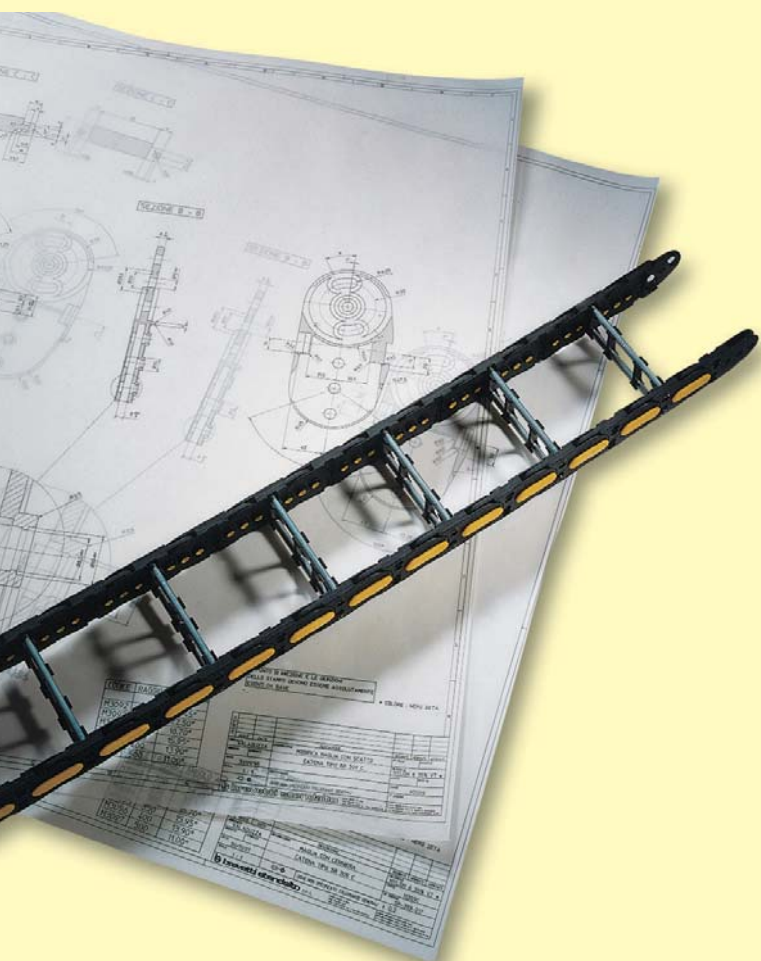
The dimensions of the cable chain in relationship to the dimensions of cables/hoses.



Determining the radius of curvature of the cable chain in relationship to the flexibility characteristics of cables/hoses.

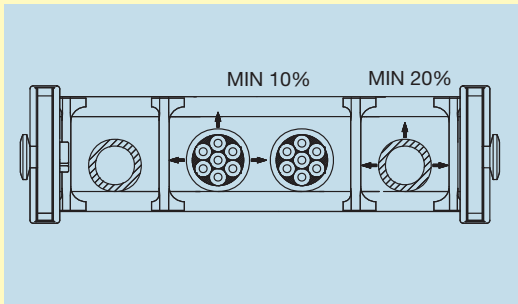


Verifying the self-supporting capacity of the cable chain in relationship to the weight per metre of cables/hoses.

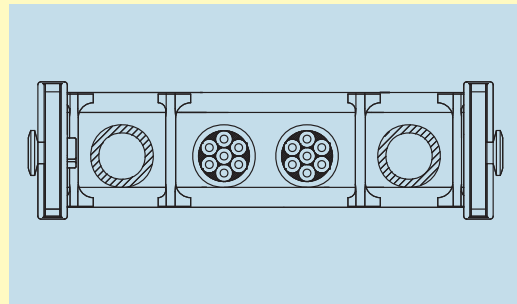


Placement of Cables/Hoses in the Cable Chains

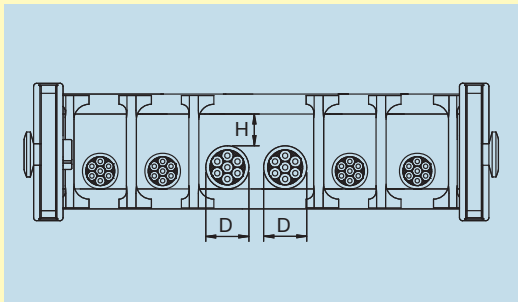
To guarantee that cable chain functions properly and to avoid any damage to the cables/hoses within, certain criteria concerning the placement must be followed:



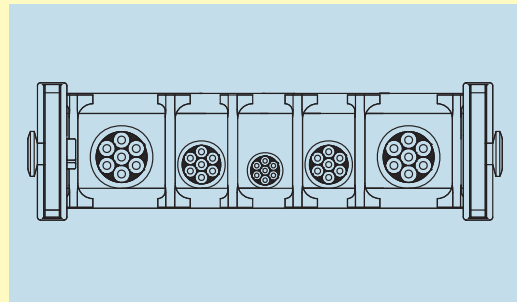
For electric cables a clearance of at least 10% between the placement of the cable and its diameter has to be guaranteed; for hydraulic hoses the clearance should be at least 20%.



Avoid placing cables/hoses that have different sheath finishes so that friction can be eliminated. (e.g. hydraulic cables and hoses).

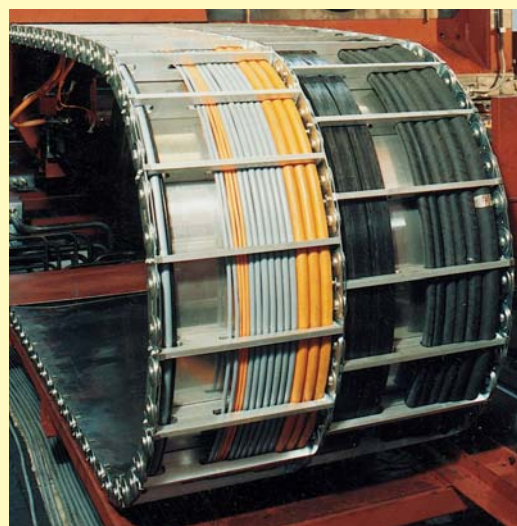


In the application of several cables/hoses it is preferable to avoid them rubbing each other by placing them singularly in the appropriate space and separating them from each other by the separators. If this is not possible, verify that the internal space does not allow the rubbing of the cables/hoses. ($H < D$).



Place cables/hoses in a symmetrical way according to their dimensions and weight placing the largest and heaviest externally and the smaller and lighter internally.

For further information on how to install cables/hoses see page 226.



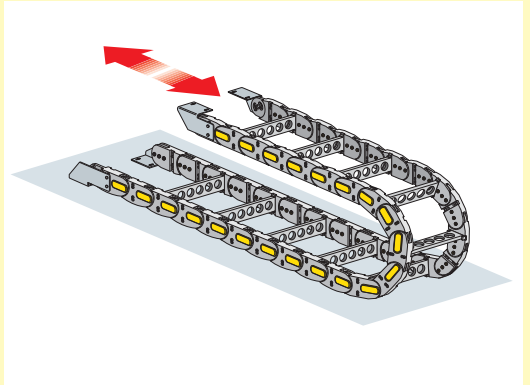
A 30 chain in steel with three bands and separations between electric cables and hydraulic hoses..

Mounting Variations

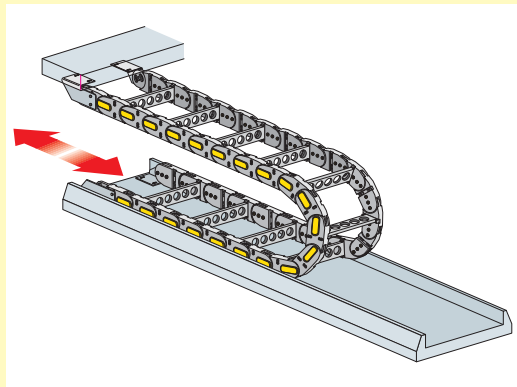
Chains Placed Horizontally

Brevetti Stendalto chains, thanks to a large range of models and versions, satisfy many requirements in variety and combination of motions. On this page the various combinations of mounting are listed.

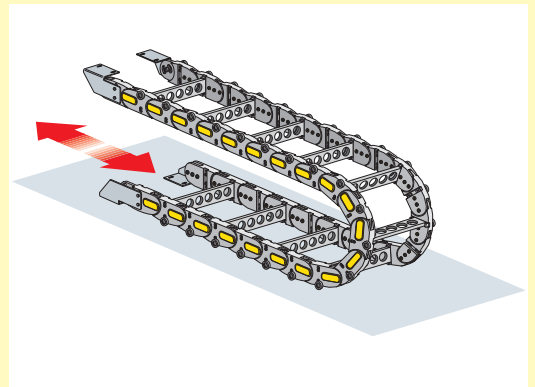
For further information about realising a personalised project please contact our technical department. They are at your disposal to resolve any specific problems you may have and can design according to your particular request.



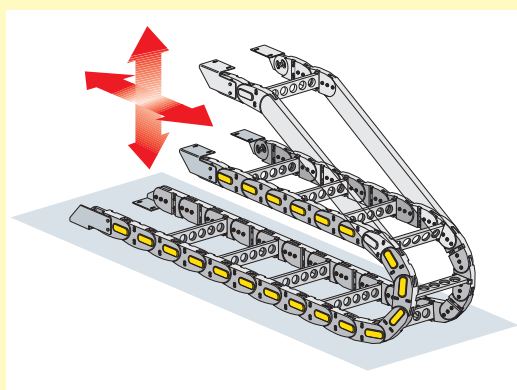
Horizontal with mobile point above.



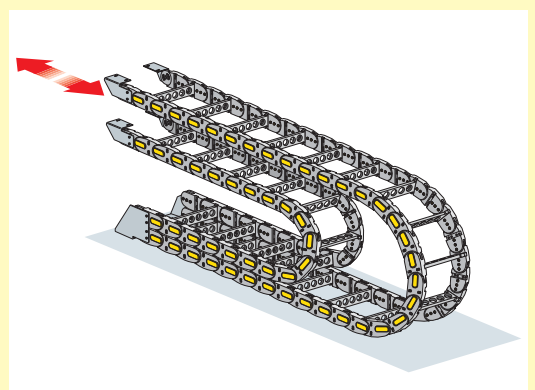
*Horizontal with mobile point below
(to the car).*



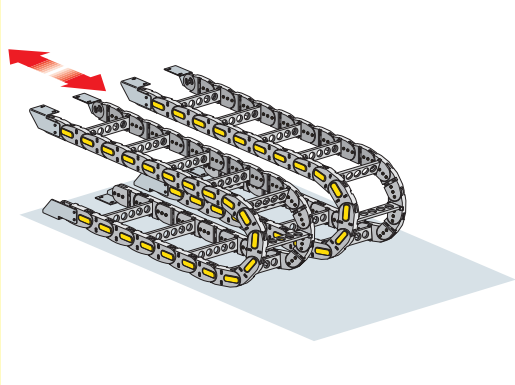
Horizontal with mobile point below.



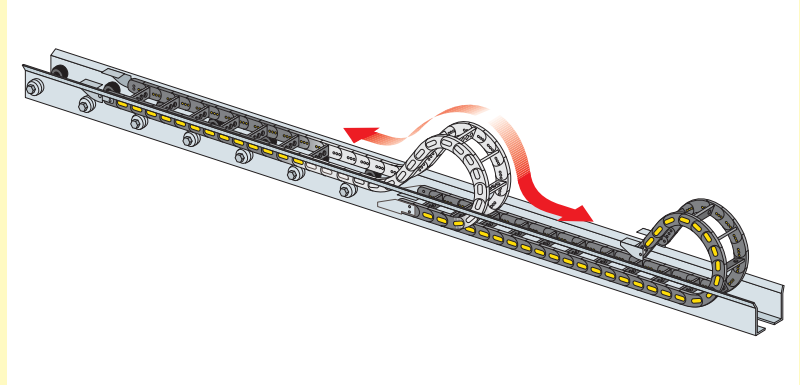
Combination of both vertical and horizontal movement.



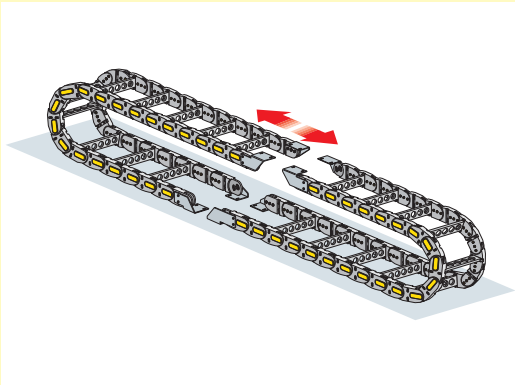
Superimposed chains.



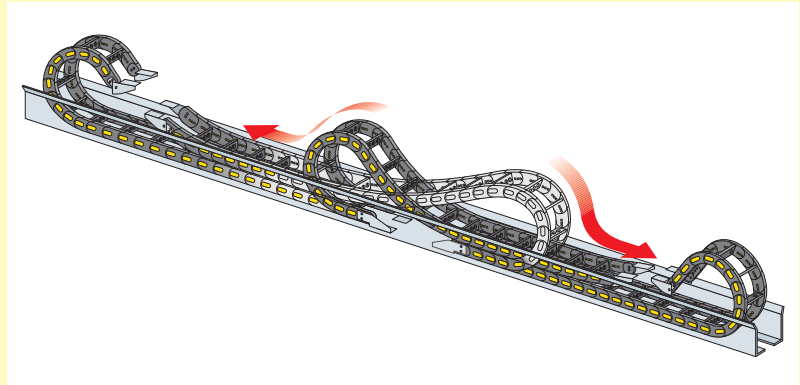
Chains positioned in parallel.



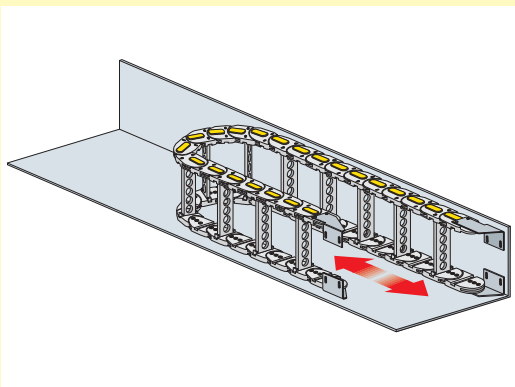
*Long horizontal - 1 chain
(see page 22).*



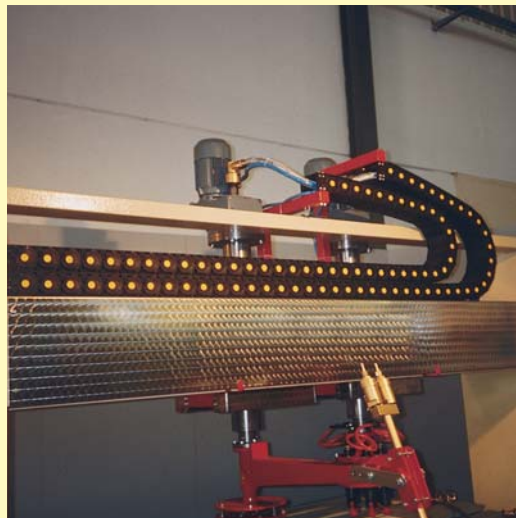
Chain making a ring configuration.



*Long horizontal - 2 chains
(see page 22).*



*Horizontal with chain mounted on its side
(see page 21).*



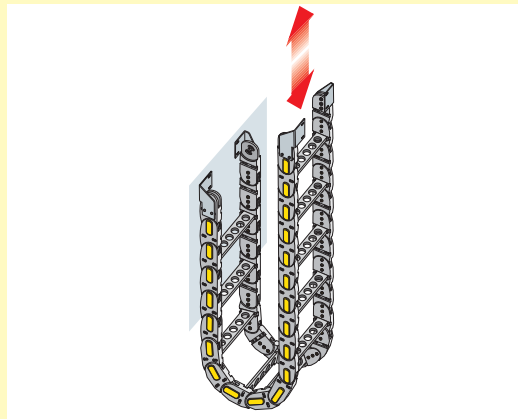
*Model 700
chains in nylon
superimposed on a machine
which works with marble.*

Mounting Variations

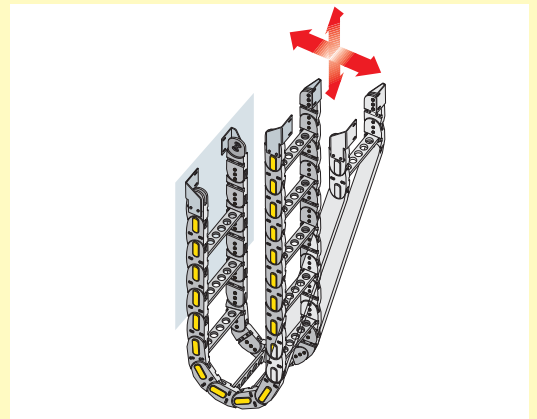
Chains Placed Vertically

Brevetti Stendalto chains also provide answers to problems concerning vertical motion. Thanks to their particular design Brevetti Stendalto cable chains can also be used in applications with extremely long travel distances.

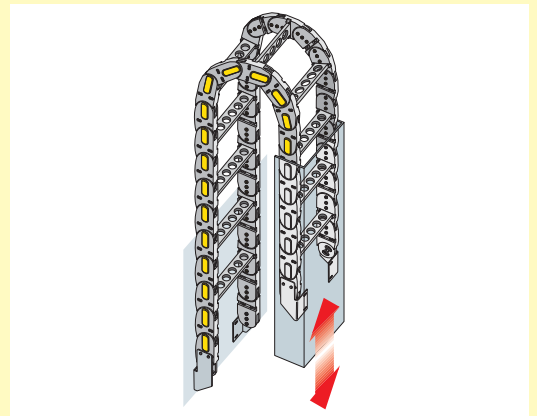
2



Vertical with curve below
(see page 20).



Combination of both vertical and horizontal movement.



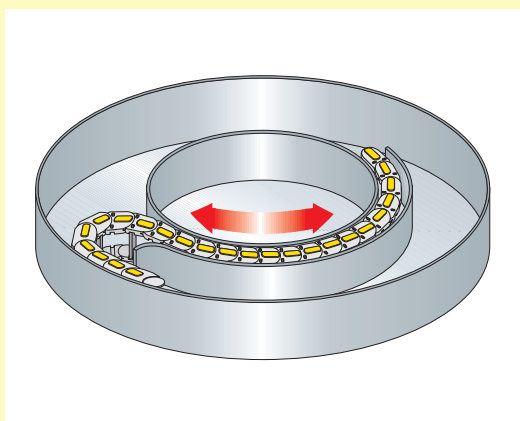
Vertical with curve above
(see page 20).



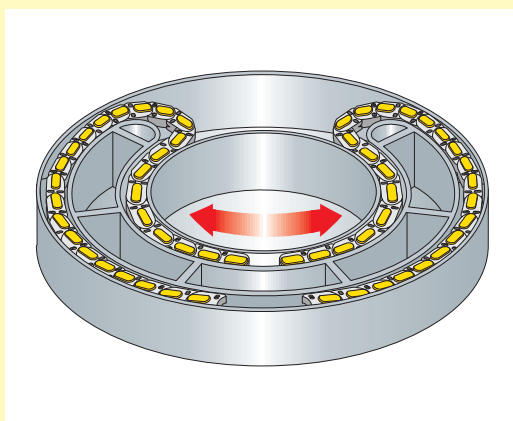
355 vertical with curve below
nylon chain on machine tool.

Chains with Circular Motion

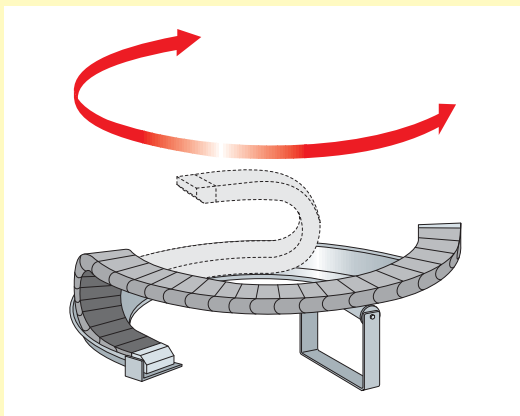
The problems regarding circular motion are easily resolved with the chains from the ROBOT series, an exclusive Brevetti Stendalto product. It is also possible to use the chains in counter-rotation configuration by mounting them on their side.



Chain for circular movement - 1 chain
(see page 26).



Chain for circular movement - 2 chains
(see page 26).



ROBOT type chain for circular motion.
(see page 28).



Robot for welding with chains
in nylon.

Self-Supporting Capacity

A fundamental element in cable chains is the pre-set Z (Fig. A).

This determines the self-supporting capacity, a characteristic which allows the cable chain to support not only its own weight, but also the weight of the cables/hoses placed in it and to keep its parallel or slightly curved upward position (Fig. B).

The diagram of self-supporting capacity (Fig. C), indicates the weight relation of cables/hoses per linear meter to the lengths of self-supporting chain travel. The red-area indicates the difference between min/max chain widths, while the widest version has the lowest self-support capacity. With the application of cable chains with $\frac{LS}{2}$ and weights not included in the area of the diagram of self-supporting capacity, it's

necessary to use the appropriate support rollers (see page 30), in order to confirm chain reliability in exceptional applications.

All the H-heights reported into this catalogue are not including any Z-value due to the preload, therefore, whenever limitations to the maximum allowable height are required, you should refer to Brevetti Stendalto's Technical Dptm.

Brevetti Stendalto chains, thanks to their specific construction, reach remarkably high values of self-supporting capacity and acceleration with long periods of motion, reaching millions of cycles.

For particular applications (e.g. vertical travel), the chains can be provided without pre-set.

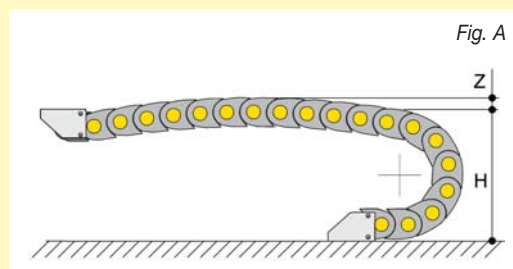


Fig. A

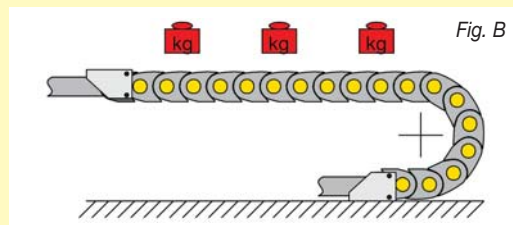


Fig. B

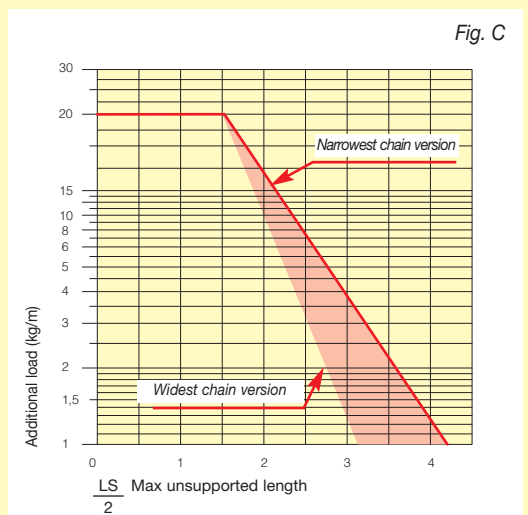


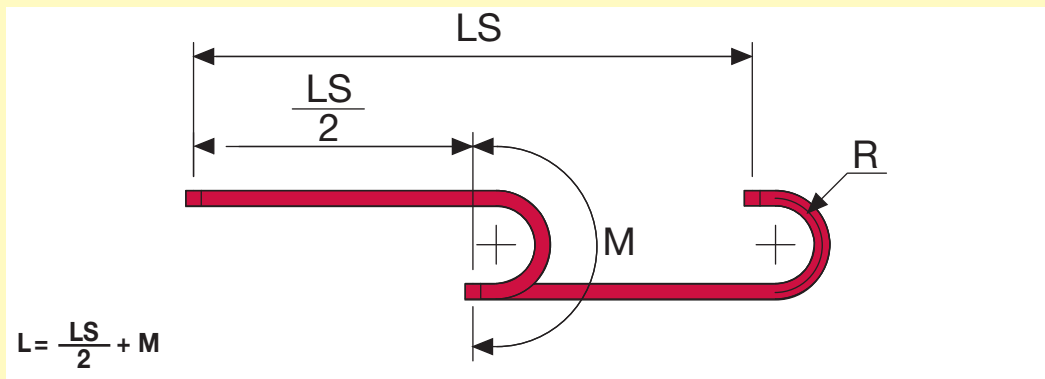
Fig. C



Nylon chain, type 310, in a self-supporting state.

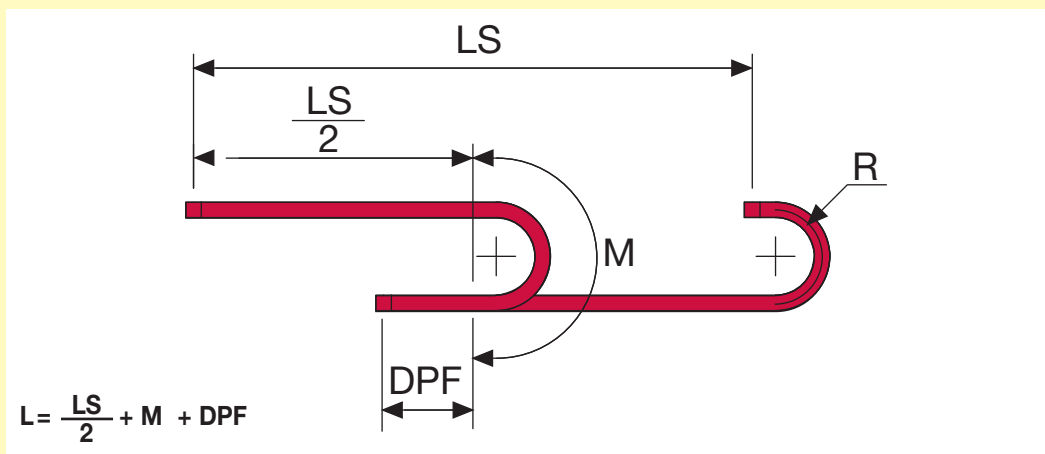
Determining the Chain length

Fixed point at the centre of total travel.



The chain length (**L**) is calculated by summarising the half stroke $\frac{LS}{2}$ to the nominal value (**M**) of the bending radius.
The value is then rounded up the multiply of the chain's pitch for nylon cable chains and to an odd multiply for steel chains.

Fixed point not positioned at the centre of total travel.



The chain length (**L**) is calculated by summarising the half stroke $\frac{LS}{2}$ to the nominal value (**M**) of the bending radius and the distance (**DPF**) from fixed point to centre of total stroke.
The value is then rounded up the multiply of the chain's pitch for nylon cable chains and to an odd multiply for steel chains.

Where:

L = Length of chain

$\frac{LS}{2}$ = Half travel distance

M = Length of curve $(\pi \times R) + (2 \times P)$

DPF = Distance from fixed point to centre of total stroke

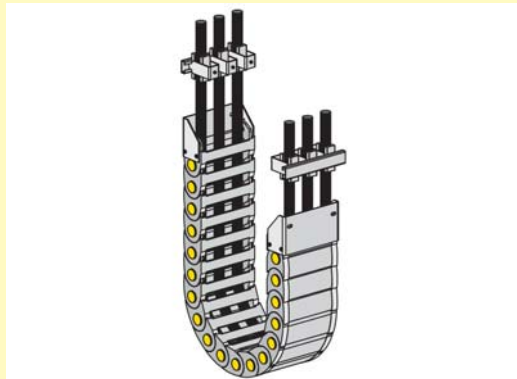
P = Pitch

Going Further

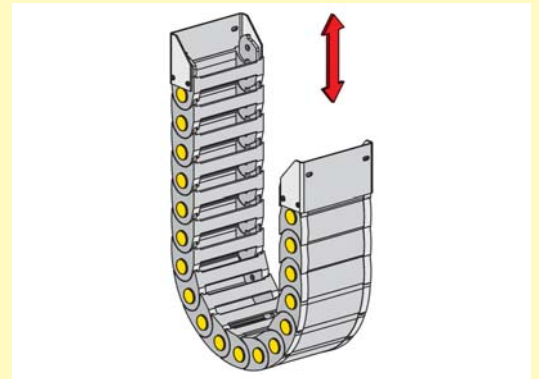
Vertical Applications

The problems related to vertical applications are solved by using Brevetti Stendalto cable chains. It is however necessary to respect the following:

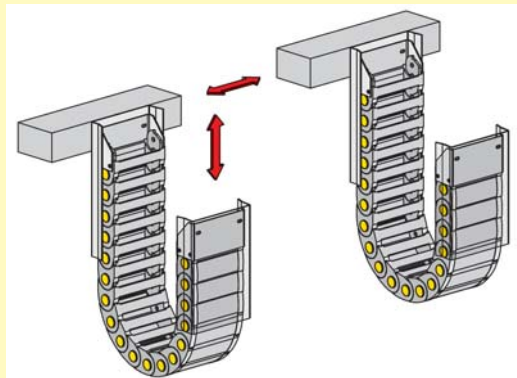
The use of standard cable chains for vertical applications could result in difficulties due to the pre-set. we therefore recommend to specify: “without pre-set for vertical applications” when ordering. By doing this the cable chain will be delivered to you without pre-set.



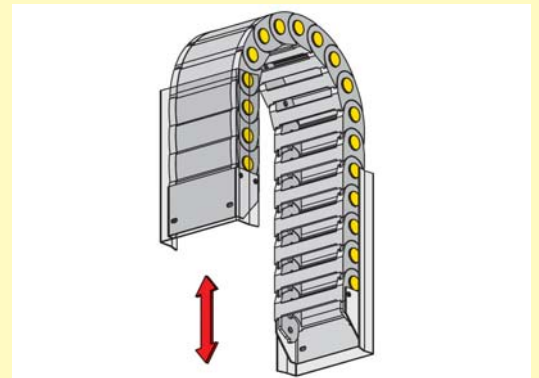
The placement of the cable/hoses is very important to ensure the application works properly. Cables/hoses have to be fixed at both ends using the appropriate accessories so as not to make their weight disturb the cable chain. In this type of application the cable chain should only guide the cables/hoses during their movement.



If the application only concerns one vertical movement the cable chain does not need any particular support.



If the cable chain also moves across and/or longitudinally, certain measures have to be taken laterally. For special applications, frames with completely closed guiding systems are available.



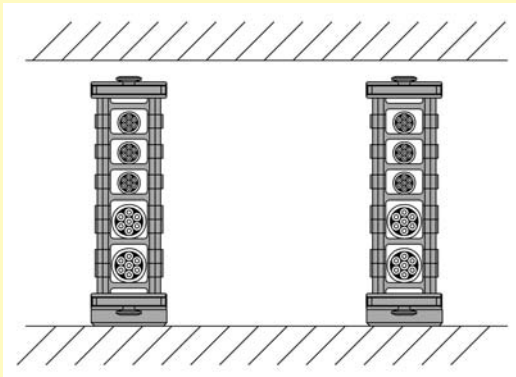
When applying the cable chain in this way some support is needed to avoid the chain to unbalance itself outwardly. Generally the cable chain must be supported both on the fixed and mobile points.



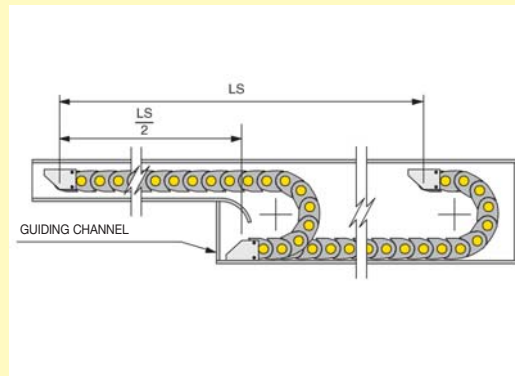
Going Further

Horizontal Applications on Their Sides

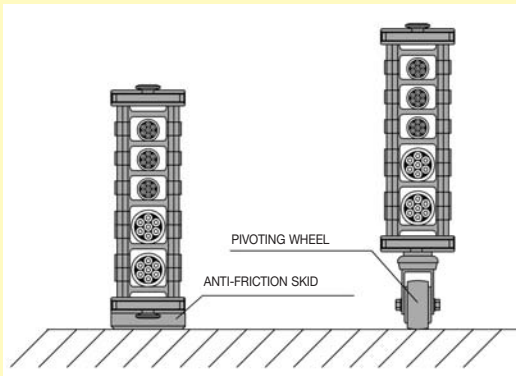
Brevetti Stendalto cable chains can be mounted on their sides.



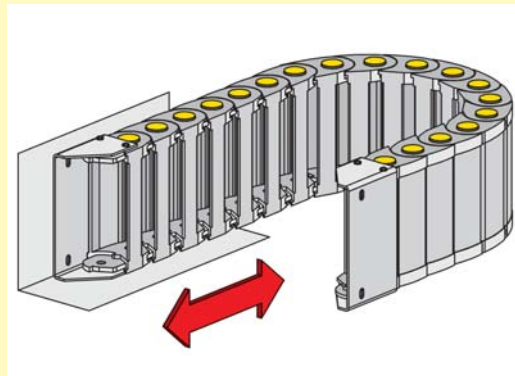
This kind of mounting becomes necessary when there is a limited space upwards and mounting the chain normally would take up too much space.



For particularly long applications a guiding channel can be designed.



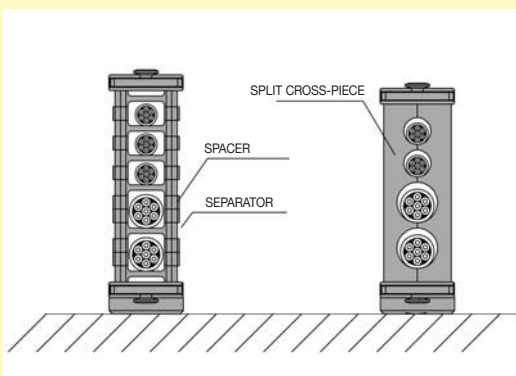
To make the movement easier and to reduce any friction on the cable chain, special changeable anti-friction skids or pivoting wheels have been designed.



If there is no possibility for a plane to support the cable chain during its movement, Brevetti Stendalto chains can be applied without support taking into consideration the following factors:

- total travel distance LS
- added weight
- velocity and acceleration
- frequency of usage

For this kind of application, it is recommended to discuss with our technical office.



Particular attention should be drawn to determine the section of the cable chain, in fact, the mounting on its side of the chain means that cables/hoses have a tendency of bunching towards the ground and being squashed.

To avoid this, there are special spacers which are positioned between the separators or otherwise special split aluminium or PVC cross pieces to be applied.

Going Further

Long Horizontal Travel Distance

Cable chains are used more frequently on long travel distances as a valid alternative to the traditional systems of conductor bars or to festoon systems, and offer the following advantages:

- The possibility of the combined transportation of hydraulic cables/tubes.
- The possibility of use also in critical environments (humidity, textile dust, negative chemical and atmospheric components etc.).
- High velocities and values of acceleration.
- Notably shorter installation times.
- Drastic reduction in the time taken for maintenance.

Sliding series is the integrated sliding skid which permit the chains to slide on themselves reducing the friction due to the special polymers used.

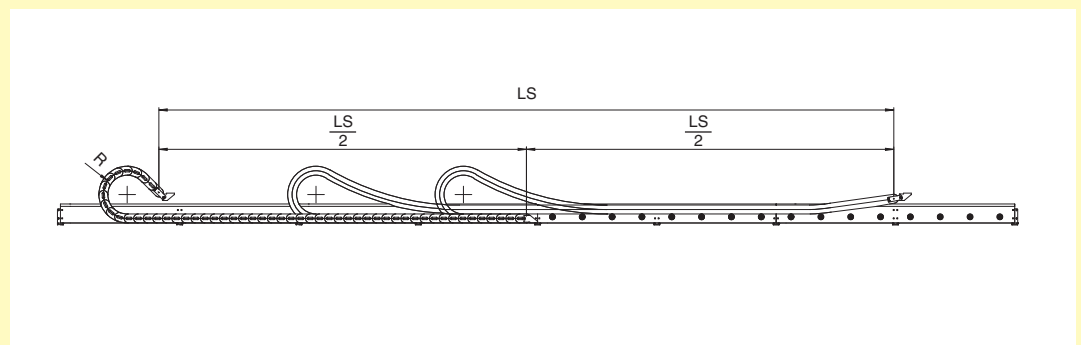
The dimensions of the skid allow the chain to keep itself stable in applications with high velocities.

On request it's possible to produce cable chains with special polyamides for applying in particularly aggressive environments.

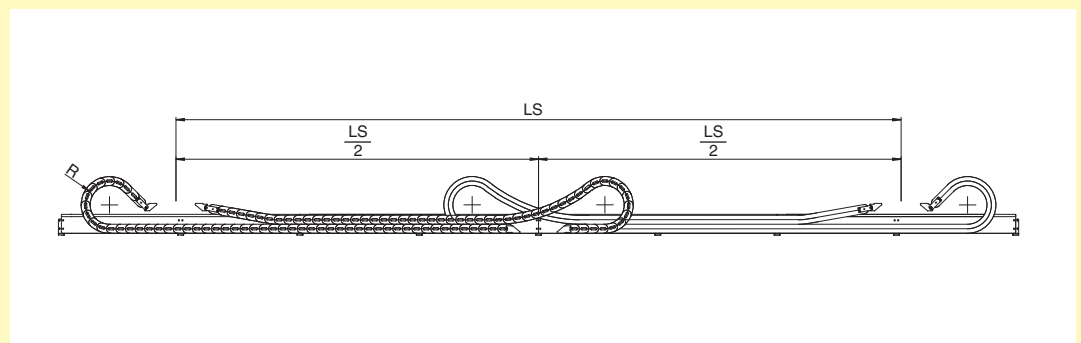
The triple pins guarantee more reliability and strength even in applications with the added weight being very high. The chains in the Sliding series have been tested using torsion, wear and tear tests passing the tensile yield stress with extremely good results, above high normal values (e.g. 318 21000 N).

The special aspect of the cable chains in the

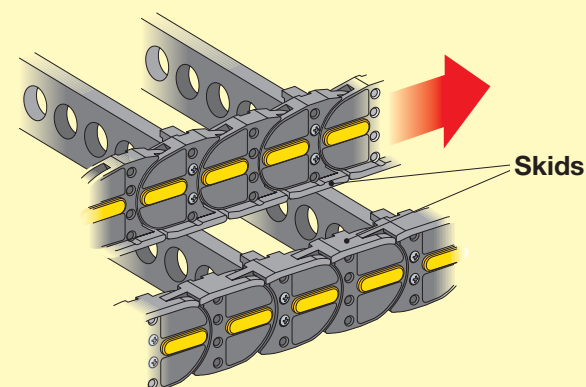
In these applications, the chain without self-supporting capacity, slides in it's own guiding channels. For the first half of the travel distance the chain slides on itself, whilst in the second half it is supported by it's own rollers or plates for sliding.



In double chain applications, the chains slide on themselves in both directions.



A particular of the skid in the sliding of the chains in the Sliding series.





318 type chain.



318 type chain.

Going Further

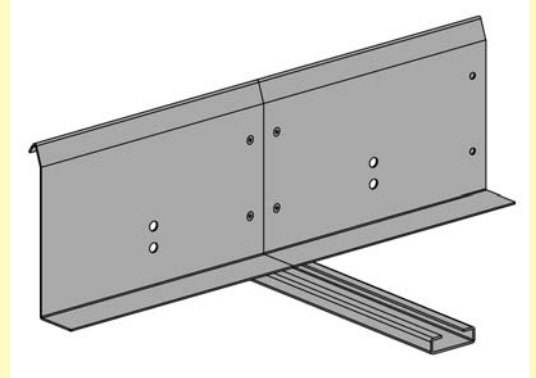
Guide Channels for Sliding

For good results when using cable chain in an application with a long travelling distance it is necessary to respect the following instructions when installing the guide channel for sliding:

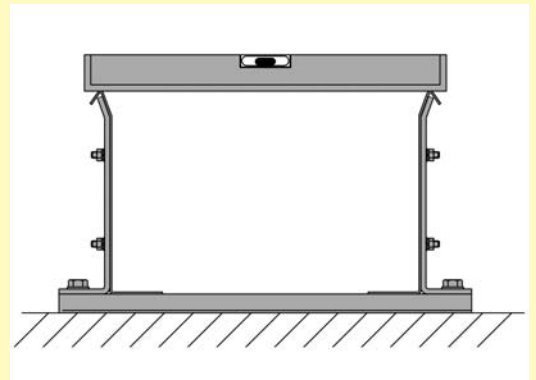
2



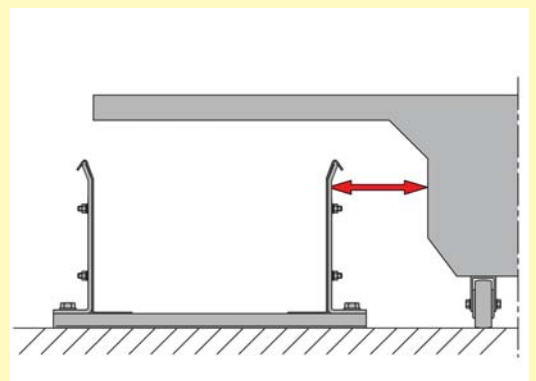
Guide channel for chains of the Sliding series.



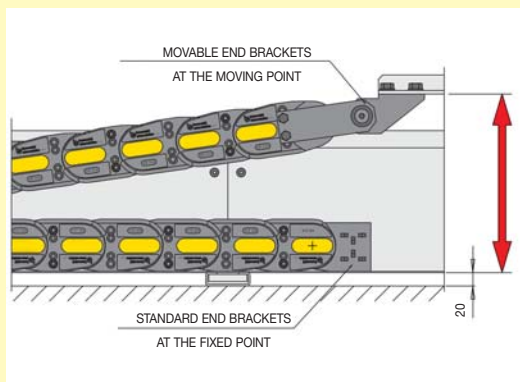
Verify that the sides are aligned properly to avoid any internal edges in the guide channel which could disturb the cable chain's route.



Verify that the plane on which the guide channel for sliding is mounted is perfectly aligned and smooth.



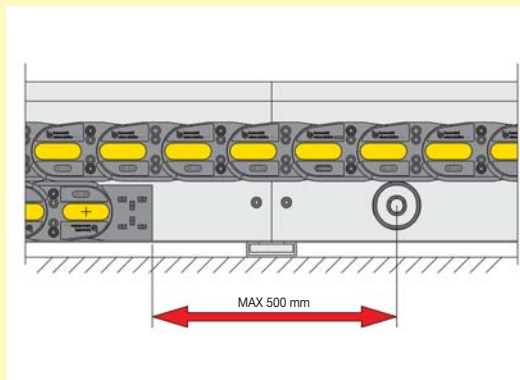
Verify that the distance between the guide channel for sliding and the towing arm is the same for the whole travelling distance.



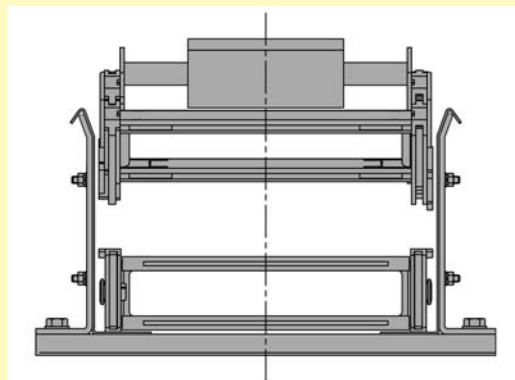
Install the cable chain with the standard end brackets at the fixed point and with the movable end brackets at the moving point respecting the height listed in the catalogue.

How to Install the Cable Chains in the Guide Channel

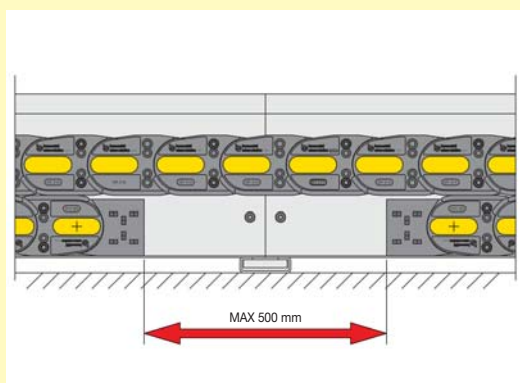
For a perfect installation of the cable chain in the guide channel you should take the following steps::



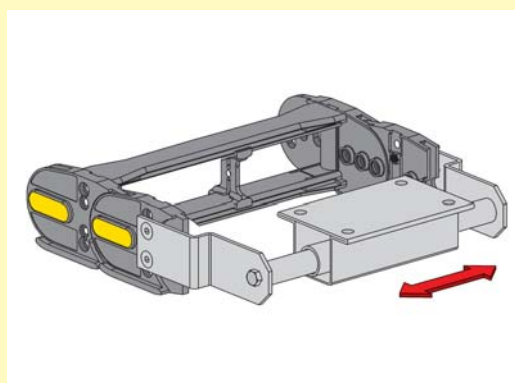
Reduce as much as possible the distance between the fixed point of the cable chain and the starting point of the rollers or sliding plane.



Install the mobile point of the cable chain aligning it exactly to the longitudinal travel distance in such a way so that during its movement it does not touch the internal part of the guide channel (Fig. A).



In the case of a double chain application ensure that the distance between the two fixed points doesn't exceed 500mm.



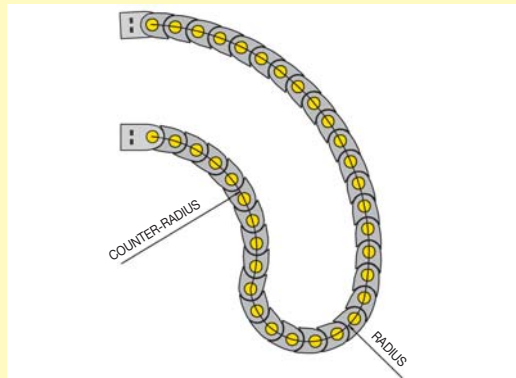
To facilitate this operation Brevetti Stendalto has developed and created a special movable end bracket which guarantees a perfect alignment between the chain and the towing arm (Fig. B).

Going Further

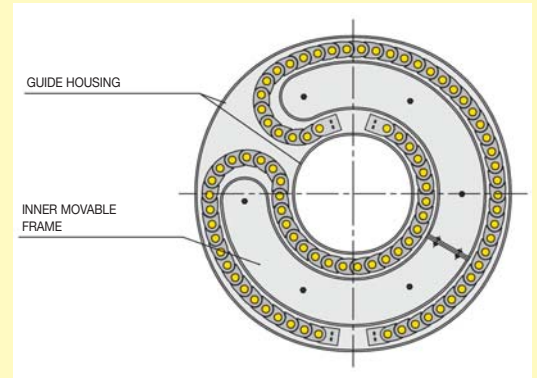
Rotating Horizontally

For certain applications it necessary that the cable chains perform an opposite movement from that determined by the radius of the curvature (counter-radius chains). All Brevetti Stendalto chains, except those from the

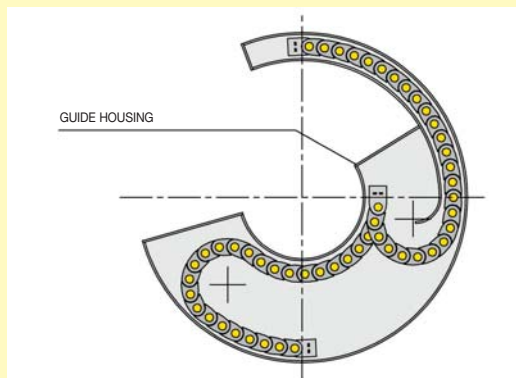
PROTECTION series, can be supplied with this counter-radius. Generally the chains with counter-radius are used to resolve the problems relative to rotations where, in this case, it would not be possible to use cable chains from the ROBOT series.



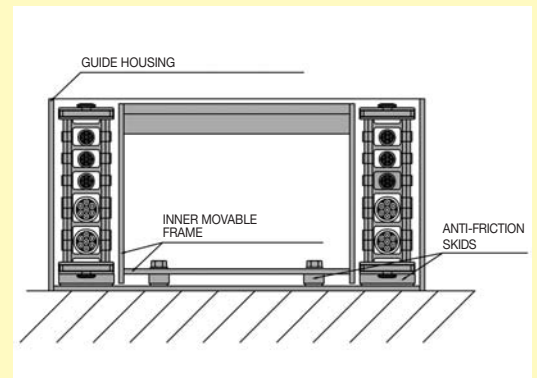
With the use of counter-radius chains it is possible to create rotations both on small and large equipment (e.g. parabolic antennas, rotating tables, cranes, telescopes).



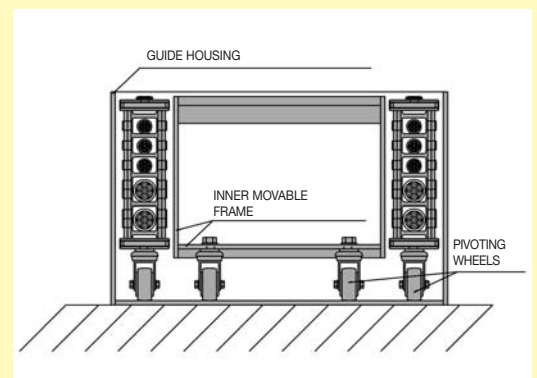
For applications with rotations over 180° it is necessary to use two cable chains. For a correct usage they should be guided both internally and externally. A special inner movable frame, mounted on anti-friction skids or pivoting wheels in combination to the guide housing guarantees the rotation.



For applications with rotations up to 180° it is possible to use only one cable chain. For a correct usage it should be installed with a guide housing.



To facilitate the sliding and reduce the friction of the cable chain, special changeable skids or pivoting wheels are taken into account. With this kind of application it is also possible to rotate vertically. Seen the particular aspects of these applications we advise you to contact and consult our technical office.



Application of Horizontally Rotating Chains

Chains can reach a maximum rotation of 540° .
For a correct usage they should be guided both internally and externally.



*Application with 2 superimposed chains.
Rotation 180°*



*Application with 2 chains.
Rotation 370°*

Rotation with ROBOT Type Chains

In its continuous technological evolution, Brevetti Stendalto has revolutionised since 1989 the concept of circular chains introducing the chains from the "ROBOT" series that, due to the particular construction of the links, permit them to rotate up to 540°.

The chains from the "ROBOT" series, like all Brevetti Stendalto chains, can be modified for work in special applications.

When the use of one cable chain is not sufficient to contain all the cables/hoses it's possible to use several chains in the same application to increase the space to hold them.

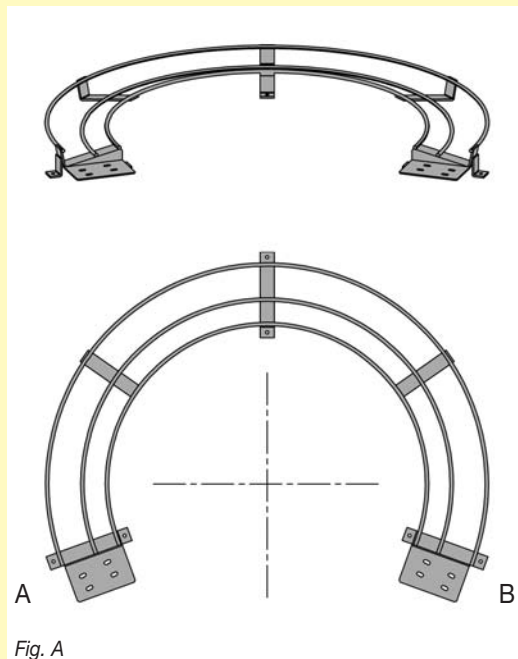


Fig. A

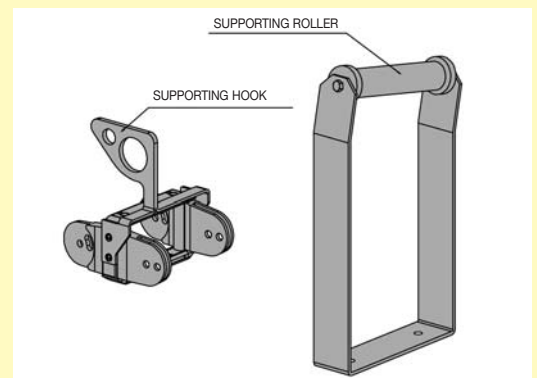
The stability of the chains permits rotations at higher velocities without the need for guiding supports. Only the base on which the cable leans has to have a configuration inclined to make its own travel distance easier. Appropriate support guides are available if it is not possible to take them directly from the machine.

Supporting Hook

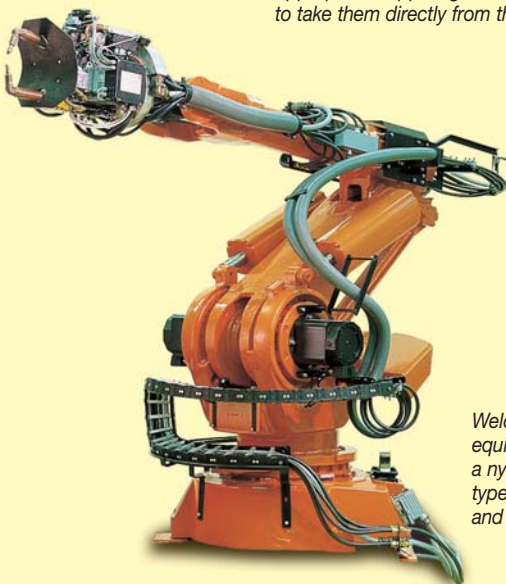
This must be selected according to the method of chain fixation.

-Left type with left fixed point chain (A)

-Right type with right fixed point chain (B)



The chains from the "ROBOT" series are self-supporting and they do not need any support up to 200°. For applications with rotations exceeding that value it is necessary to use its own appropriate accessories. To reduce the problems of taking up too much space which generally is the case with the supports, especially on robots, Brevetti Stendalto has developed a series of supports which are capable of solving the problem.



Welding robot equipped with a nylon cable chain type 510 and guide support.

Applications with Robot Series Chains

Using support rollers or support hooks, chains can reach a maximum rotation of 540°.

2



Support rollers view.



Support hooks view.

Going Further

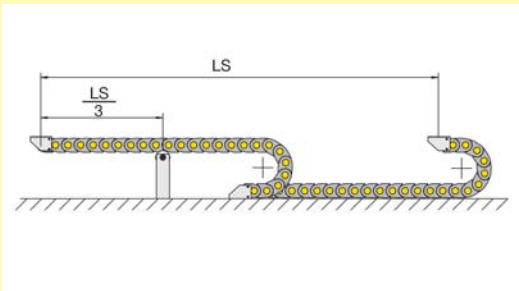
2

Support Roller Units

For applications of cable chains with $\frac{LS}{2}$ and weights not included in the area of the diagram of self-supporting capacity it is

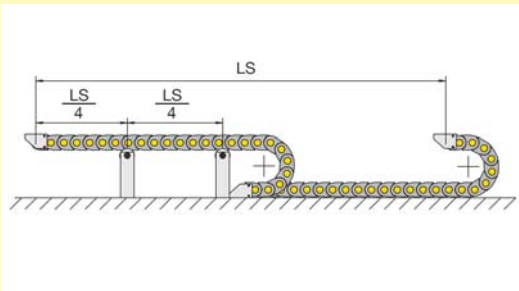
necessary to use the appropriate support rollers.
To decide on the number of support rollers needed, note the following:

One Support Roller when:



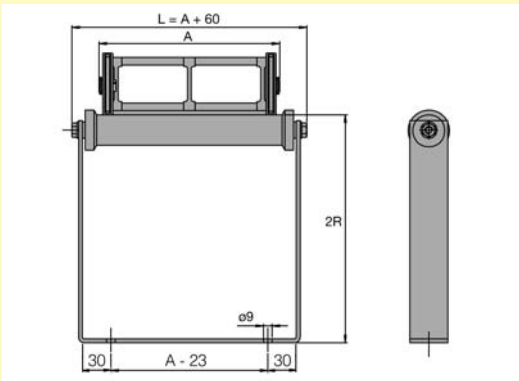
The length $\frac{LS}{3}$ is included in the values of the diagram showing self-supporting capacity.

Two Support Rollers when:

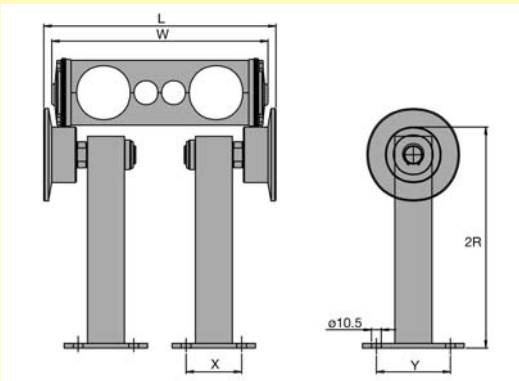


The length $\frac{LS}{4}$ is included in the values of the diagram showing self-supporting capacity.

Support Roller for Nylon Chains



Support Roller for Steel Chains



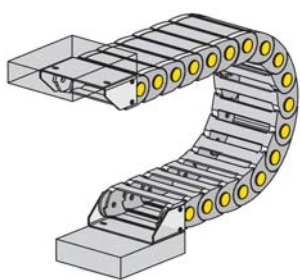
Chain Type	X	Y	L
20	70	100	W+22
30	70	100	W+22
35	70	100	W+26
40	70	100	W+26
45	130	180	W+26

Ways of Mounting End Brackets

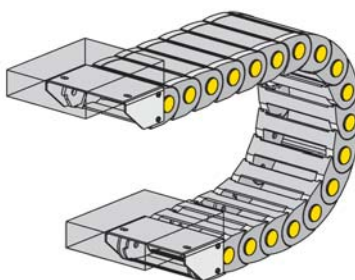
The end brackets make the installation of the chains possible. They are available both in nylon and in steel. The end brackets in nylon, due to their particular construction with holes for mounting on three sides, allow the chain to be installed in the four positions seen below. For the end bracket in steel instead it is necessary to specify the position of mounting. If this is not specified it will be supplied in Pos.1.

Our technical office is at your disposal to solve any installation query.

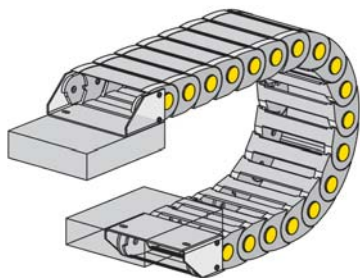
Pos. 1



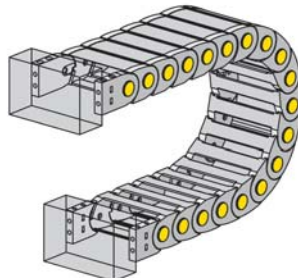
Pos. 2



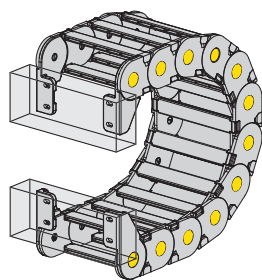
Pos. 3



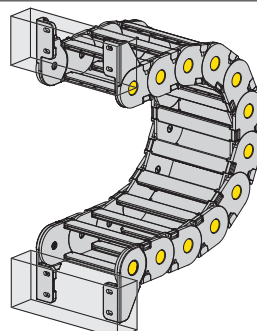
Pos. 4



Pos. 5



Pos. 6

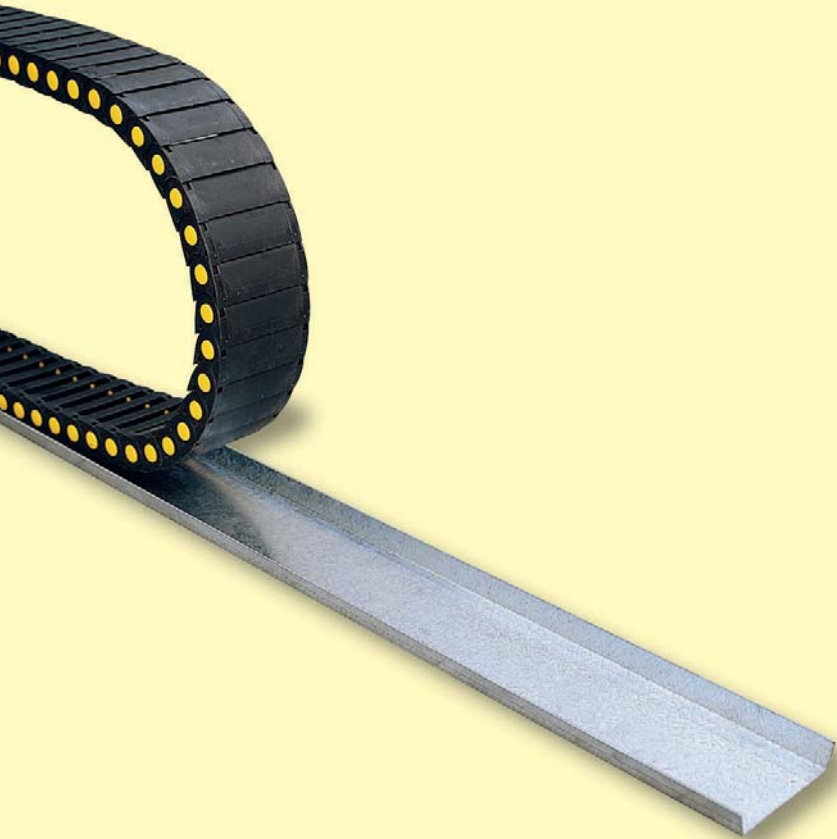
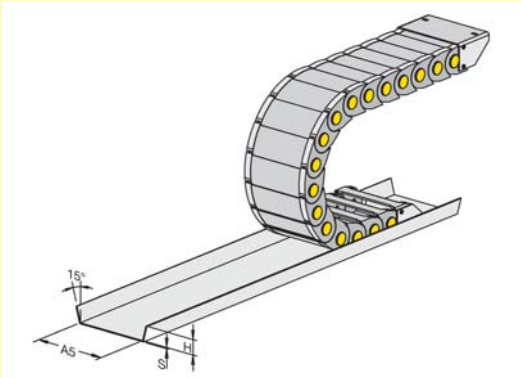


Going Further

2

Guide Channel

For a correct functioning of the cable chain it is necessary that during it's movement it lies on a flat surface. If these conditions do not exist a guide channel is necessary.



Chain type	A5 mm	H mm	S mm
200...	A+2	10	1,5
250...	A+2	10	1,5
30090-30091	A+2	15	1,5
325LI/LE...	A+2	25	1,5
325L... / 325PI...	A+2	25	1,5
335...	A+2	30	1,5
339...	A+2	30	1,5
300A...	A+2	15	1,5
300...	A+2	15	1,5
305A...	A+2	20	1,5
305...	A+2	20	1,5
355A...	A+2	25	1,5
355...	A+2	25	1,5
400...	A+2	25	1,5
435...	A+2	30	1,5
445...	A+2	30	1,5
660A...	A+2	30	1,5
770A...	A+2	30	1,5
475...	A+2	50	1,5
306...	A+2	30	1,5
307...	A+2	30	1,5
308...	A+2	40	1,5
309...	A+2	50	1,5
310T...	A+2	80	1,5
660...	A+2	30	1,5
770...	A+2	30	1,5
20...	W+2	30	1,5
30...	W+2	40	1,5
35...	W+2	50	
40...*			
45...*			

**Seen the particular aspects of these chains we advise consultation with our technical office.*

The guide channel is delivered in laminar zinc in pieces of 2000 mm. It is available on request in stainless steel.

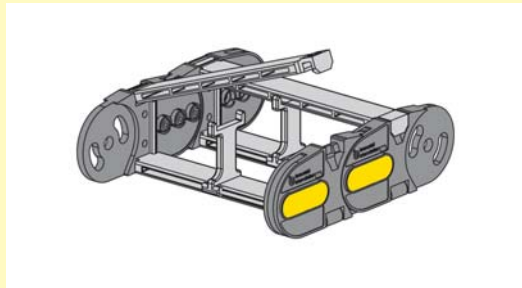
Guide channel for chain type 355.

Split Cross Pieces Heavy/Sliding Series

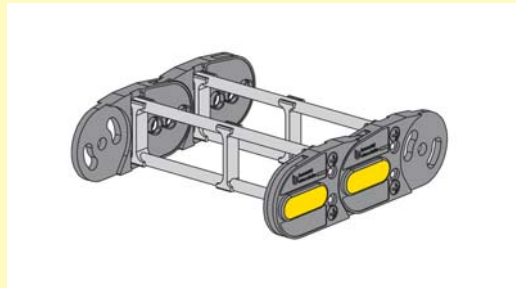
The chains from the Heavy and Sliding series are developed with two side-bands of chain connected with split cross pieces that can be

chosen between a wide number of styles to suit most various requests.

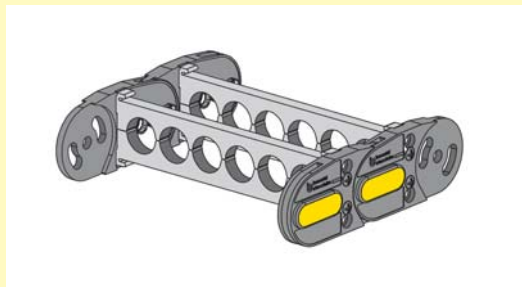
Standard Versions:



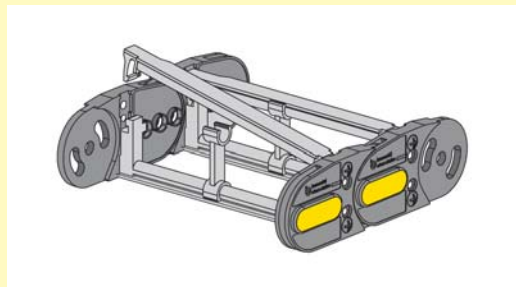
The new nylon split cross piece can open by an easy to open hinge, offering a security.



Aluminium rods screwed at the links. Maximum strength in every application. Possibilities in customising it's width. A separation of cables system.

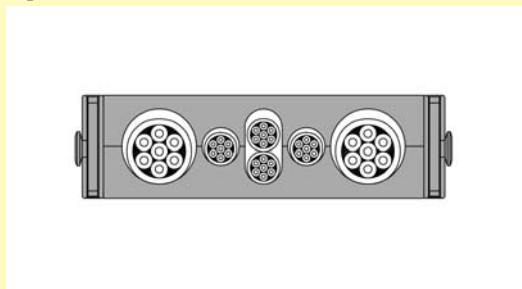


Nylon split cross pieces with holes. Many possibilities of choice between the standard models or special version on request.

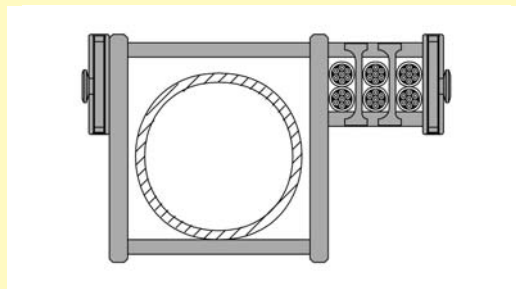


Nylon split cross pieces which open by a zip, to facilitate the operations of positioning the cables internally in the chain.

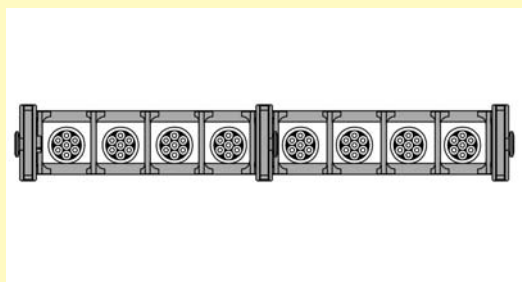
Special Versions:



Split cross pieces made on request. The ideal solution in the case of numerous cables with limited amount of space.



Larger split cross pieces. For the transportation of hoses of notable dimensions.



Multiple side-band chains. If it was necessary to increase the self-supporting capacity and the stability when having a large number of cables.

Materials Used

The Brevetti Stendalto cable chains in nylon are developed with a special polyamide reinforced with glass fibre, BRYLON 6. The high resistance to tension, the low coefficient of friction together with the general characteristics of the most evolved compound thermoplastics, allow the cable chains to be used in all environments and temperatures. The main characteristics of BRYLON 6 are:

Self-Extinguishing

Brylon 6 has the certificate UL94HB. On request the use of the polyamide V0 or V2 can be used. The resistance at eventual sparks is good.

UV Rays

Brylon 6 is resistant to UV rays and it's therefore suitable for external applications.

Chemical Resistance

Brylon 6 is generally resistant to oils, grease, petrol, ammonia and water (sea water). Problems could arise with the presence of acids. (See the detailed table showing resistance to various chemical agents).

The Colouring.

The standard colouring of the Brevetti Stendalto cable chains is to have the links in black and the pins in yellow.

This combination, apart from being eye-catching represents a further security measure, the chain

Working Temperature

Brevetti Stendalto cable chains made of polymers can be used in application with a temperature range between -25° $+125^{\circ}$. In case of application with "continuous" temperature lower than -15° and higher than $+95^{\circ}$, the mechanical values could be reduced. In both the cases Brevetti Stendalto is able to offer solutions using special compounds; please consult us. On request it is possible to create and develop cable chains using special polyamides to be used in the following applications:

Ex-Proof

Cable chains complying with ATEX Directive 94/9/CE. Nylon cable chains, to be used in explosion high-risk environments, can be supplied made of the special material BRYLON AD. For further information please refer to Brevetti Stendalto's Technical Office.



Clean room-proof

To be used in clean rooms. The standard version of the cable chain 305A009 has been tested and proved to be Class 1. For further information you may require the proper documentation to our technical department.



Colour* options.

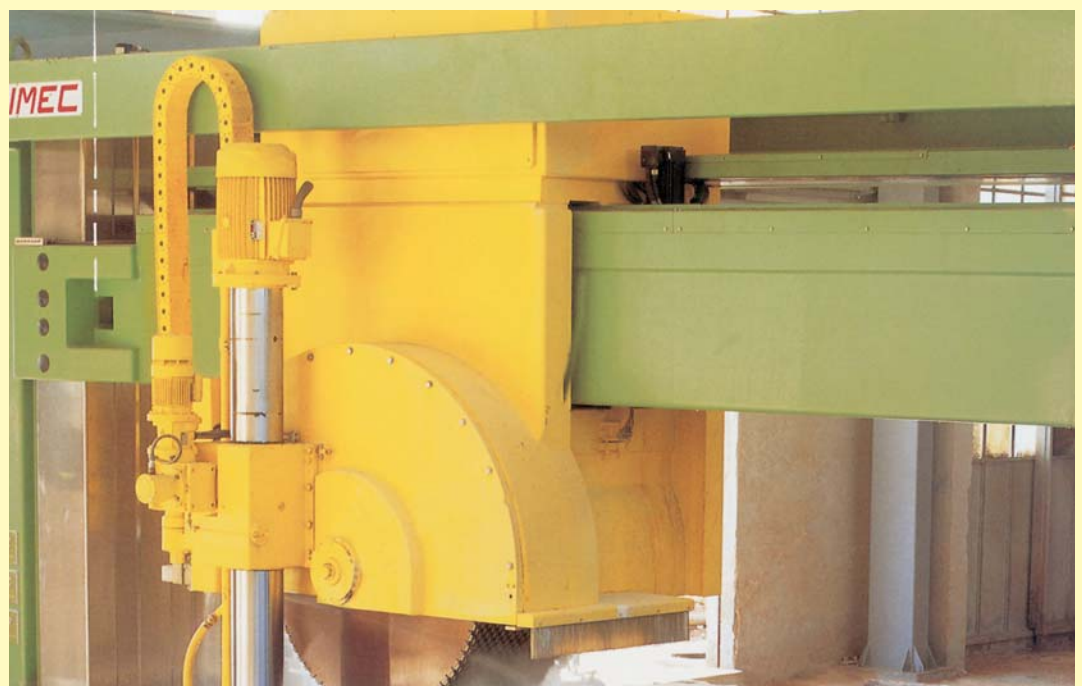
Links

standard colour: black
colours by request: yellow,
red, blue, green, grey.

Pins

standard colour: yellow
colours by request: black,
red, blue, green.

700 yellow nylon chain with
the pins in black.



BRYLON 6 Technical Data

Norms	Properties	Units	Typical values	
			Dry	Conditioned
Thermal properties				
DSC	Melting point (10° C/min.)	°C	222	
ASTM - D 696	Coefficient of linear thermal expansion	X10 ⁻⁶ K ⁻¹	28	
ASTM D 648	Heat distortion temperature	°C		
ISO 75	1.82 N/mm ²	°C	210	
DIN 53461	0.45 N/mm ²	°C	220	
U. L. 94	Flammability		H.B.	
IEC 695-2-1	Incandescent wire			
	Temperature	°C	650	
	Thickness	mm	3	
Flammability				
ASTM-D 257	Volume resistivity	Ohm cm	10 ¹⁵	10 ¹¹
ASTM-D 257	Surface resistivity	Ohm	10 ¹³	10 ¹¹
ASTM-D 149	Dielectric strength	KV/mm	22	
ASTM-D 150	Dielectric constant (10 Hz)	—	3.8	4.5
ASTM-D 150	Dissipation factor (10Hz)	—	0.02	0.09
Physical properties				
ASTM-D 792	Density	g/cm ³	1.38	
ASTM-D 570	Water absorption at 23°C in water for 24 hours	%	0.90	
Mechanical properties				
ASTM-D 638	Tensile yield stress	N/mm ²	195	115
ISO R/527				
DIN 53455	Ultimate elongation	%	2.6	4
ASTM-D 638				
ISO R/527	Tensile modulus of elasticity	N/mm ²	10600	6900
DIN 53457				
ASTM-D 790				
ISO 178	Flexural strength	N/mm ²	310	190
DIN 53452				
ASTM-D 790	Flexural modulus	N/mm ²	10500	6800
ISO 178				
ASTM-D 256	Unnotched Izod impact strength	J/m	140	300
ISO 180/4C	Notched Izod impact strength	KJ/m ²	110	125
ASTM-D 785	Rockwell hardness	Scala R	122	114

Dry
H₂O < 0,15%

Conditioned
equilibrium moisture content
at 23° - 50% R.H.



Chemical Resistance

Chemical agents	BRYLON 6			STEEL	
	Concentration %	Amorphous	Crystal	Concentration %	
Methyl acetate	100	RB3	RB2	100	RB
Acetone	100	RB4	RB	100	RB
Acetic acid (aqueous solution)	40	AF	AF	40	AF
Acetic acid (aqueous solution)	10	AF	AF	10	AF
Acetic acid		AF	AF		AF
Citric acid	10	AD 15	RD	10	AD
Hydrochloric acid (aqueous solution)	36	S	S	36	S
Hydrochloric acid (aqueous solution)	10	AF	AF	10	S
Hydrochloric acid (aqueous solution)	2	AF	AD	2	S
Chromic acid (aqueous solution)	10	AF	AF	10	AF
Chromic acid (aqueous solution)	1	RD	RD	1	AF
Hydrofluoric acid	40	AF	AF	40	S
Formic acid (aqueous solution)	85 S	S		85 S	AD
Formic acid (aqueous solution)	40 S	AF	AF	40 S	AD
Phosphoric acid (aqueous solution)	10	AF	AF	10	S
Oleic acid	100	RB3	RB3	100	RD
Sulphuric acid	98	S	S	98	S
Sulphuric acid (aqueous solution)	40	AF	AF	40	S
Sulphuric acid (aqueous solution)	10	AF	AF	10	S
Sulphuric acid (aqueous solution)	2	AF	AD	2	S
Tartaric acid (aqueous solution)		RD	RB		RD
Water		RB10	RB9		RD
Chlorine water		RD	RD		AD
Ethyl alcohol	96	RD17	RB3	96	RB
Ammonia	10	RB11	RB	10	AF
Petrol	100	RB1	RB	100	RB
Bitumen		RD	RD		RB
Potassium carbonate	100	RB	RB	100	AF
Sodium carbonate	10	RB10	RB3	10	AF
Ammonium chloride (aqueous solution)	10	RB	RB	10	AF
Calcium chloride (aqueous solution)	20	S	S	20	AF
Calcium chloride (aqueous solution)	10	RB	RB	10	AF
Sodium chloride	10	RB	RB	10	AF
Formaldehyde (aqueous solution)	30	RD	RB	30	AD
Fat		RB	RB		RB
Milk		RB	RB		RB
Mercury		RB	RB		RB
Oils		RB	RB		RB
Oil		RB	RB		RB
Paraffin oil		RB	RB		RB
Silicon oil		RB	RB		RB
Diesel oil		RB	RB		RB
Mineral oil		RB	RB		RB
Ozone		AF	AF		AF
Oil		RB	RB		RB
Potassium hydroxide (aqueous solution)	10	RB9	RB3	10	S
Sodium hydroxide (aqueous solution)	50	RD	RD	50	S
Sodium hydroxide (aqueous solution)	10	RB5	RB	10	S
Sodium hydroxide (aqueous solution)	5	RB9	RB	5	S
Aluminium sulphate	10	RB	RB	10	AF
Soap (aqueous solution)		RB	RB		RB
Tincture of iodine		AF	AF		AD
Trichloroethylene		RD5	RD4		RB
Vaseline		RB	RB		RB

The table shows the
resistance to chemical
agents of BRYLON 6 and
Steel.

RB
Very good resistance.

RD
Good resistance.

AD
Limited resistance.

AF
Poor resistance.

S
Soluble.

Amorphous
Polymer in amorphous state.

Crystal
Polymer in crystalline state.

The number by resistance
value side shows which is
the % weight increase due
to swelling.

All data contained in this
publication are laboratory
and design values, to be
verified in practical
applications.





Nylon Cable Chain

Light Series	page 38
Medium Series	page 58
Heavy Series	page 86
Protection Series	page 112
Sliding Series	page 138
Robot Series	page 176



Nylon Cable Chains Light Series

Series 200	page	40
Series 250L-250LI-250LE	page	42
Series 30090-30091-30092	page	44
Series 325LI/LE	page	46
Series 325L	page	48
Series 335L-335LI-335LE	page	50
Series 339	page	52
Channel guide for long travel distance		
For series 30090-30091-30092-300	page	54
For series 325L-325LI/LE/PI-335L/LI/LE-339	page	56

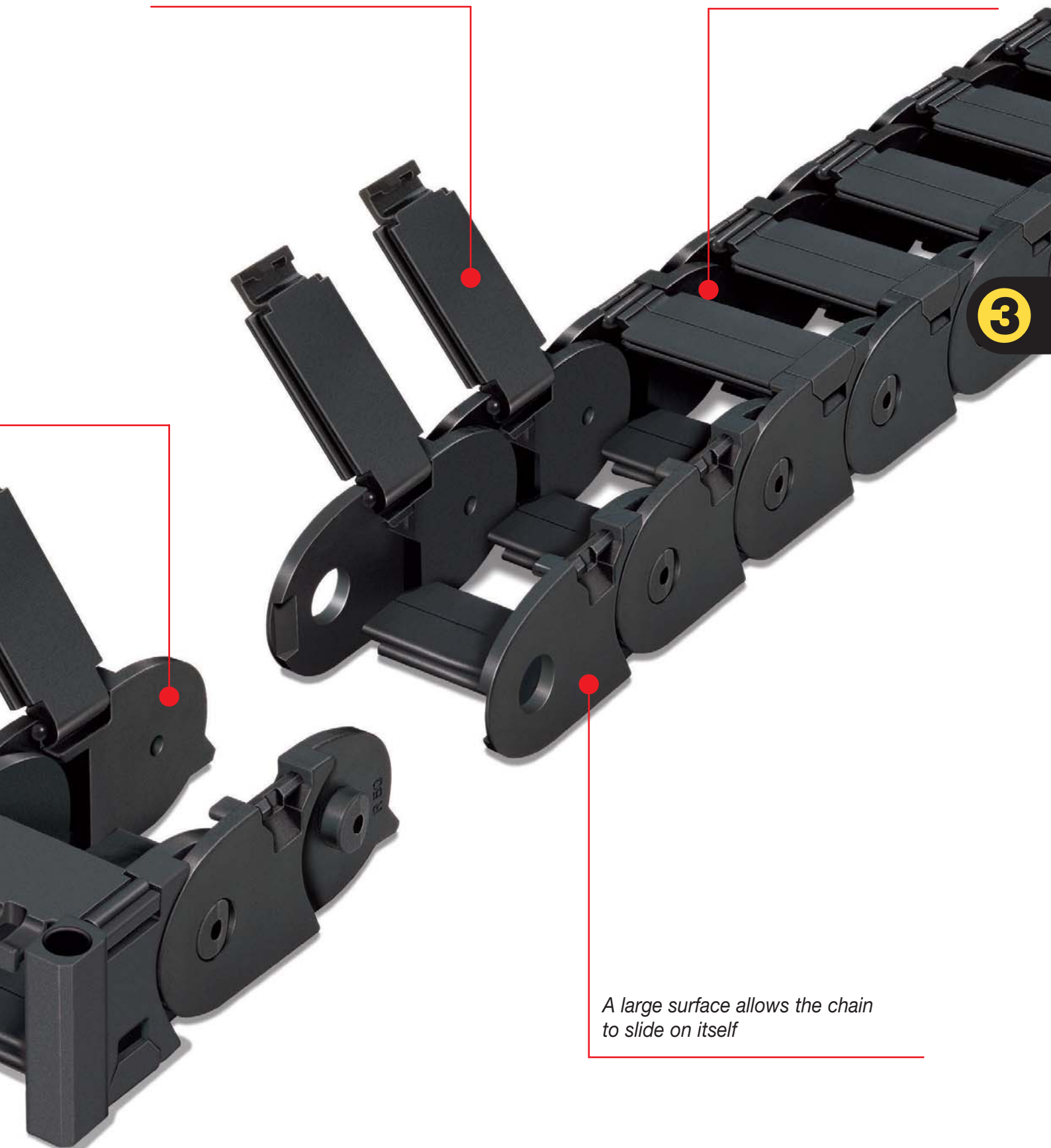
*Inner surface of chain
completely smooth*

*Steel or nylon end brackets with
tiewrap clamp*



*Cross pieces open and close with a
“Snap-Fit” action*

*Nylon separator. Cables can be laid
apart from each other*



*A large surface allows the chain
to slide on itself*

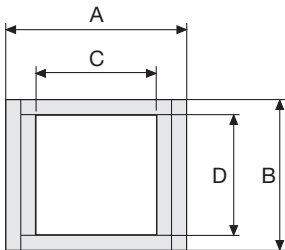
Serie Light

200

Nylon Cable Chain

Inner height (D) 12 mm

Single link construction with central anti-friction pivot.
 Very smooth chain, particularly suitable for small automatic machines like printers, measurements equipment etc.



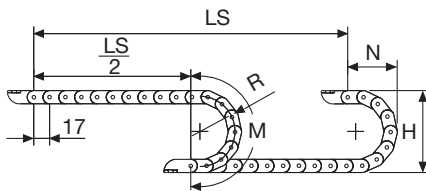
Technical characteristics when self-supported

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
18	15	12	12	018-030-040	0,13	20012□□□*
31	15	25	12	018-030-040	0,14	20025□□□*
41	15	35	12	018-030-040	0,15	20035□□□*

*Complete the code by inserting the value of the radius (R): Ex. 20012 01 01 01



R	H	N	M
mm	mm	mm	mm
018	51	45	95
030	75	55	130
040	95	70	165

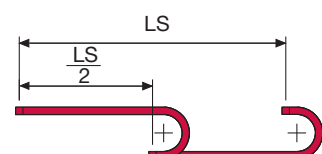
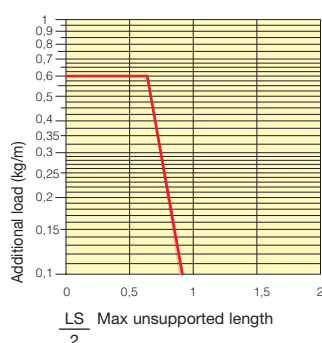
Length of chain (L)
 Half travel distance ($\frac{LS}{2}$)
 plus length of curve (M)

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



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.

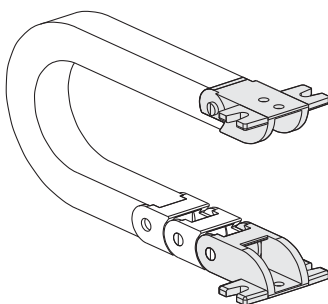
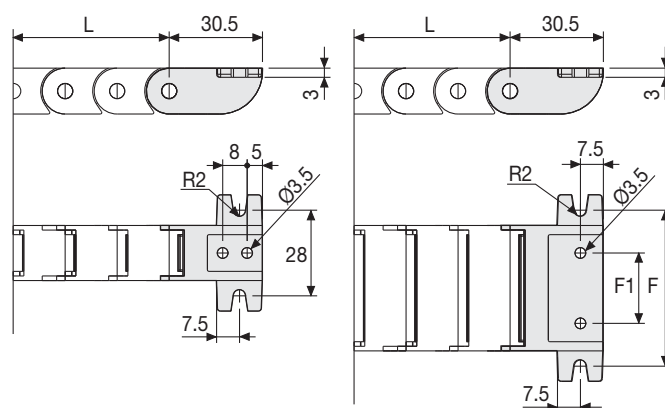


Fig. A
Chain fixed outside the radius. (Fig A)



Chain Type	F1 mm	F mm
20025...	13	41
20035...	23	51

Nylon Type Part Numbers

Complete Set Assembled	
Chain	End Brackets
Type	Set
20012...	AN20012KM
20025...	AN20025KM
20035...	AN20035KM

Complete Set Unassembled	
Chain	End Brackets
Type	Set
20012	AN20012K
20025...	AN20025K
20035...	AN20035K

Serie Light

200
Nylon Cable Chain

Serie Light

250L/LI/LE

Nylon Cable Chain

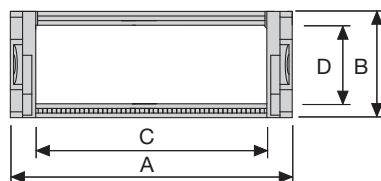
Inner height (D) 17 mm

Single link construction.

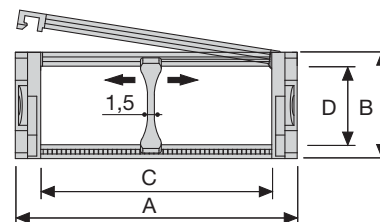
Non-opening version (250L).

Version with opening frames from inner radius (250LI) or from outer radius (250LE).

Vertical separators available.



250L



250LI/LE

Separator

- Unassembled	Part.no S250L
- Assembled	Part.no S250LMC

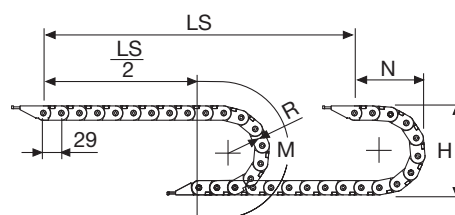
Technical characteristics when self-supported

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
26	23	15	17	028-038-045-060-075-100	0,34	250L(LI)(LE)015□□□*
36	23	25	17	028-038-045-060-075-100	0,37	250L(LI)(LE)025□□□*
46	23	35	17	028-038-045-060-075-100	0,40	250L(LI)(LE)035□□□*
61	23	50	17	028-038-045-060-075-100	0,43	250L(LI)(LE)050□□□*

*Complete the code by inserting the value of the radius (R): Ex. 250LI035□□□□



Length of chain (L)

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

plus length of curve (M)

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

R	H	N	M
mm	mm	mm	mm
028	79	68,5	146
038	99	78,5	177
045	113	85,5	199
060	143	100,5	246
075	173	115,5	294
100	223	140,5	372

250L

Non-opening



250LI

Frames opening from inner radius



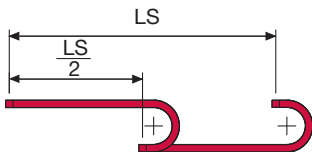
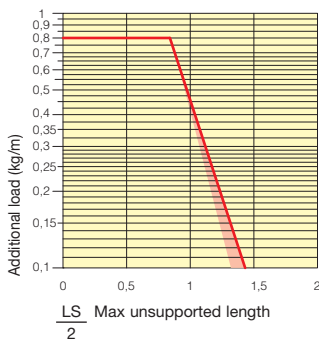
250LE

Frames opening from outer radius



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. End brackets are equipped with tiewrap clamps.

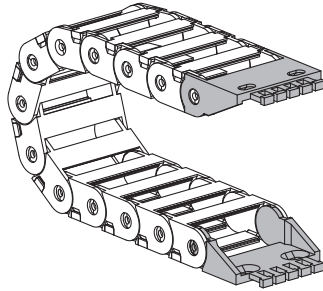
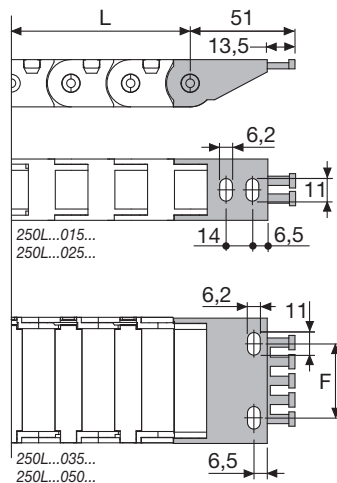


Fig. A
Chain fixed outside the radius. (Fig A)
See end brackets mounting variations page 31..



Chain Type	F1 mm
250L...035...	21
250L...050...	36

Nylon Type Part Numbers

Chain	End Brackets
Type	Set
250L	AN250L□□□*KM□**

Chain	End Brackets
Type	Set
250L	AN250L□□□*K□**

* Inner width (C)

** 1=Pos.1; 2=Pos.2; 3=Pos.3

5=Pos.5; 6=Pos.6

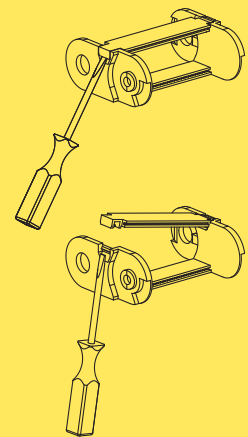
Serie Light

250L

250LI

250LE

Nylon Cable Chain



How to open the cover.

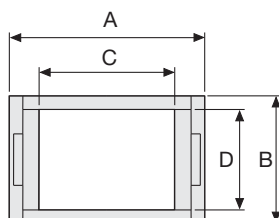
For further information please consult Brevetti Stendalto's Technical Office

Serie Light

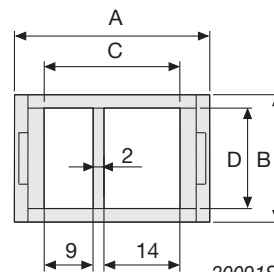
30090/91/92 Nylon Cable Chain

Inner height (D) 18,5 mm

Single link construction with central large anti-friction pivot, for high torsion and tensile resistance. Non-opening. Used with guide channels, this chain is particularly suitable for long distance travel, as typical for example in larger textile plants.



30090-30091-30092



30091S

Technical characteristics when self-supported

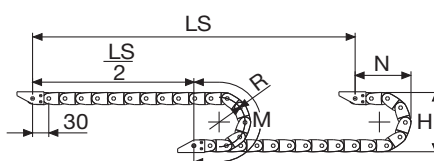
Speed	10 m/s
Acceleration	50 m/s ²

For higher requirements please consult our technical dept.

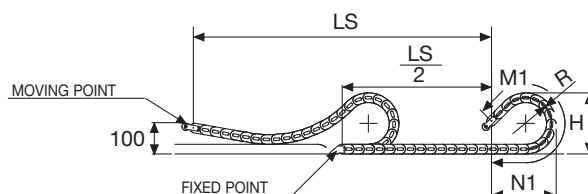
A mm	B mm	C mm	D mm	R mm	Weight/m kg	Chain Part Number
29	23,5	18	18,5	033-038-048-070-100	0,32	30090□□□*
36	23,5	25	18,5	033-038-048-070-100	0,36	30091□□□*
36	23,5	25	18,5	033-038-048-070-100	0,36	30091□□□S*
49	23,5	38	18,5	033-038-048-070-100	0,39	30092□□□*

*Complete the code by inserting the value of the radius (R): Ex. 30090 □ □ □ □

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



R mm	H mm	N mm	M mm	N1 mm	M1 mm
033	89,5	75	165	130	275
038	99,5	80	180	130	275
048	119,5	90	210	300	630
070	163,5	112	280	480	1025
100	223,5	145	375	655	1415



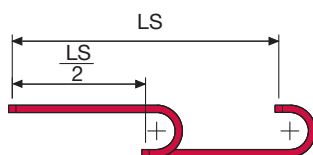
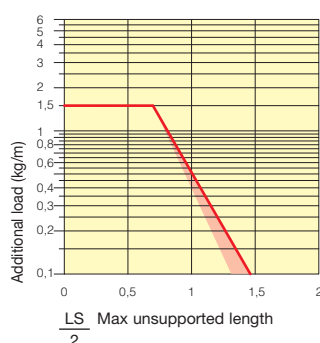
Length of chain (L)
Half travel distance ($\frac{LS}{2}$)
plus length of curve (M) or (M1)

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



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).

Bright Zinc Plated Steel End Brackets***

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

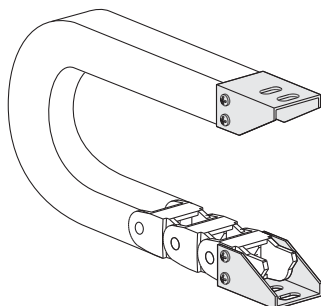
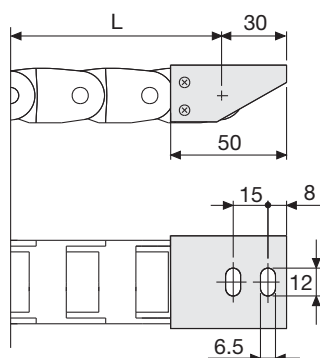


Fig. A
Chain fixed outside the radius. (Fig A)
See end brackets mounting variations page 31.



Bright Zinc Plated Steel Type Part Numbers

Complete Set Assembled	
Chain	End Brackets
Type	Set
30090	A30090KM □ **
30091	A30091KM □ **
30091S	A30091KM □ **
30092	A30092KM □ **

Complete Set Unassembled	
Chain	End Brackets
Type	Set
30090	A30090K □ **
30091	A30091K □ **
30091S	A30091K □ **
30092	A30092K □ **

** 1=Pos.1; 2=Pos.2; 3=Pos.3

*** Available on request in stainless steel

Serie Light

30090

30091

30092

Nylon Cable Chain

3



Suitable to long travel distance.
To choose the guide channel
see page 54

For further information please
consult Brevetti Stendalto's
Technical Office

Serie Light

325LI/325LE Nylon Cable Chain with opening frames

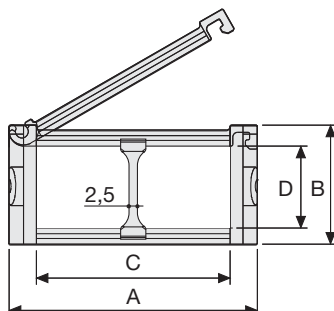
Inner height (D) 25 mm

Single link construction with central large anti-friction pivot, for high torsion and tensile resistance.

Frames opening from inner radius (325LI) or from outer radius (325LE).

Vertical separators

available. Used with guide channels, this chain is particularly suitable for long distance travel.



Separator

- Unassembled	Part.no S325L
- Assembled	Part.no S325LMC

Technical characteristics when self-supported

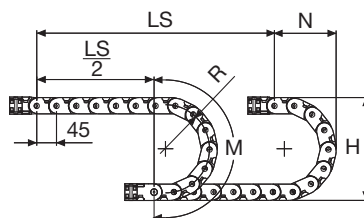
Speed	10 m/s
Acceleration	50 m/s ²

For higher requirements please consult our technical dept.

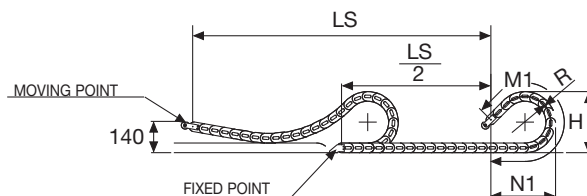
A	B	C	D	R	Weight/m	Chain
mm	mm	mm	mm	mm	kg	Part Number
57	38	40	25	050-060-075-100-125-150	0,90	325LI(LE)040□□□*
77	38	60	25	050-060-075-100-125-150	0,95	325LI(LE)060□□□*
93	38	76	25	050-060-075-100-125-150	1,05	325LI(LE)076□□□*
120	38	103	25	050-060-075-100-125-150	1,15	325LI(LE)103□□□*

*Complete the code by inserting the value of the radius (R): Ex. 325LI040 □ □ □ □

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



R	H	N	M	N1	M1
mm	mm	mm	mm	mm	mm
050	138	115	250	145	300
060	158	125	280	155	335
075	188	140	325	185	420
100	238	165	405	275	635
125	288	190	485	360	855
150	338	215	565	445	1075



Length of chain (L)

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

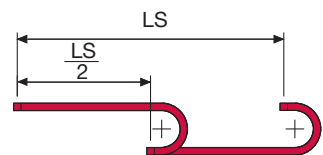
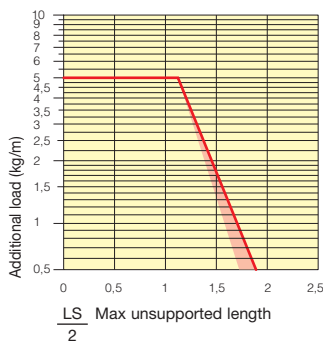
plus length of curve (M) or (M1)

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



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. EBs tie-wrap clamps and/or centre-distance reducers fully available under request.

Nylon Type

Bright Zinc Plated Steel Type***

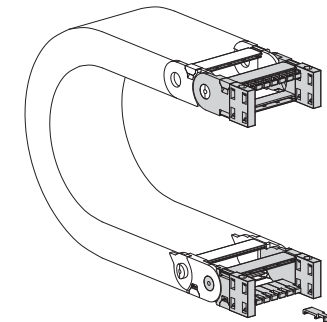


Fig. A
Chain fixed outside/inside the radius. (Fig A)

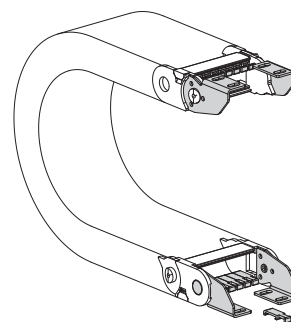
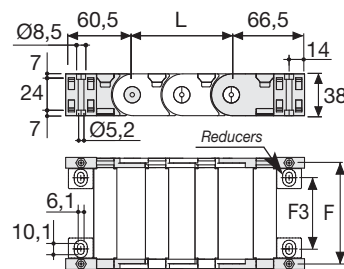


Fig. B
Chain fixed outside the radius. (Fig B)
See end brackets mounting variations page 31.



Chain type	F mm	F3 mm
325L...040	51	22
325L...060	71	42
325L...076	87	58
325L...103	114	85

Nylon Type Part Numbers

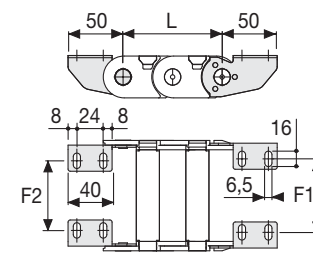
Complete Set Assembled Chain Type	End Brackets Set
325L...	AN325L □□□ *KM

Complete Set Unassembled Chain Type	End Brackets Set
325L...	AN325L □□□ *K

Tiewrap Clamp	Part Number
Assembled	CFC325L □□□ *KM

Unassembled	CFC325L □□□ *K
-------------	----------------

Centre-distance Reducers Set	Part Number
Unassembled	AQF325K



Chain Type	F2 mm	F1 mm
325L...040	22	25,5
325L...060	42	45,5
325L...076	58	61,5
325L...103	85	88,5

Bright Zinc Plated Steel Type Part Numbers

Complete Set Unassembled Chain Type	End Brackets Set
325L...	A325LK

Tiewrap Clamp	Part Number
Assembled	CFC325L □□□ *KM

Unassembled	CFC325L □□□ *K
-------------	----------------

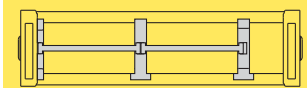
* Inner width (C)
*** Available on request in stainless steel

Serie Light

325LI

325LE

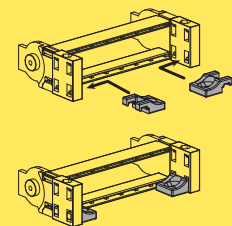
Nylon Cable Chain with opening frames



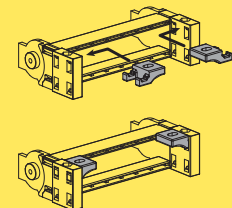
Separation System
To choose the separators see page 188

Nylon end brackets centre-distance reducers

Reducers mounted on the inner radius



Reducers mounted on the outer radius



Suitable to long travel distance.
To choose the guide channel see page 56

For further information please consult Brevetti Stendalto's Technical Office

Serie Light

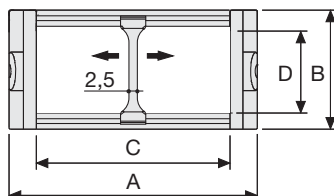
325L Nylon Cable Chain

Inner height (D) 25 mm

Single link construction with central large anti-friction pivot, for high torsion and tensile resistance.

Vertical separators available.

Used with guide channels, this chain is particularly suitable for long distance travel.



Separator

- Unassembled	Part.no S325L
- Assembled	Part.no S325LMC

Technical characteristics when self-supported

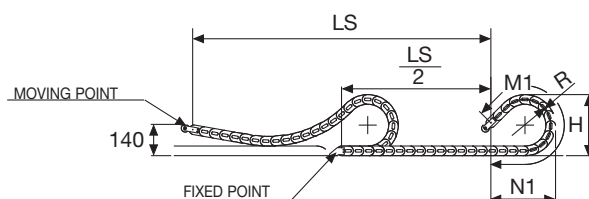
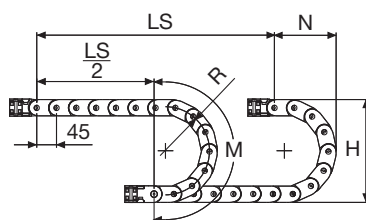
Speed	10 m/s
Acceleration	50 m/s ²

For higher requirements please consult our technical dept.

A	B	C	D	R	Weight/m	Chain
mm	mm	mm	mm	mm	kg	Part Number
57	38	40	25	050-060-075-100-125-150	0,90	325L040□□□*
77	38	60	25	050-060-075-100-125-150	0,95	325L060□□□*
93	38	76	25	050-060-075-100-125-150	1,05	325L076□□□*
120	38	103	25	050-060-075-100-125-150	1,15	325L103□□□*

*Complete the code by inserting the value of the radius (R): Ex. 325L040 □ □ □ □

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



R	H	N	M	N1	M1
mm	mm	mm	mm	mm	mm
050	138	115	250	145	300
060	158	125	280	155	335
075	188	140	325	185	420
100	238	165	405	275	635
125	288	190	485	360	855
150	338	215	565	445	1075

Length of chain (L)

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

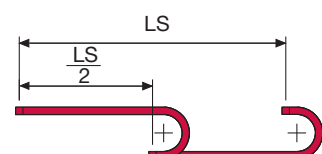
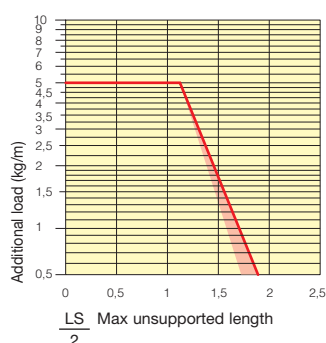
plus length of curve (M) or (M1)

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



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. EBs tie-wrap clamps and/or centre-distance reducers fully available under request.

Nylon Type

Bright Zinc Plated Steel Type***

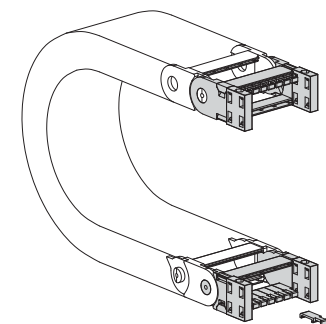


Fig. A
Chain fixed outside/inside the radius. (Fig A)

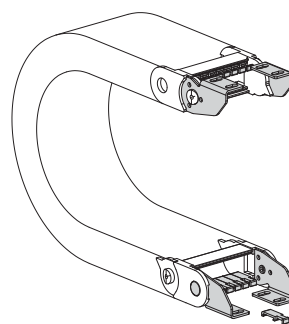
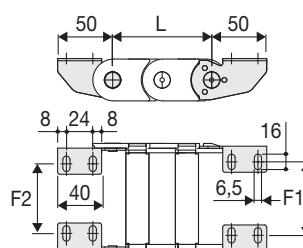
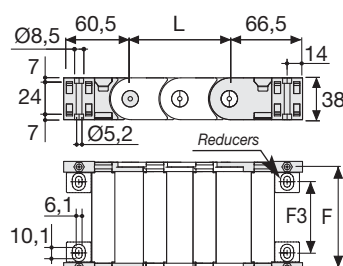


Fig. B
Chain fixed outside or inside the radius. (Fig B)



Chain type	F mm	F3 mm
325L040	51	22
325L060	71	42
325L076	87	58
325L103	114	85

Nylon Type Part Numbers

Complete Set Assembled Chain Type	End Brackets Set
325L...	AN325L □□□ *KM

Complete Set Unassembled Chain Type	End Brackets Set
325L...	AN325L □□□ *K

Tiewrap Clamp	Part Number
---------------	-------------

Assembled	CFC325L □□□ *KM
-----------	-----------------

Unassembled	CFC325L □□□ *K
-------------	----------------

Centre-distance Reducers Set	Part Number
Unassembled	AQF325K

Chain Type	F2 mm	F1 mm
325L040	22	25,5
325L060	42	45,5
325L076	58	61,5
325L103	85	88,5

Bright Zinc Plated Steel Type Part Numbers

Complete Set Unassembled Chain Type	End Brackets Set
325L...	A325LK

Tiewrap Clamp	Part Number
---------------	-------------

Assembled	CFC325L □□□ *KM
-----------	-----------------

Unassembled	CFC325L □□□ *K
-------------	----------------

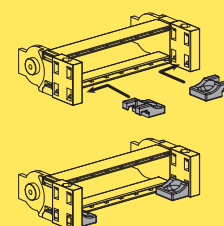
* Inner width (C)
*** Available on request in stainless steel

Serie Light

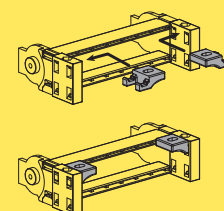
325L Nylon Cable Chain

Nylon end brackets centre-distance reducers

Reducers mounted on the inner radius



Reducers mounted on the outer radius



Suitable to long travel distance.
To choose the guide channel see page 56

For further information please consult Brevetti Stendalto's Technical Office

Serie Light

335L/LI/LE Nylon Cable Chain

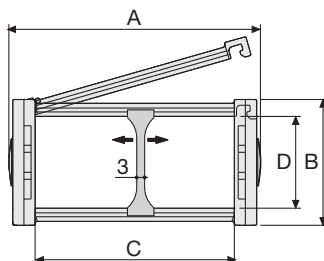
Inner height (D) 35 mm

Single link construction with central large anti-friction pivot, for high torsion and tensile resistance.

Non-opening version (335L).

Version with opening frames from inner radius (335LI) or from outer radius (335LE).

Vertical separators available.



Separator

- Unassembled	Part.no S4353
- Assembled	Part.no S4353MC

Technical characteristics when self-supported

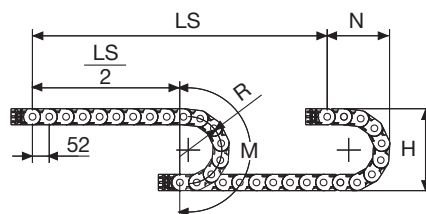
Speed	10 m/s
Acceleration	50 m/s ²

For higher requirements please consult our technical dept.

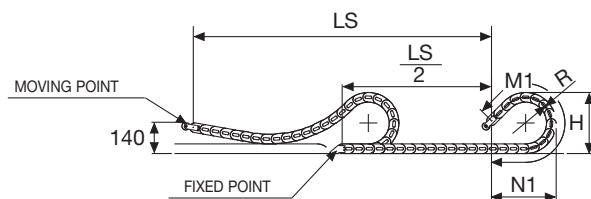
For sliding applications, technical data can slightly change according to frequency, added weight and environment.

A mm	B mm	C mm	D mm	R mm	Weight/m kg	Chain Part Number
56,5	50	40	35	065-075-100-125-150-200	1,08	335L(LI)(LE)040□□□*
66,5	50	50	35	065-075-100-125-150-200	1,12	335L(LI)(LE)050□□□*
76,5	50	60	35	065-075-100-125-150-200	1,16	335L(LI)(LE)060□□□*
92,5	50	76	35	065-075-100-125-150-200	1,22	335L(LI)(LE)076□□□*
119,5	50	103	35	065-075-100-125-150-200	1,32	335L(LI)(LE)103□□□*
141,5	50	125	35	065-075-100-125-150-200	1,40	335L(LI)(LE)125□□□*
166,5	50	150	35	065-075-100-125-150-200	1,50	335L(LI)(LE)150□□□*

*Complete the code by inserting the value of the radius (R): Ex. 335L(LI)(LE)040 □ □ □ □



R mm	H mm	N mm	M mm	N1 mm	M1 mm
065	180	169	310	165	345
075	200	179	340	190	420
100	250	204	420	230	530
125	300	229	500	320	750
150	350	254	580	405	970
200	450	304	735	580	1405



Length of chain (L)

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

plus length of curve (M) or (M1)

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

335L

Non-opening



335LI

Frames opening from inner radius



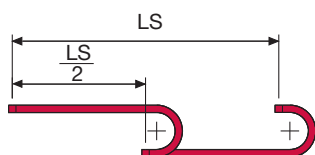
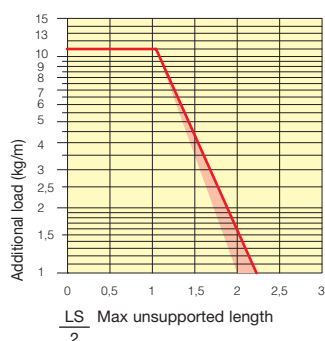
335LE

Frames opening from outer radius



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. Set complete with tiewrap clamps available on request.

Nylon Type

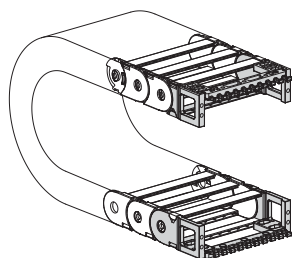
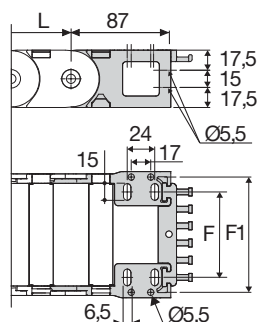


Fig. A
The chain can be fixed frontally, inner or outer radius. (Fig A)



Chain type	F mm	F1 mm
335L...040	25	51
335L...050	35	61
335L...060	45	71
335L...076	61	87
335L...103	88	114
335L...125	110	136
335L...150	135	161

Nylon Type Part Numbers

Chain Type	End Brackets Set
335	AN335L□□□*KM□**

Chain Type	End Brackets Set
335	AN335L□□□*K

Tiewrap Clamp	Part Number
335	PFN335□□□*

* Inner width (C)

** 1=Pos.1; 2=Pos.2; 3=Pos.3

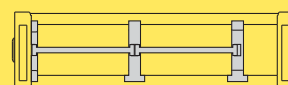
Serie Light

335L

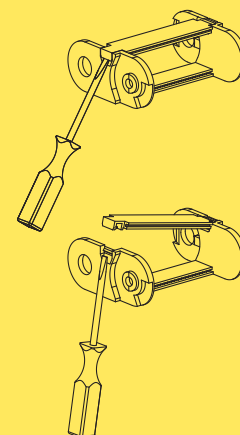
335LI

335LE

Nylon Cable Chain



Separazione orizzontale
Per la scelta dei separatori
vedi pag. 188



How to open the cover.



Suitable to long travel distance.
To choose the guide channel
see page 56

For further information please
consult Brevetti Stendalto's
Technical Office

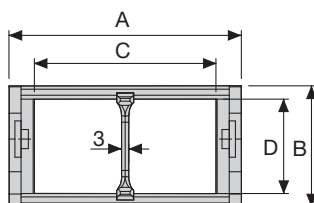
Serie Light

339

Nylon Cable Chain

Inner height (D) 39 mm

Single link construction with central large anti-friction pivot, for high torsion and tensile resistance. Non-opening version. Short pitch and very small bending radius design makes these chains suitable for applications with the smallest available spaces. These series can be easily used for long distance travels with the corresponding guide channels.



Separator

- Unassembled	Part.no S339
- Assembled	Part.no S339MC

Technical characteristics when self-supported

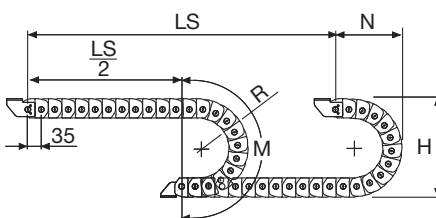
Speed	10 m/s
Acceleration	50 m/s ²

For higher requirements please consult our technical dept.

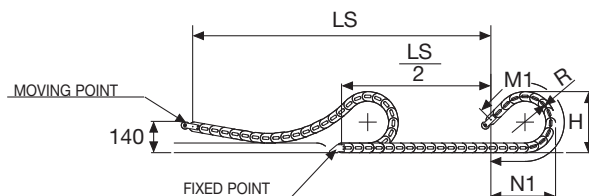
A	B	C	D	R	Weight/m	Chain
mm	mm	mm	mm	mm	kg	Part Number
60	50	40	39	050-075-100	1,48	339040□□□*
80	50	60	39	050-075-100	1,48	339060□□□*
96	50	76	39	050-075-100	1,65	339076□□□*

*Complete the code by inserting the value of the radius (R): Ex. 339076 1 0 0

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



R	H	N	M	N1	M1
mm	mm	mm	mm	mm	mm
050	156	115	230	140	275
075	206	135	305	215	470
100	256	160	385	310	705



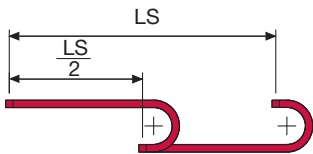
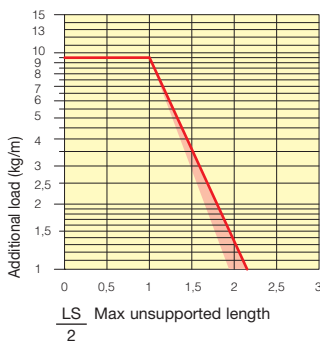
Length of chain (L)
Half travel distance ($\frac{LS}{2}$)
plus length of curve (M) or (M1)

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



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).

Bright Zinc Plated Steel End Brackets***

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

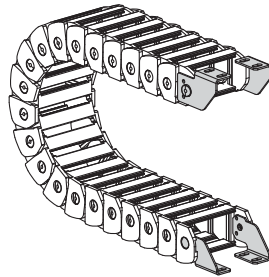
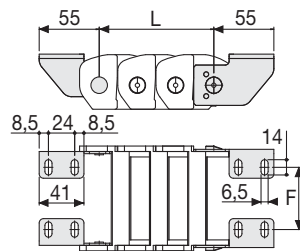


Fig. A
Chain fixed outside the radius. (Fig A)
See end brackets mounting variations page 31



Chain Type	F mm
339040	21
339060	41
339076	57

Bright Zinc Plated Steel Type Part Numbers

Complete Set Unassembled	
Chain	End Brackets
Type	Set
339...	A339K

*** Available on request in stainless steel

Serie Light

339 Nylon Cable Chain

3



Suitable to long travel distance.
To choose the guide channel see page 56

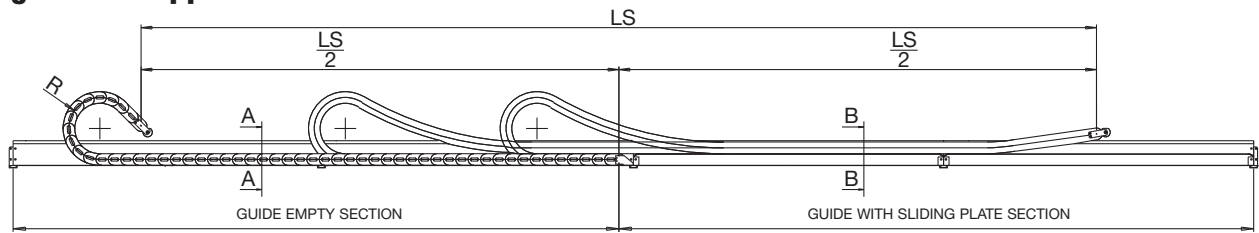
For further information please consult Brevetti Stendalto's Technical Office

Serie Light

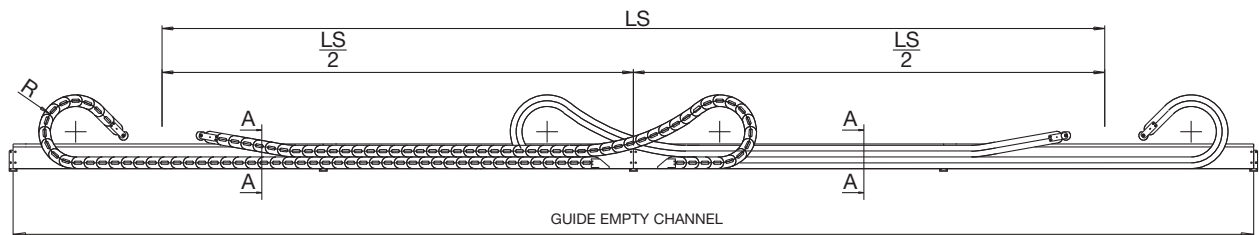
Guide Channel 30090-30091-30092-300

Special channel guide allows the use of the chain for long travel distance.
Available in galvanised steel and, on request, in stainless steel.

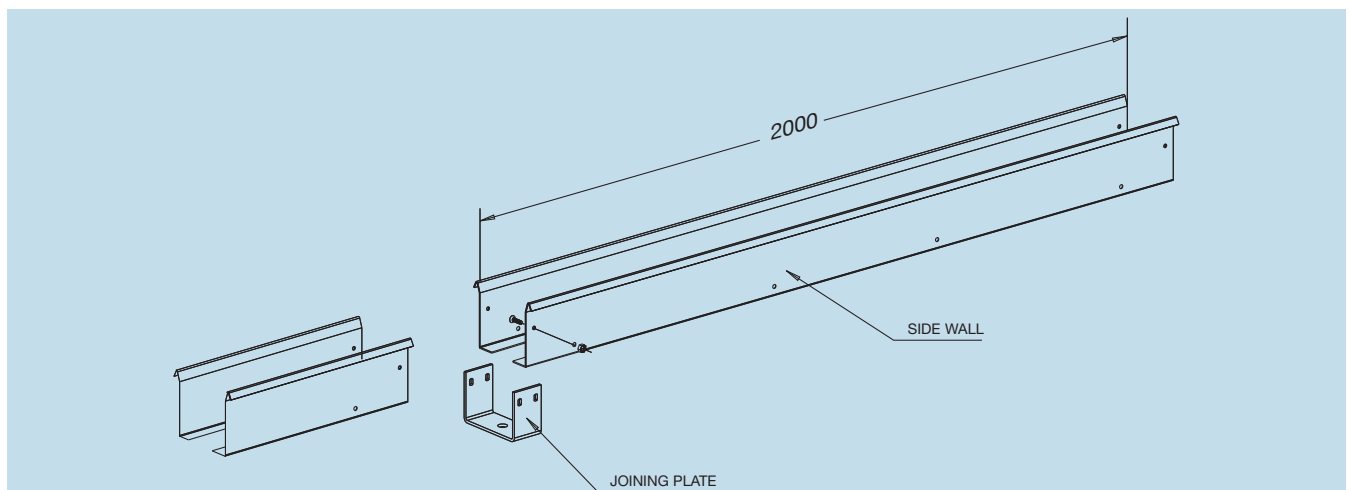
Single Chain Application



Double Chain Application

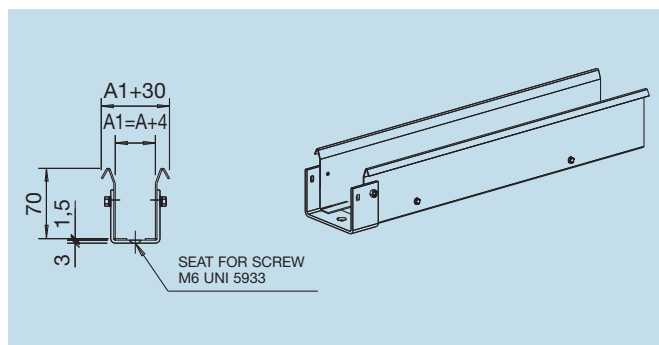


Channel guide is available in kit form
composed of:
side walls 2 m standard length
joining plates
fixing screws



Guide Empty Section

Section A-A



Part Number

CS30090...

How to order

Chain part number	30090038
-------------------	-----------------

Guide channel part number	CS30090
---------------------------	----------------

CS30091...

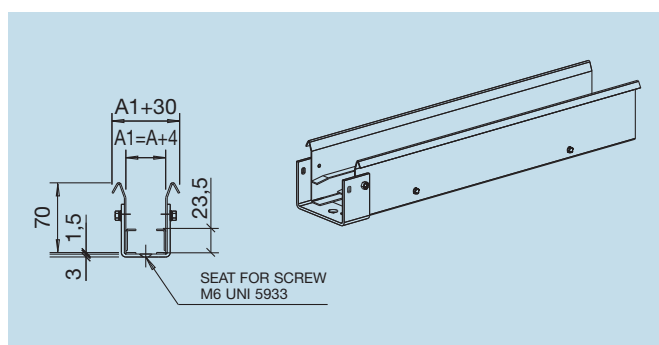
How to order

Chain part number	30091038
-------------------	-----------------

Guide channel part number	CS30091
---------------------------	----------------

Guide Sliding Plate Section

Section B-B



Part Number

CA30090...

How to order

Chain part number	30090038
-------------------	-----------------

Guide channel part number	CA30090
---------------------------	----------------

CA30091...

How to order

Chain part number	30091038
-------------------	-----------------

Guide channel part number	CA30091
---------------------------	----------------

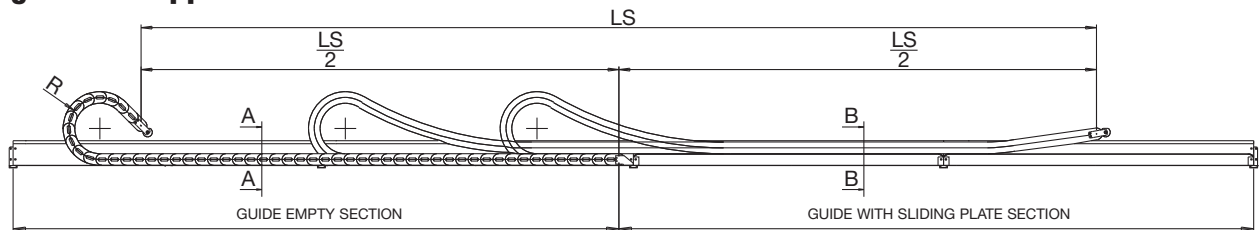
Serie Light

Guide Channel

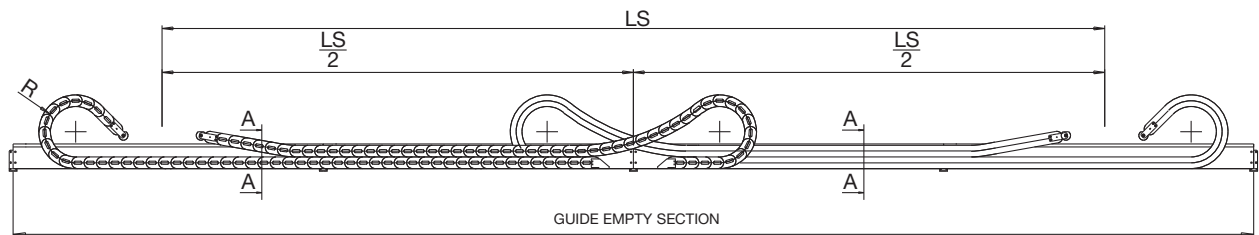
325L-325LI/LE/PI-335L/LI/LE-339

Special channel guide allows the use of the chain for long travel distance.
Available in galvanised steel and, on request, in stainless steel.

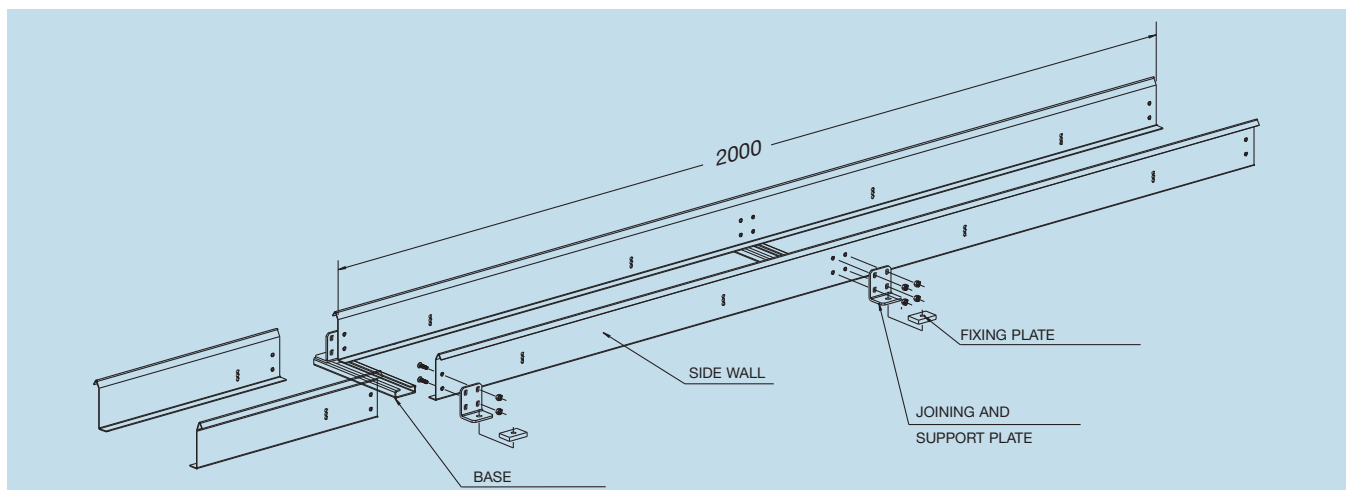
Single Chain Application



Double Chain Application

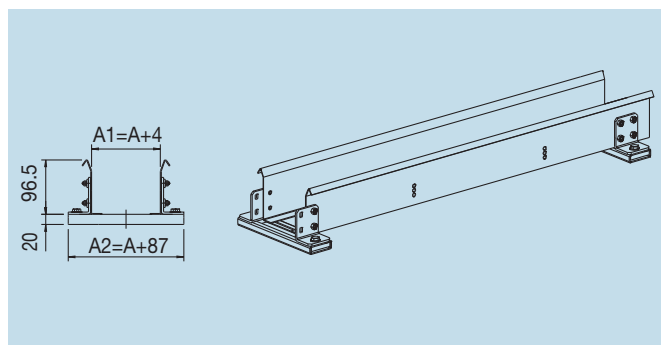


Channel guide is available in kit form
composed of:
side walls 2 m standard length
joining plates
fixing screws



Guide Empty Section

Section A-A



Part Number

CS325L-LI-LE

How to order

Chain part number **325L040050**

Chain part number **325LI040050**

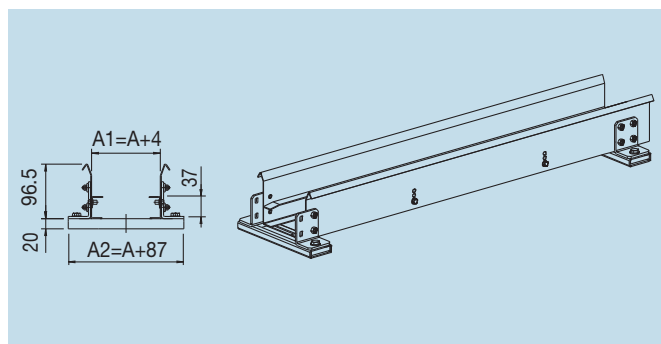
Chain part number **325LE040050**

Guide channel

part number **CS325L040**

Guide Sliding Plate Section 325...

Section B-B



Part Number

CA325L-LI-LE

How to order

Chain part number **325L040050**

Chain part number **325LI040050**

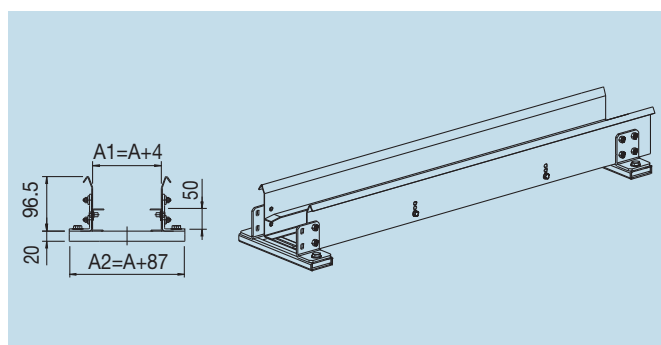
Chain part number **325LE040050**

Guide channel

part number **CA325040**

Guide Sliding Plate Section 335 - 339

Section B-B



Part Number

CA339...

How to order

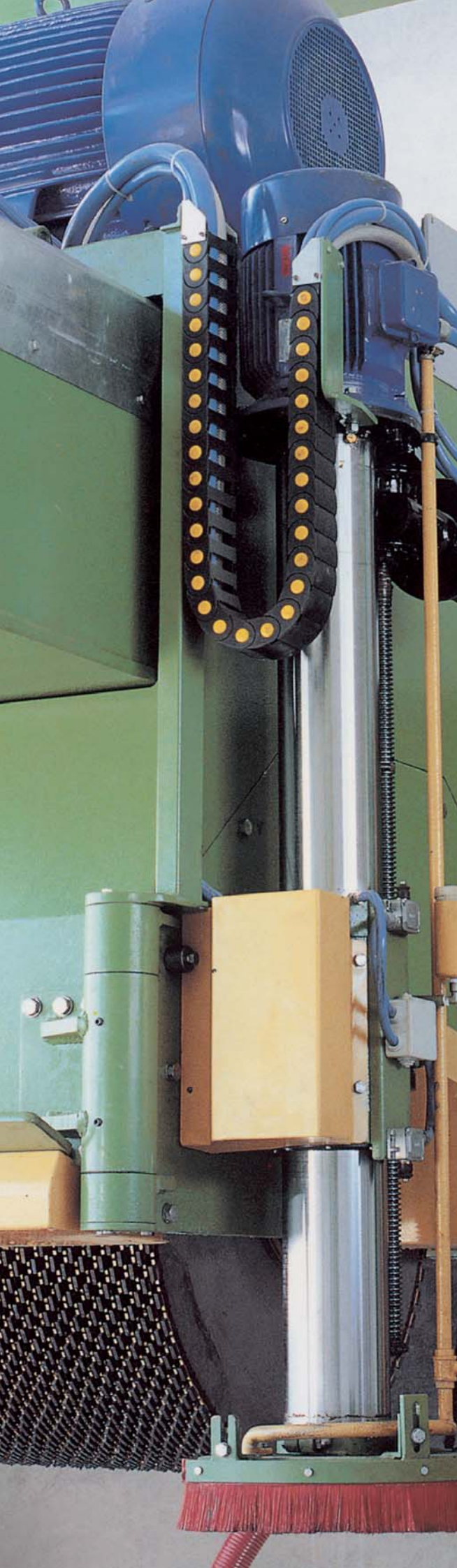
Chain part number **339040050**

Guide channel

part number **CA339040**

Serie Light

3



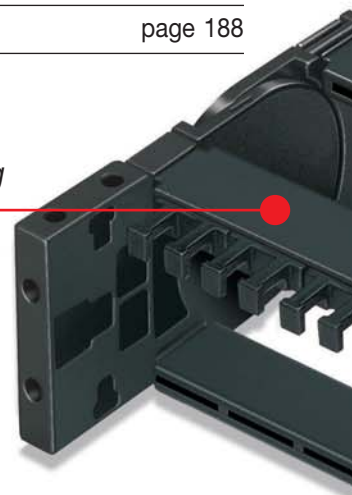
Nylon Cable Chains Medium Series

Series 300A	page 60
Series 300	page 62
Series 305A	page 64
Series 305	page 66
Series 355A	page 68
Series 355	page 70
Series 400	page 72
Series 435MI-435ME	page 74
Series 445MI-445ME	page 76
Series 660A	page 78
Series 770A	page 80
Series 475MI-475ME	page 82

Channel guide for long travel distance	
For chains 305-355-435MI-435ME	page 84
For chains 445MI-445ME-660A-770A	page 168
For chains 475MI-475ME	page 170

Horizontal Separation	page 188
-----------------------	----------

Tiewrap clamp for an optimal conduct fixing



Steel or nylon end brackets

Cross pieces open and close with a "Snap-Fit" action

Nylon separator. Cables can be laid apart from each other

3

Single connecting Pivot Pin which offers high integrity in high performance applications

Inner surface of chain completely smooth

Serie Medium

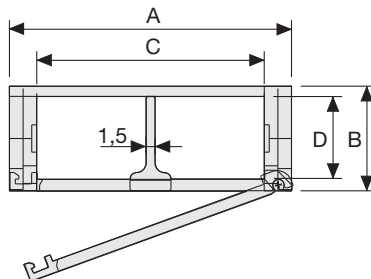
300A

Nylon Cable Chain

with opening frames

Inner height (D) 18 mm

Single link construction with anti-friction single-pin.
Frames opening from inner radius.
Vertical separators available.
The wide frames on out radius offer good protection, when operating horizontally.



Separator

- Unassembled	Part.no S300A
- Assembled	Part.no S300AMC

Pin

Part.no PG300A

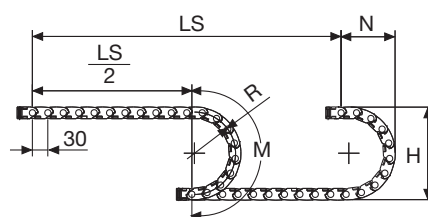
Technical characteristics when self-supported

Speed	10 m/s
Acceleration	50 m/s ²

For higher requirements please consult our technical dept.

A mm	B mm	C mm	D mm	R mm	Weight/m kg	Chain Part Number
27	23	15	18	040-060-080-120	0,41	300A015□□□*
37	23	25	18	040-060-080-120	0,45	300A025□□□*
62	23	50	18	040-060-080-120	0,55	300A050□□□*
87	23	75	18	040-060-080-120	0,65	300A075□□□*

*Complete the code by inserting the value of the radius (R): Ex. 300A015 □ □ □ □



R mm	H mm	N mm	M mm
040	103	85	185
060	143	105	250
080	183	125	315
120	263	165	440

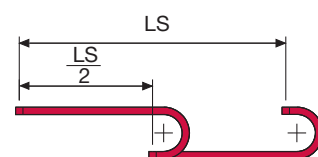
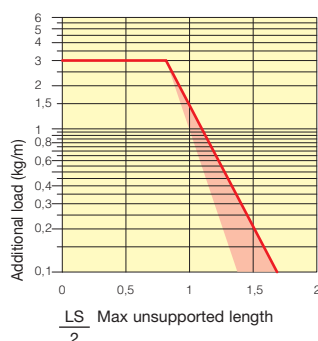
Length of chain (L)
Half travel distance ($\frac{LS}{2}$)
plus length of curve (M)

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



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. Set complete with tiewrap clamps available on request.

Nylon Type

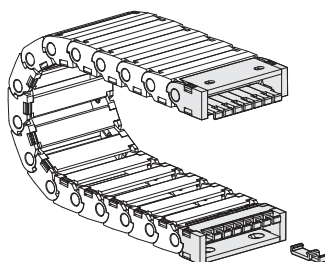
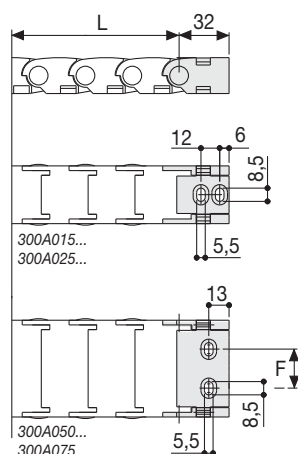


Fig. A
Chain fixed outside the radius. (Fig A)



Chain Type	F mm
300A050	25
300A075	50

Nylon Type Part Numbers

Complete Set Assembled Chain	End Brackets Set
Type	Set
300A...	AN300A□□□*KM

Complete Set Unassembled Chain	End Brackets Set
Type	Set
300A...	AN300A□□□*K

Tiewrap Clamp	Part Number
Assembl.	CFC300□□□*KM
Unassembl.	CFC300□□□*K

Bright Zinc Plated Steel Type***

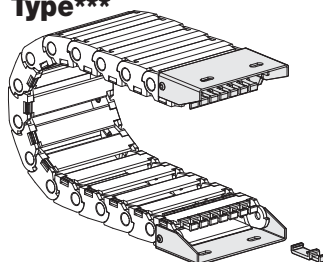
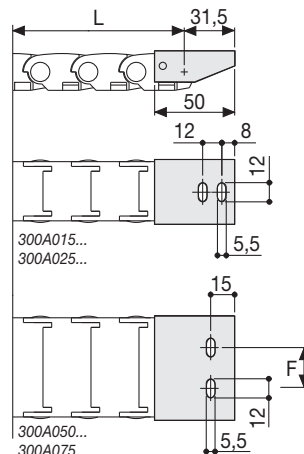


Fig. B
Chain fixed outside the radius. (Fig B)
See end brackets mounting variations page 31.



Chain Type	F mm
300A050	25
300A075	50

Bright Zinc Plated Steel Type Part Numbers

Complete Set Assembled Chain	End Brackets Set
Type	Set
300A...	A300A□□□*KM

Complete Set Unassembled Chain	End Brackets Set
Type	Set
300A...	A300A□□□*K

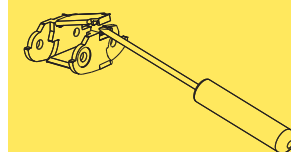
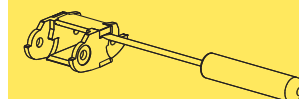
Tiewrap Clamp	Part Number
Assembl.	CFC300□□□*KM
Unassembl.	CFC300□□□*K

* Inner width (C)

*** Available on request in stainless steel

Serie Medium

300A Nylon Cable Chain with opening frames



How to open the cover.

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



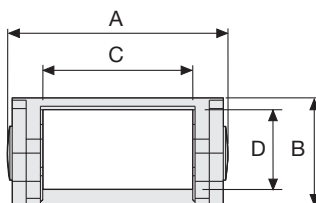
For further information please consult Brevetti Stendalto's Technical Office

Serie Medium

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.



Pin

Part.no PG300

Technical characteristics when self-supported

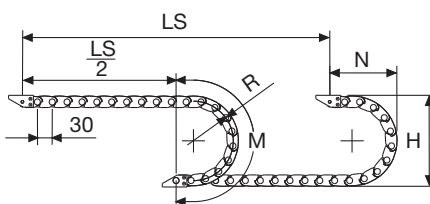
Speed	10 m/s
Acceleration	50 m/s ²

For higher requirements please consult our technical dept.

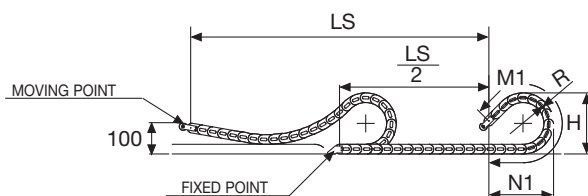
A mm	B mm	C mm	D mm	R mm	Weight/m kg	Chain Part Number
30	23	14	18	040-060-080-120	0,38	300015□□□*
41	23	25	18	040-060-080-120	0,43	300025□□□*
52	23	36	18	040-060-080-120	0,48	300035□□□*

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

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



R mm	H mm	N mm	M mm	N1 mm	M1 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



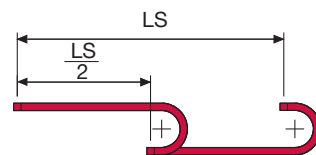
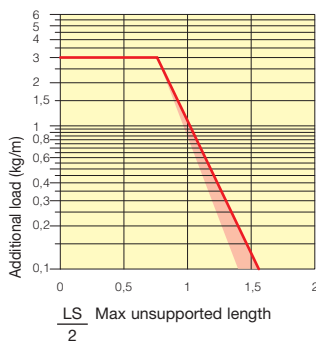
Length of chain (L)
Half travel distance ($\frac{LS}{2}$)
plus length of curve (M) or (M1)

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



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).

Bright Zinc Plated Steel End Brackets***

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

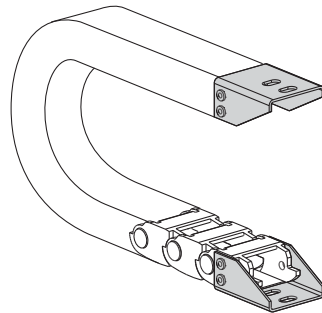
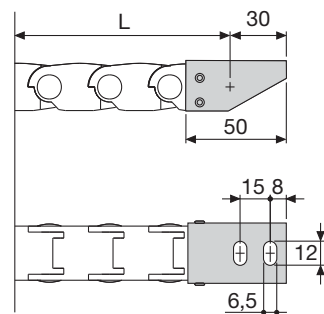


Fig. A
Chain fixed outside the radius. (Fig A)
See end brackets mounting variations page 31.



Bright Zinc Plated Steel Type Part Numbers

Complete Set Assembled	
Chain Type	End Brackets Set
300015...	AP300KM □ **
300025...	AG300KM □ **
300035...	A300035KM □ **

Complete Set Unassembled	
Chain Type	End Brackets Set
300015...	AP300K □ **
300025...	AG300K □ **
300035...	A300035K □ **

** 1=Pos.1; 2=Pos.2; 3=Pos.3

*** Available on request in stainless steel

Serie Medium

300 Nylon Cable Chain



Suitable to long travel distance.
To choose the guide channel see page 54

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



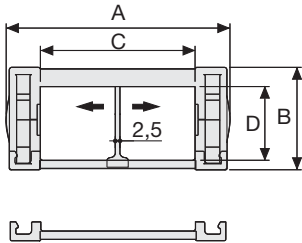
For further information please consult Brevetti Stendalto's Technical Office

Serie Medium

305A Nylon Cable Chain with removable frames

Inner height (D) 24 mm

Double share single link joining construction with large anti-friction single-pin. Frames removable from inner radius. Vertical separators are available. Wide frames on outer radius offer good protection. Due to its design with double-share lateral side, the chain is very robust, meanwhile offering very low friction.



Separator

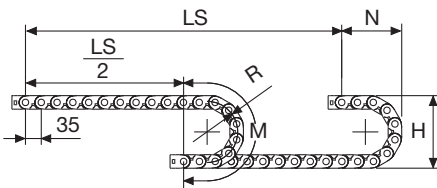
- Unassembled	Part.no S305
- Assembled	Part.no S305MC
Pin	
Part.no PG305	

Technical characteristics when self-supported

Speed	10 m/s
Acceleration	50 m/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
54	30	30	24	50	0,85	305A008
54	30	30	24	70	0,85	305A010
54	30	30	24	120	0,85	305A020
54	30	30	24	150	0,85	305A050
74	30	50	24	50	0,95	305A009
74	30	50	24	70	0,95	305A030
74	30	50	24	120	0,95	305A040
74	30	50	24	150	0,95	305A060



R	H	N	M
mm	mm	mm	mm
50	130	105	230
70	170	120	290
120	270	175	450
150	330	205	545

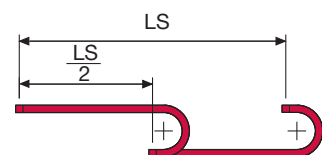
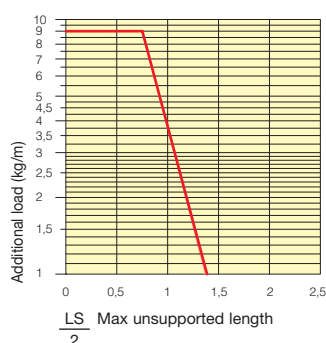
Length of chain (L)
Half travel distance ($\frac{LS}{2}$)
plus length of curve (M)

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



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

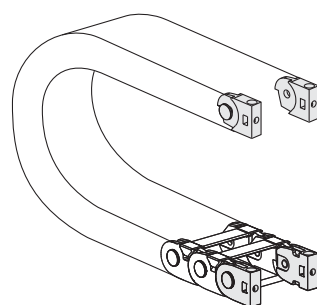


Fig. A
The chain can be fixed frontally, inner or outer radius. (Fig A)

Bright Zinc Plated Steel Type***

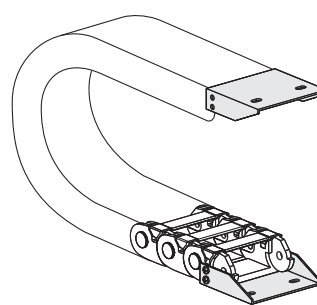
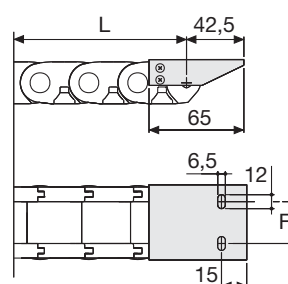
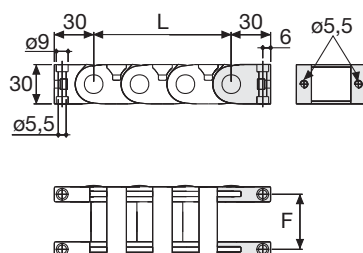


Fig. B
Chain fixed outside the radius. (Fig B)
See end brackets mounting variations page 31.



Chain Type	F mm
305A C=30	42,5
305A C=50	62,5

Chain Type	F mm
305A C=30	30,5
305A C=50	50,5

Nylon Type Part Numbers

Complete Set Assembled	
Chain Type	End Brackets Set
305A C=30	AN305KM
305A C=50	AN305KM

Complete Set Unassembled	
Chain Type	End Brackets Set
305A C=30	AN305K
305A C=50	AN305K

Bright Zinc Plated Steel Type Part Numbers

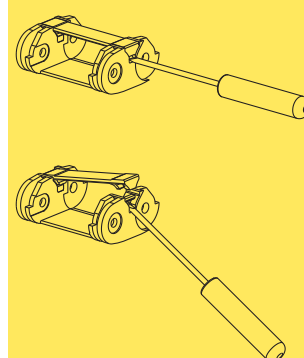
Complete Set Assembled	
Chain Type	End Brackets Set
305A C=30	AP305AKM1
305A C=50	AG305AKM1

Complete Set Unassembled	
Chain Type	End Brackets Set
305A C=30	AP305AK1
305A C=50	AG305AK1

*** Available on request in stainless steel

Serie Medium

305A Nylon Cable Chain with removable frames



How to open the cover.

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



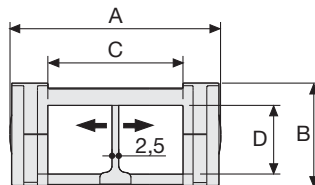
For further information please consult Brevetti Stendalto's Technical Office

Serie Medium

305 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

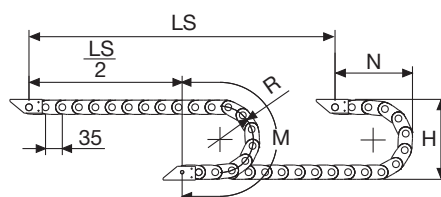
Speed	10 m/s
Acceleration	50 m/s ²

For higher requirements please consult our technical dept.

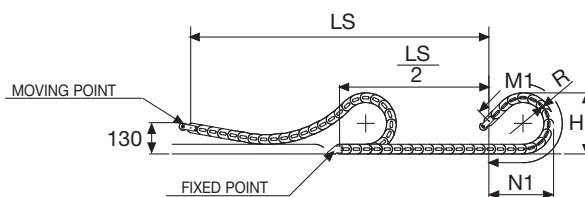
For sliding applications, technical data can slightly change according to frequency, added weight and environment.

*Separator not to be used in long-stroke applications

A mm	B mm	C mm	D mm	R mm	Weight/m kg	Chain Part Number
54	30	30	23	50	0,90	305008
54	30	30	23	70	0,90	305010
54	30	30	23	120	0,90	305020
54	30	30	23	150	0,90	305050
74	30	50	23	50	1,00	305009
74	30	50	23	70	1,00	305030
74	30	50	23	120	1,00	305040
74	30	50	23	150	1,00	305060



R mm	H mm	N mm	M mm	N1 mm	M1 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 ($\frac{LS}{2}$)

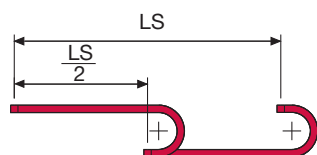
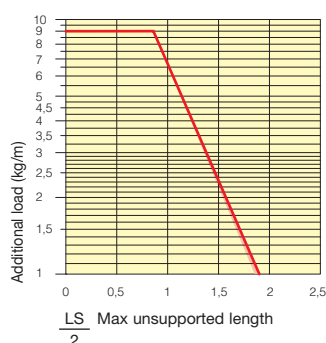
plus length of curve (M) or (M1)

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



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

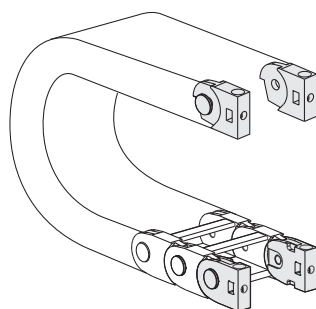
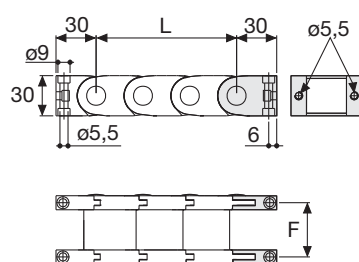


Fig. A
The chain can be fixed frontally,
inner or outer radius. (Fig A)



Chain Type	F mm
305 C=30	40,5
305 C=50	60,5

Nylon Type Part Numbers

Complete Set Assembled	
Chain	End Brackets
Type	Set
305 C=30	AN305KM
305 C=50	AN305KM

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

**Bright Zinc Plated Steel
Type*****

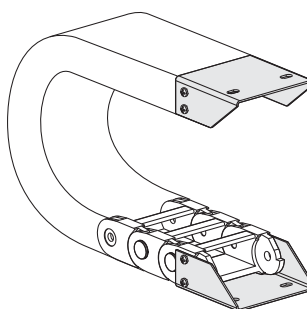
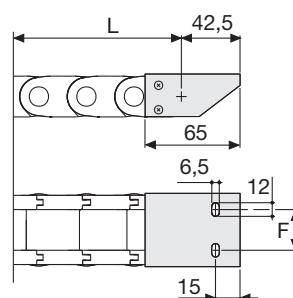


Fig. B
Chain fixed outside the radius. (Fig B)
See end brackets mounting
variations page 31.



Chain Type	F mm
305 C=30	30,5
305 C=50	51,5

Bright Zinc Plated Steel Type Part Numbers

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

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

** 1=Pos.1; 2=Pos.2; 3=Pos.3

*** Available on request in stainless steel

Serie Medium

305

Nylon Cable Chain



**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**

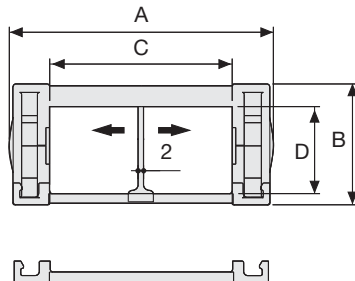
Serie Medium

355A

Nylon Cable Chain with removable frames

Inner height (D) 31 mm

Double share single link joining construction with large anti-friction single-pin. Frames removable from inner radius. Vertical separators are available. Wide frames on outer radius offer good protection. Due to its design with double-share lateral side, the chain is very robust, meanwhile offering very low friction.



Separator

- Unassembled	Part.no S355
- Assembled	Part.no S355MC

Pin

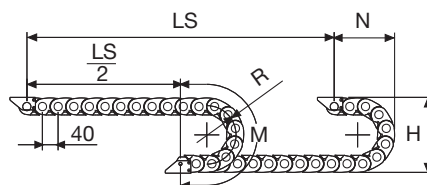
Part.no PG355

Technical characteristics when self-supported

Speed	10 m/s
Acceleration	50 m/s ²

For higher requirements please consult our technical dept.

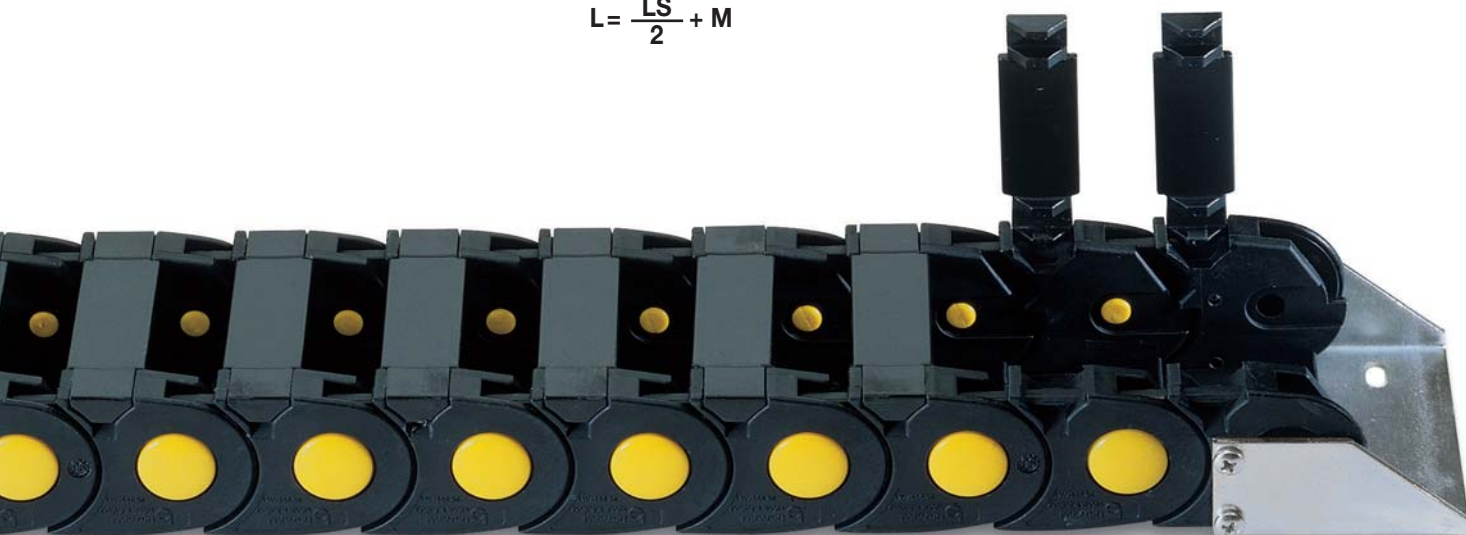
A mm	B mm	C mm	D mm	R mm	Weight/m kg	Chain Part Number
74	43	45	31	75	1,40	355A045
74	43	45	31	100	1,40	355A046
74	43	45	31	150	1,40	355A047
74	43	45	31	200	1,40	355A048
94	43	65	31	75	1,50	355A065
94	43	65	31	100	1,50	355A066
94	43	65	31	150	1,50	355A067
94	43	65	31	200	1,50	355A068
124	43	95	31	75	1,70	355A095
124	43	95	31	100	1,70	355A096
124	43	95	31	150	1,70	355A097
124	43	95	31	200	1,70	355A098



R mm	H mm	N mm	M mm
75	194	140	315
100	244	165	395
150	344	215	555
200	444	265	710

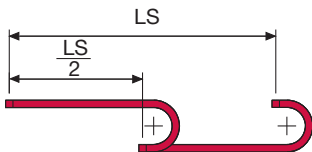
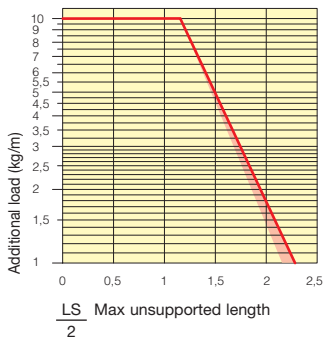
Length of chain (L)
Half travel distance ($\frac{LS}{2}$)
plus length of curve (M)

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



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

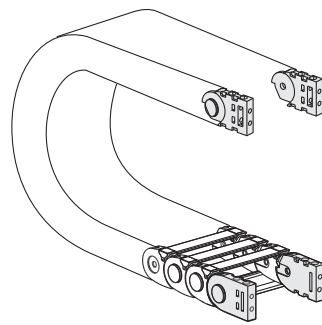


Fig. A
The chain can be fixed frontally, inner or outer radius. (Fig A)

Bright Zinc Plated Steel Type***

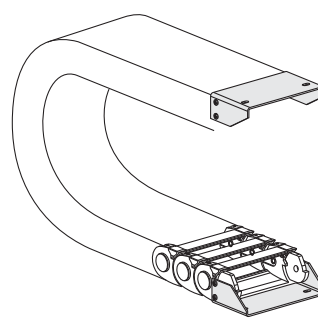
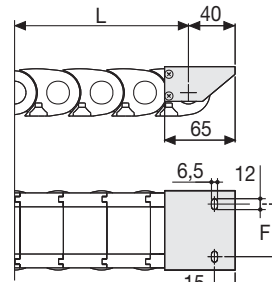
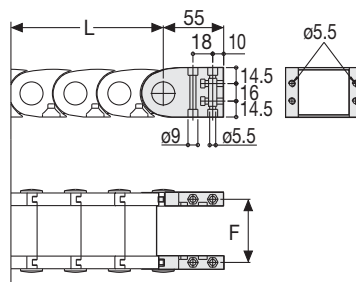


Fig. B
Chain fixed outside the radius. (Fig B)
See end brackets mounting variations page 31.



Chain Type	F mm
355A C=45	59
355A C=65	79
355A C=95	109

Nylon Type Part Numbers

Complete Set Assembled Chain Type	End Brackets Set
355A C=45	AN355KM
355A C=65	AN355KM
355A C=95	AN355KM

Complete Set Unassembled Chain Type	End Brackets Set
355A C=45	AN355K
355A C=65	AN355K
355A C=95	AN355K

Chain Type	F mm
355A C=45	50
355A C=65	70
355A C=95	100

Bright Zinc Plated Steel Type Part Numbers

Complete Set Assembled Chain Type	End Brackets Set
355A C=45	AP355AKM1
355A C=65	AM355AKM1
355A C=95	AG355AKM1

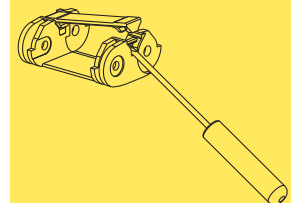
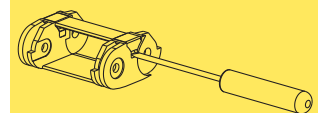
Complete Set Unassembled Chain Type	End Brackets Set
355A C=45	AP355AK1
355A C=65	AM355AK1
355A C=95	AG355AK1

*** Available on request in stainless steel

Serie Medium

355A

Nylon Cable Chain with removable frames



How to open the cover.

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



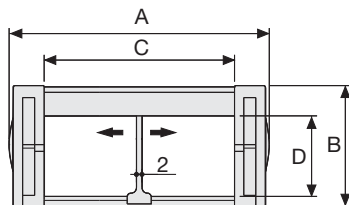
For further information please consult Brevetti Stendalto's Technical Office

Serie Medium

355 Nylon Cable Chain

Inner height (D) 30 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 S355
- Assembled	Part.no S355MC

Pin

Part.no PG355

Technical characteristics when self-supported

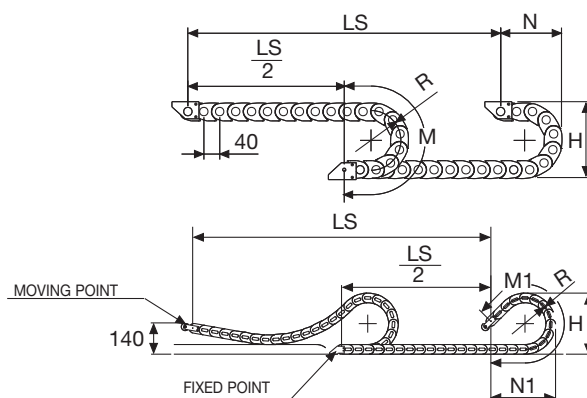
Speed	10 m/s
Acceleration	50 m/s ²

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 mm	B mm	C mm	D mm	R mm	Weight/m kg	Chain Part Number
74	45	45	30	54	1,35	355044
74	45	45	30	75	1,35	355045
74	45	45	30	100	1,35	355046
74	45	45	30	150	1,35	355047
74	45	45	30	200	1,35	355048
94	45	65	30	54	1,45	355064
94	45	65	30	75	1,45	355065
94	45	65	30	100	1,45	355066
94	45	65	30	150	1,45	355067
94	45	65	30	200	1,45	355068
124	45	95	30	54	1,65	355094
124	45	95	30	75	1,65	355095
124	45	95	30	100	1,65	355096
124	45	95	30	150	1,65	355097
124	45	95	30	200	1,65	355098



R mm	H mm	N mm	M mm	N1 mm	M1 mm
54	152	120	250	135	290
75	194	140	315	190	420
100	244	165	395	275	640
150	344	215	555	450	1075
200	444	265	710	620	1515

Length of chain (L)

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

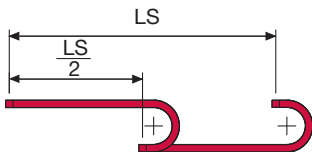
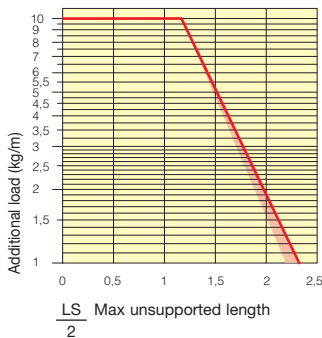
plus length of curve (M) or (M1)

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



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

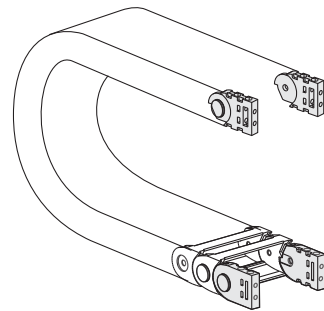


Fig. A
The chain can be fixed frontally, inner or outer radius. (Fig A)

Bright Zinc Plated Steel Type***

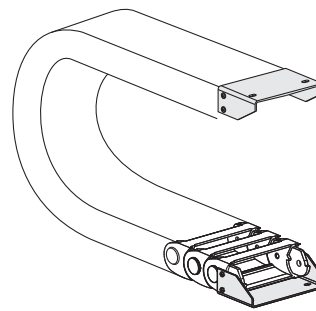
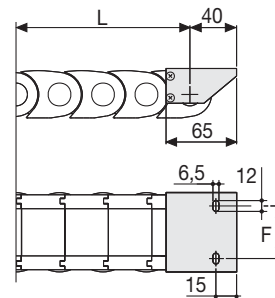
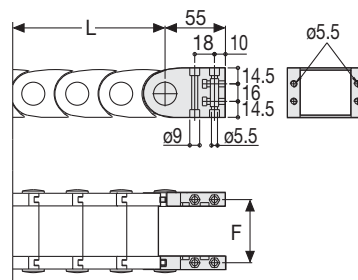


Fig. B
Chain fixed outside the radius. (Fig B)
See end brackets mounting variations page 31.



Chain Type	F mm
355 C=45	57
355 C=65	77
355 C=95	107

Nylon Type Part Numbers

Complete Set Assembled Chain Type	End Brackets Set
355 C=45	AN355KM
355 C=65	AN355KM
355 C=95	AN355KM

Complete Set Unassembled Chain Type	End Brackets Set
355 C=45	AN355K
355 C=65	AN355K
355 C=95	AN355K

Chain Type	F mm
355 C=45	50
355 C=65	70
355 C=95	100

Bright Zinc Plated Steel Type Part Numbers

Complete Set Assembled Chain Type	End Brackets Set
355 C=45	AP355K□**
355 C=65	AM355K□**
355 C=95	AG355K□**

Complete Set Unassembled Chain Type	End Brackets Set
355 C=45	AP355K□**
355 C=65	AM355K□**
355 C=95	AG355K□**

** 1=Pos.1; 2=Pos.2; 3=Pos.3

*** Available on request in stainless steel

Serie Medium

355 Nylon Cable Chain



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

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



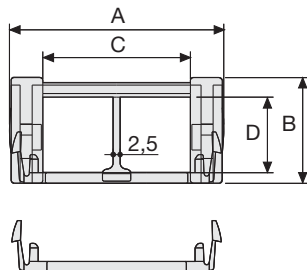
For further information please consult Brevetti Stendalto's Technical Office

Serie Medium

400 Nylon Cable Chain with removable frames

Inner height (D) 25 mm

Double share single link joining construction with large anti-friction single-pin. Frames removable from inner radius. Vertical separators are available. Wide frames on outer radius offer good protection. Due to its design with double-share lateral side, the chain is very robust, meanwhile offering very low friction.



Separator

- Unassembled	Part.no S400
- Assembled	Part.no S400MC

Pin

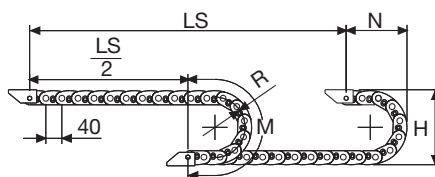
Part.no PG305

Technical characteristics when self-supported

Speed	10 m/s
Acceleration	50 m/s ²

For higher requirements please consult our technical dept.

A mm	B mm	C mm	D mm	R mm	Weight/m kg	Chain Part Number
62	35	40	25	50	1,10	400040
62	35	40	25	75	1,10	400041
62	35	40	25	100	1,10	400042
62	35	40	25	150	1,10	400043
82	35	60	25	50	1,25	400060
82	35	60	25	75	1,25	400061
82	35	60	25	100	1,25	400062
82	35	60	25	150	1,25	400063



R mm	H mm	N mm	M mm
50	138	110	240
75	188	135	315
100	238	160	395
150	338	210	555

Length of chain (L)

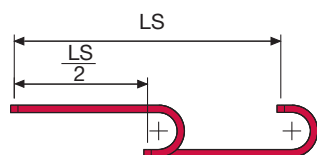
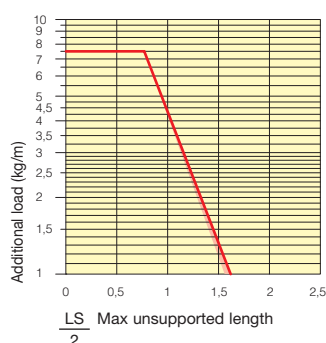
Half travel distance ($\frac{LS}{2}$)
plus length of curve (M)

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



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

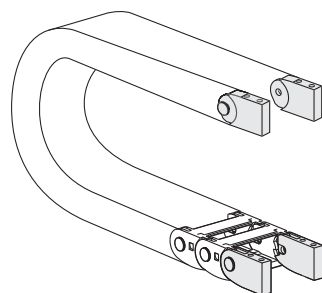


Fig. A
Chain fixed outside/inside the radius. (Fig A)

Bright Zinc Plated Steel Type***

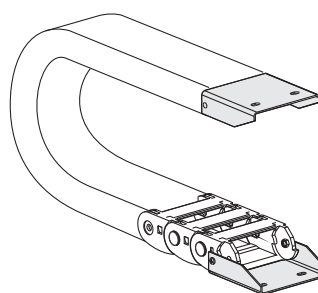
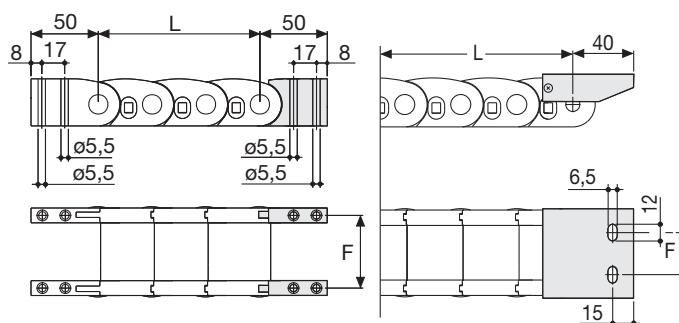


Fig. B
Chain fixed outside the radius. (Fig B)
See end brackets mounting variations page 31.



Chain Type	F mm
400 C=40	50
400 C=60	70

Chain Type	F mm
400 C=40	30
400 C=60	50

Nylon Type Part Numbers

Complete Set Assembled Chain Type	End Brackets Set
400 C=40	AN400KM
400 C=60	AN400KM

Complete Set Unassembled Chain Type	End Brackets Set
400 C=40	AN400K
400 C=60	AN400K

Bright Zinc Plated Steel Type Part Numbers

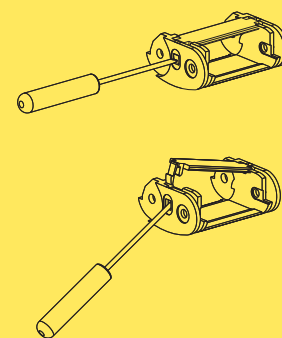
Complete Set Assembled Chain Type	End Brackets Set
400 C=40	AP400KM1
400 C=60	AG400KM1

Complete Set Unassembled Chain Type	End Brackets Set
400 C=40	AP400K1
400 C=60	AG400K1

*** Available on request in stainless steel

Serie Medium

400 Nylon Cable Chain with removable frames



How to open the cover.

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



For further information please consult Brevetti Stendalto's Technical Office

Serie Medium

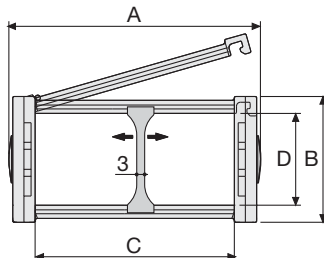
435MI/435ME

Nylon Cable Chain

with opening frames

Inner height (D) 35 mm

Sideband & Frame construction with large anti-friction single-pin.
Frames opening from inner radius (435MI) or from outer radius (435ME).
Vertical separators are available.
This standard 35 mm chain offers very high load capacities, despite its compact construction.



Separator

- Unassembled	Part.no S4353
- Assembled	Part.no S4353MC

Pin

Part.no PG4353

Technical characteristics when self-supported

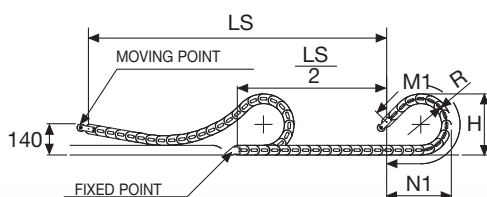
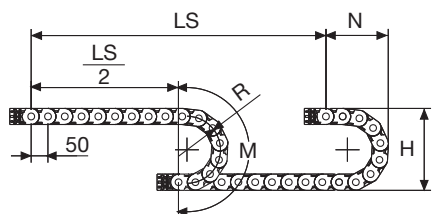
Speed	10 m/s
Acceleration	50 m/s ²

For higher requirements please consult our technical dept.

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

A	B	C	D	R	Weight/m	Chain
mm	mm	mm	mm	mm	kg	Part Number
60	49	40	35	060-075-100-125-150-200	1,10	435MI(ME)040□□□*
70	49	50	35	060-075-100-125-150-200	1,15	435MI(ME)050□□□*
80	49	60	35	060-075-100-125-150-200	1,20	435MI(ME)060□□□*
96	49	76	35	060-075-100-125-150-200	1,30	435MI(ME)076□□□*
117	49	97	35	060-075-100-125-150-200	1,35	435MI(ME)097□□□*
123	49	103	35	060-075-100-125-150-200	1,45	435MI(ME)103□□□*
145	49	125	35	060-075-100-125-150-200	1,55	435MI(ME)125□□□*
170	49	150	35	060-075-100-125-150-200	1,70	435MI(ME)150□□□*

*Complete the code by inserting the value of the radius (R): Ex. 435MI(ME)040 □ □ □ □



Length of chain (L)

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

plus length of curve (M) or (M1)

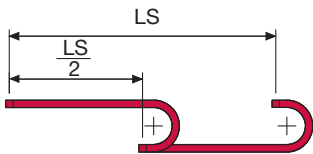
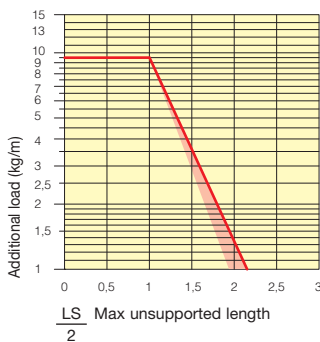
$$L = \frac{LS}{2} + M \text{ or } M1$$

R	H	N	M	N1	M1
mm	mm	mm	mm	mm	mm
060	169	135	290	165	345
075	199	155	340	190	420
100	249	175	415	230	530
125	299	200	495	320	750
150	349	230	575	405	970
200	449	275	730	580	1405



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. Set complete with tiewrap clamps available on request.

Nylon Type

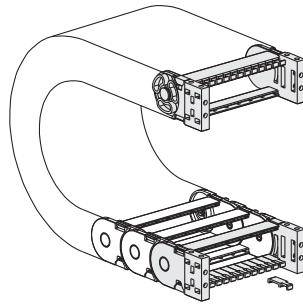
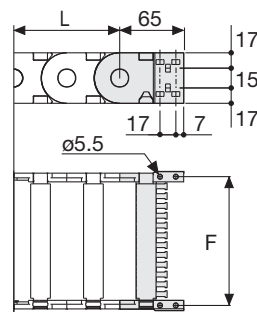


Fig. A
The chain can be fixed frontally, inner or outer radius. (Fig A)



Chain Type	F mm
435MI(ME)040	51
435MI(ME)050	61
435MI(ME)060	71
435MI(ME)076	87
435MI(ME)097	108
435MI(ME)103	114
435MI(ME)125	136
435MI(ME)150	161

Nylon Type Part Numbers

Complete Set Assembled
AN435M□□□*KM

Complete Set Unassembled
AN435M□□□*K

Tiewrap Clamp Part Numbers

Complete Set Assembled
CFC435M□□□*KM

Complete Set Unassembled
CFC435M□□□*K

Nylon Type

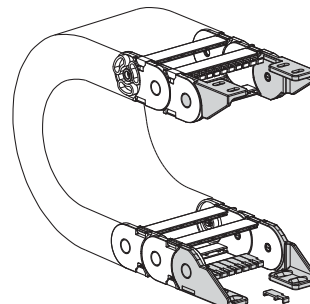
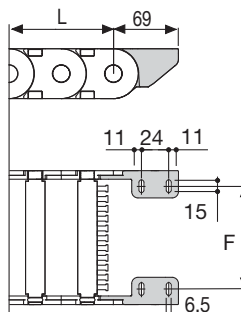


Fig. B
Chain fixed outside the radius. (Fig B)
See end brackets mounting variations page 31.



Chain Type	F mm
435MI(ME)040	26,5
435MI(ME)050	36,5
435MI(ME)060	46,5
435MI(ME)076	62,5
435MI(ME)097	83,5
435MI(ME)103	89,5
435MI(ME)125	111,5
435MI(ME)150	136,5

Nylon Type Part Numbers

Complete Set Assembled
AN435KM□****

Complete Set Unassembled
AN435K□****

Tiewrap Clamp Part Numbers

Complete Set Assembled
CFC435M□□□*KM

Complete Set Unassembled
CFC435M□□□*K

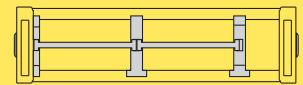
****1=Pos.1; 2=Pos.2; 3=Pos.3
5=Pos.5; 6=Pos.6

Serie Medium

435MI

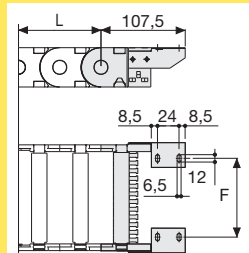
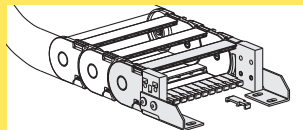
435ME

Nylon Cable Chain
with opening frames



Separation System
To choose the separators see
page. 188

Bright Zinc Plated Steel Type***



F = A-30

Bright Zinc Plated Steel Type Part Numbers

Complete Set Assembled
A435M□□□*KM□**

Complete Set Unassembled
A435M□□□*K□**

Tiewrap Clamp Part Numbers

Complete Set Assembled
CFC435M□□□*KM

Complete Set Unassembled
CFC435M□□□*K

* Inner width (C)

** 1=Pos.1; 2=Pos.2; 3=Pos.3

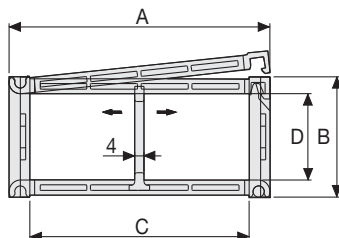
*** Available on request in stainless steel

Serie Medium

445MI/445ME Nylon Cable Chain with opening frames

Inner height (D) 45 mm

Sideband & Frame construction with large anti-friction single-pin. Frames opening from inner radius (445MI) or from outer radius (445ME). Vertical and horizontal modular separator system is available. This standard 45mm chain offers very high load capacities, despite its compact construction.



Separator

- Unassembled	Part.no S445UF
- Assembled	Part.no S445UFMC

Strong-hold separator

for C > 200 mm

- Unassembled	Part.no S445SH
- Assembled	Part.no S445SHMC

Pin

Part.no PG445

Technical characteristics when self-supported

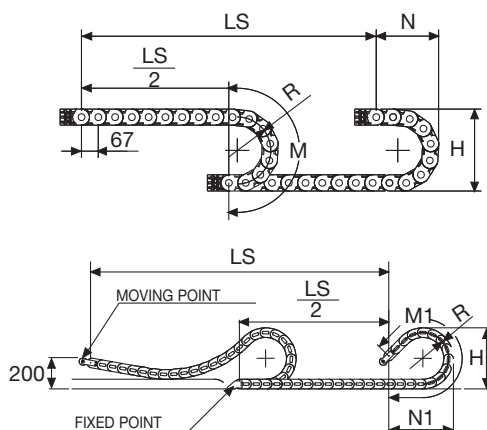
Speed	10 m/s
Acceleration	50 m/s ²

For higher requirements please consult our technical dept.

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

A	B	C	D	R	Weight/m	Chain
mm	mm	mm	mm	mm	kg	Part Number
72	64	50	45	075-100-125-150-175-200-250-300	1,64	445MI(ME)050□□□*
83	64	61	45	075-100-125-150-175-200-250-300	1,64	445MI(ME)061□□□*
97	64	75	45	075-100-125-150-175-200-250-300	1,76	445MI(ME)075□□□*
103	64	81	45	075-100-125-150-175-200-250-300	1,79	445MI(ME)081□□□*
117	64	95	45	075-100-125-150-175-200-250-300	1,86	445MI(ME)095□□□*
122	64	100	45	075-100-125-150-175-200-250-300	1,87	445MI(ME)100□□□*
129	64	107	45	075-100-125-150-175-200-250-300	1,90	445MI(ME)107□□□*
139	64	117	45	075-100-125-150-175-200-250-300	1,93	445MI(ME)117□□□*
147	64	125	45	075-100-125-150-175-200-250-300	2,01	445MI(ME)125□□□*
158	64	136	45	075-100-125-150-175-200-250-300	2,07	445MI(ME)136□□□*
172	64	150	45	075-100-125-150-175-200-250-300	2,13	445MI(ME)150□□□*
197	64	175	45	075-100-125-150-175-200-250-300	2,25	445MI(ME)175□□□*
222	64	200	45	075-100-125-150-175-200-250-300	2,39	445MI(ME)200□□□*
233	64	211	45	075-100-125-150-175-200-250-300	2,44	445MI(ME)211□□□*
247	64	225	45	075-100-125-150-175-200-250-300	2,52	445MI(ME)225□□□*
274	64	252	45	075-100-125-150-175-200-250-300	2,66	445MI(ME)252□□□*
283	64	261	45	075-100-125-150-175-200-250-300	2,70	445MI(ME)261□□□*
334	64	312	45	075-100-125-150-175-200-250-300	2,92	445MI(ME)312□□□*
356	64	334	45	075-100-125-150-175-200-250-300	3,05	445MI(ME)334□□□*
384	64	362	45	075-100-125-150-175-200-250-300	3,18	445MI(ME)362□□□*

*Complete the code by inserting the value of the radius (R): Ex. 445MI(ME)050 □ □ □ □



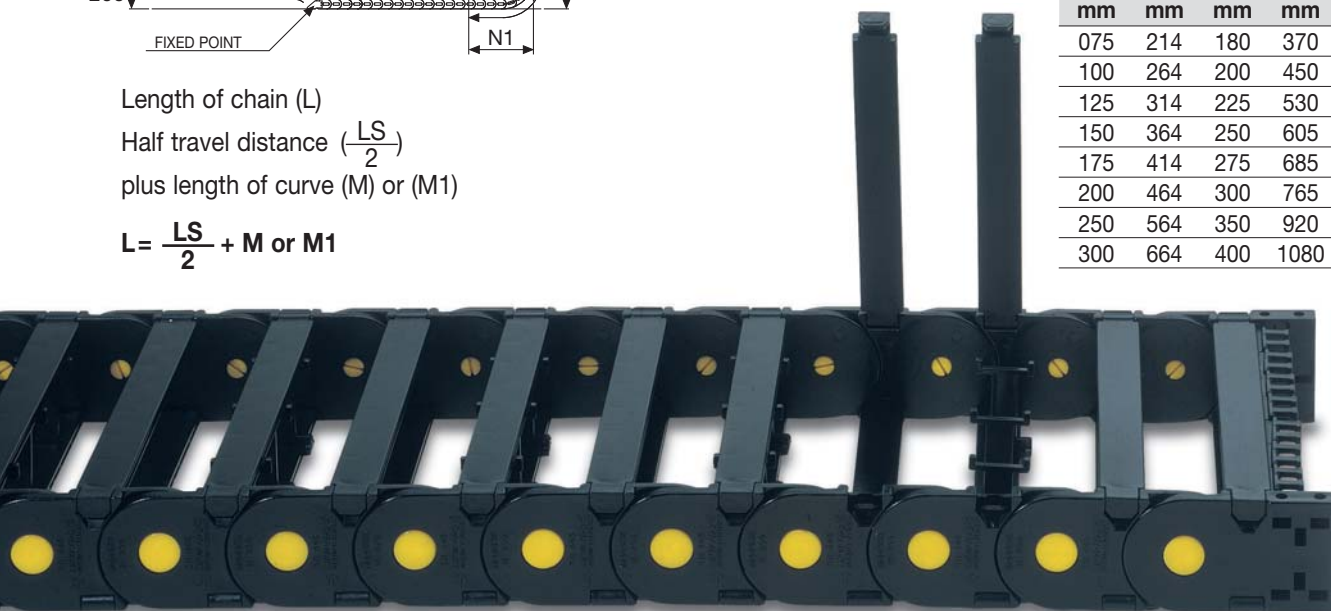
Length of chain (L)

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

plus length of curve (M) or (M1)

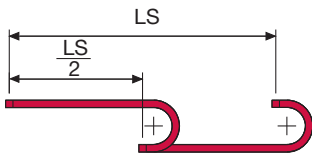
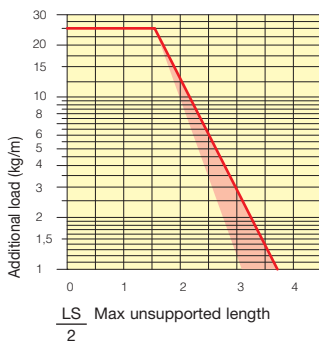
$$L = \frac{LS}{2} + M \text{ or } M1$$

R	H	N	M	N1	M1
mm	mm	mm	mm	mm	mm
075	214	180	370	205	425
100	264	200	450	230	505
125	314	225	530	285	655
150	364	250	605	375	875
175	414	275	685	460	1085
200	464	300	765	550	1310
250	564	350	920	725	1750
300	664	400	1080	895	2185



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. Set complete with tiewrap clamps available on request.

Nylon Type

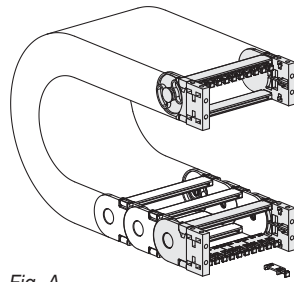
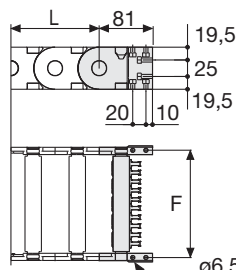


Fig. A
The chain can be fixed frontally, inner or outer radius. (Fig A)



Chain Type	F mm
445MI(ME)050	63
445MI(ME)061	74
445MI(ME)075	88
445MI(ME)081	94
445MI(ME)095	108
445MI(ME)100	113
445MI(ME)107	120
445MI(ME)117	130
445MI(ME)125	138
445MI(ME)136	149
445MI(ME)150	163
445MI(ME)175	188
445MI(ME)200	213
445MI(ME)211	224
445MI(ME)225	238
445MI(ME)252	265
445MI(ME)261	274
445MI(ME)312	325
445MI(ME)334	347
445MI(ME)362	375

Nylon Type Part Numbers

Complete Set Assembled
AN445M□□□*KM

Complete Set Unassembled
AN445M□□□*K

Tiewrap Clamp Part Numbers

Complete Set Assembled
CFC445M□□□*KM

Complete Set Unassembled
CFC445M□□□*K

Nylon Type

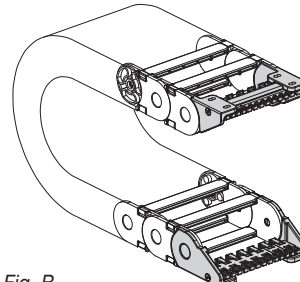
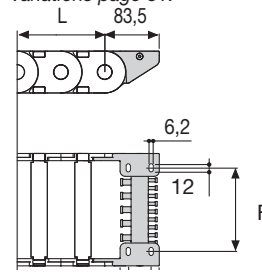


Fig. B
Chain fixed outside the radius. (Fig B)
See end brackets mounting variations page 31.



Chain Type	F mm
445MI(ME)050	28
445MI(ME)061	39
445MI(ME)075	53
445MI(ME)081	59
445MI(ME)095	73
445MI(ME)100	78
445MI(ME)107	85
445MI(ME)117	95
445MI(ME)125	103
445MI(ME)136	114
445MI(ME)150	128
445MI(ME)175	153
445MI(ME)200	178
445MI(ME)211	189
445MI(ME)225	203
445MI(ME)252	230
445MI(ME)261	239
445MI(ME)312	290
445MI(ME)334	312
445MI(ME)362	340

Nylon Type Part Numbers

Complete Set Assembled
AN445KM□****

Complete Set Unassembled
AN445K□****

Tiewrap Clamp Part Numbers

Complete Set Assembled
SFCT445□□□*KM

Complete Set Unassembled
SFCT445□□□*K

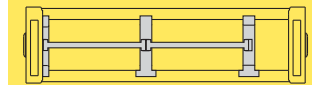
****1=Pos.1; 2=Pos.2; 3=Pos.3
5=Pos.5; 6=Pos.6

Serie Medium

445MI

445ME

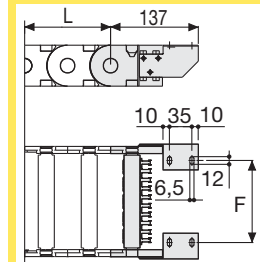
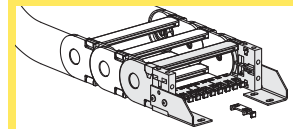
Nylon Cable Chain
with opening frames



Separation System

To choose the separators see page. 188

Bright Zinc Plated Steel Type***



F = A-44

Bright Zinc Plated Steel Type Part Numbers

Complete Set Assembled
A445M□□□*KM□**

Complete Set Unassembled
A445M□□□*K□**

Tiewrap Clamp Part Numbers

Complete Set Assembled
CFC445M□□□*KM

Complete Set Unassembled
CFC445M□□□*K

* Inner width (C)

** 1=Pos.1; 2=Pos.2; 3=Pos.3

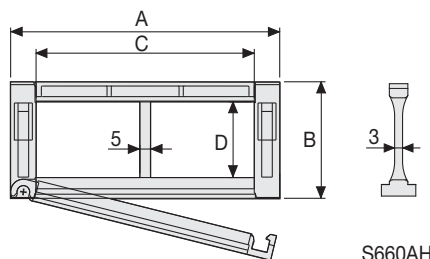
*** Available on request in stainless steel

Serie Medium

660A Nylon Cable Chain with opening frames

Inner height (D) 37 mm

Double share Sideband & Frame construction with large anti-friction single-pin. Frames opening from inner radius. As standard the chain comes with frames every second link, on request with frames every link. Vertical and horizontal modular separator system is available.



Separator

- Unassembled	Part.no S660A
- Assembled	Part.no S660AMC

Strong-hold separator

for C > 200 mm

- Unassembled	Part.no S660AH
- Assembled	Part.no S660AHMC

Pin

Part.no PG660

Technical characteristics when self-supported

Speed	6 m/s
Acceleration	30 m/s ²

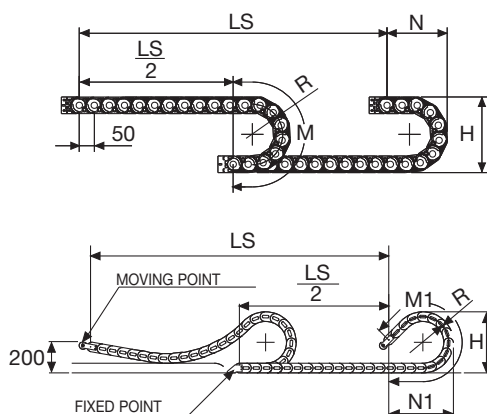
For higher requirements please consult our technical dept.

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

A mm	B mm	C mm	D mm	R mm	Weight/m kg	Chain Part Number
75	55	50	37	100-150-200-250	1,51	660A050□□□*
86	55	61	37	100-150-200-250	1,51	660A061□□□*
100	55	75	37	100-150-200-250	1,59	660A075□□□*
106	55	81	37	100-150-200-250	1,61	660A081□□□*
120	55	95	37	100-150-200-250	1,66	660A095□□□*
125	55	100	37	100-150-200-250	1,66	660A100□□□*
132	55	107	37	100-150-200-250	1,69	660A107□□□*
142	55	117	37	100-150-200-250	1,71	660A117□□□*
150	55	125	37	100-150-200-250	1,76	660A125□□□*
161	55	136	37	100-150-200-250	1,80	660A136□□□*
175	55	150	37	100-150-200-250	1,84	660A150□□□*
200	55	175	37	100-150-200-250	1,93	660A175□□□*
225	55	200	37	100-150-200-250	2,02	660A200□□□*
236	55	211	37	100-150-200-250	2,06	660A211□□□*
250	55	225	37	100-150-200-250	2,11	660A225□□□*
277	55	252	37	100-150-200-250	2,21	660A252□□□*
286	55	261	37	100-150-200-250	2,24	660A261□□□*
337	55	312	37	100-150-200-250	2,43	660A312□□□*
359	55	334	37	100-150-200-250	2,52	660A334□□□*
387	55	362	37	100-150-200-250	2,61	660A362□□□*

*Complete the code by inserting the value of the radius (R): Ex. 660A050 □ □ □ □

Chain equipped with nylon frame every pitch: complete the code by inserting the letter D.
Ex. 660A050150 □



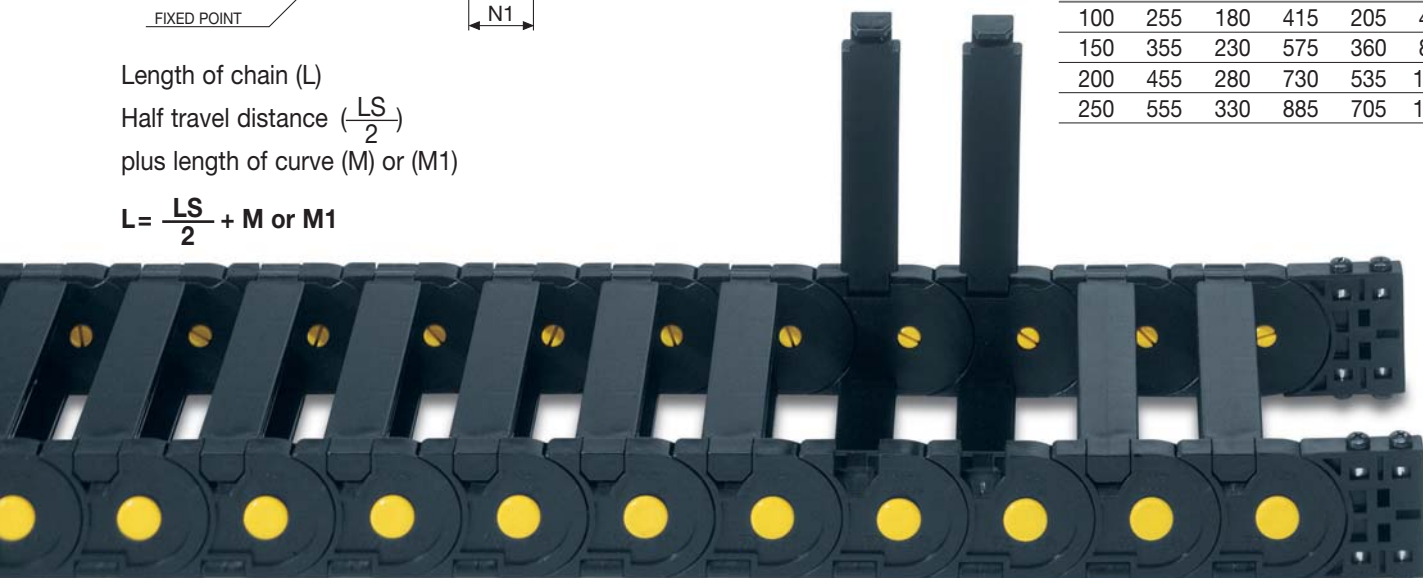
Length of chain (L)

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

plus length of curve (M) or (M1)

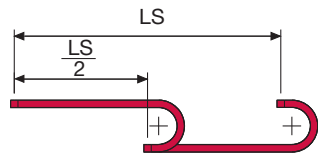
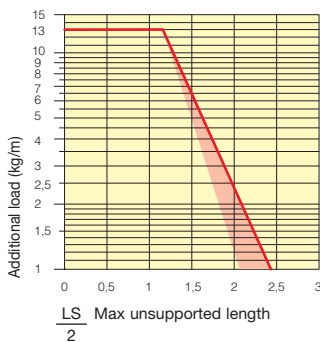
$$L = \frac{LS}{2} + M \text{ or } M1$$

R mm	H mm	N mm	M mm	N1 mm	M1 mm
100	255	180	415	205	470
150	355	230	575	360	855
200	455	280	730	535	1290
250	555	330	885	705	1730



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 nylon 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

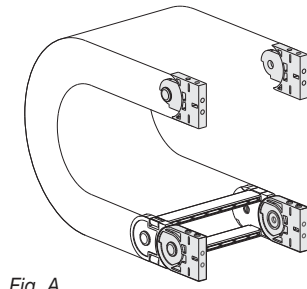
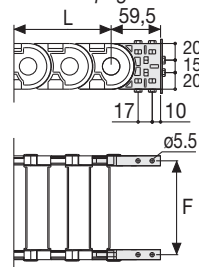


Fig. A
The chain can be fixed frontally, inner or outer radius. (Fig A) See end brackets mounting variations page 31.



Chain Type	F mm
660A050	61
660A061	72
660A075	86
660A081	92
660A095	106
660A100	111
660A107	118
660A117	128
660A125	136
660A136	147
660A150	161
660A175	186
660A200	211
660A211	222
660A225	236
660A252	263
660A261	272
660A312	323
660A334	345
660A362	373

Nylon Type Part Numbers

Complete Set Assembled	End Brackets
Type	Set
660A...	AN660AKM

Complete Set Unassembled	End Brackets
Type	Set
660A...	AN660AK

Tiewrap Clamp
Assembl. CFC660A ☐ ☐ ☐ *KM
Unassembl. CFC660A ☐ ☐ ☐ *K

Bright Zinc Plated Steel Type***

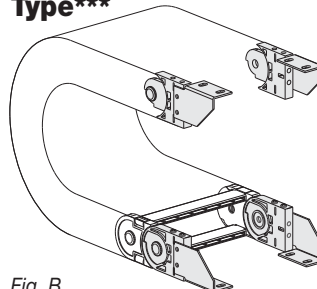
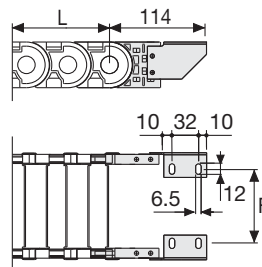


Fig. B
Chain fixed outside the radius. (Fig B) See end brackets mounting variations page 31.



Chain Type	F mm
660A050	38
660A061	49
660A075	63
660A081	69
660A095	83
660A100	88
660A107	95
660A117	105
660A125	113
660A136	124
660A150	138
660A175	163
660A200	188
660A211	199
660A225	213
660A252	240
660A261	249
660A312	300
660A334	333
660A362	350

Bright Zinc Plated Steel Type Part Numbers

Complete Set Assembled	End Brackets
Type	Set
660A...	A660AKM ☐ **

Complete Set Unassembled	End Brackets
Type	Set
660A...	A660AK ☐ **

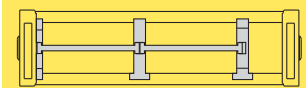
Tiewrap Clamp
Assembl. CFC660A ☐ ☐ ☐ *KM
Unassembl. CFC660A ☐ ☐ ☐ *K

* Inner width (C)
** 1=Pos.1; 2=Pos.2; 3=Pos.3
*** Available on request in stainless steel

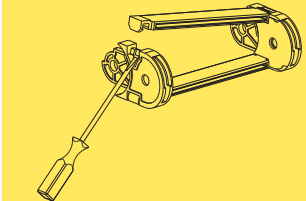
Serie Medium

660A

Nylon Cable Chain
with opening frames



Separation System
To choose the separators see page 188



How to open the cover.



Suitable to long travel distance
in frame every pitch version.
To choose the guide channel
see page 170

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



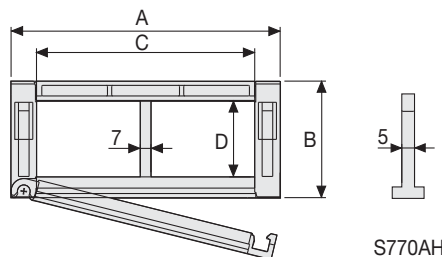
For further information please
consult Brevetti Stendalto's
Technical Office

Serie Medium

770A Nylon Cable Chain with opening frames

Inner height (D) 60 mm

Double share Sideband & Frame construction with large anti-friction single-pin. Frames opening from inner radius. As standard the chain comes with frames every second link, on request with frames every link. Vertical and horizontal modular separator system is available.



Separator

- Unassembled	Part.no S770A
- Assembled	Part.no S770AMC

Strong-hold separator

for C > 200 mm

- Unassembled	Part.no S770AH
- Assembled	Part.no S770AHMC

Pin

Part.no PG770

Technical characteristics when self-supported

Speed	6 m/s
Acceleration	30 m/s ²

For higher requirements please consult our technical dept.

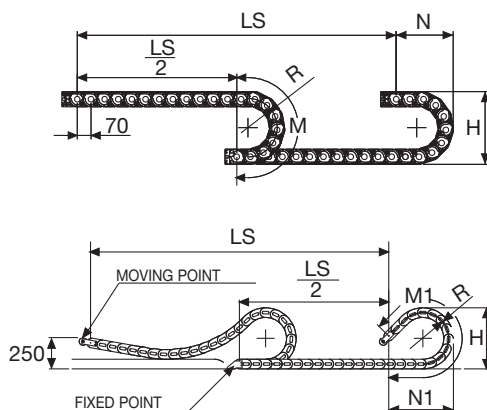
For sliding applications, technical data can slightly change according to frequency, added weight and environment.

A mm	B mm	C mm	D mm	R mm	Weight/m kg	Chain Part Number
80	78	45	60	130-150-200-250-300	2,25	770A045□□□*
91	78	56	60	130-150-200-250-300	2,25	770A056□□□*
105	78	70	60	130-150-200-250-300	2,31	770A070□□□*
111	78	76	60	130-150-200-250-300	2,32	770A076□□□*
125	78	90	60	130-150-200-250-300	2,36	770A090□□□*
130	78	95	60	130-150-200-250-300	2,36	770A095□□□*
137	78	102	60	130-150-200-250-300	2,38	770A102□□□*
147	78	112	60	130-150-200-250-300	2,39	770A112□□□*
155	78	120	60	130-150-200-250-300	2,43	770A120□□□*
166	78	131	60	130-150-200-250-300	2,46	770A131□□□*
180	78	145	60	130-150-200-250-300	2,49	770A145□□□*
205	78	170	60	130-150-200-250-300	2,55	770A170□□□*
230	78	195	60	130-150-200-250-300	2,62	770A195□□□*
241	78	206	60	130-150-200-250-300	2,65	770A206□□□*
255	78	220	60	130-150-200-250-300	2,68	770A220□□□*
282	78	247	60	130-150-200-250-300	2,75	770A247□□□*
291	78	256	60	130-150-200-250-300	2,77	770A256□□□*
342	78	307	60	130-150-200-250-300	2,88	770A307□□□*
364	78	329	60	130-150-200-250-300	2,94	770A329□□□*
392	78	357	60	130-150-200-250-300	3,01	770A357□□□*

*Complete the code by inserting the value of the radius (R): Ex. 770A045 □ □ □ □

Chain equipped with nylon frame every pitch: complete the code by inserting the letter D.
Ex. 770A045150 □

R mm	H mm	N mm	M mm	N1 mm	M1 mm
130	338	240	555	305	685
150	378	260	615	340	785
200	478	310	770	515	1220
250	578	365	930	690	1660
300	678	410	1085	865	2095



Length of chain (L)

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

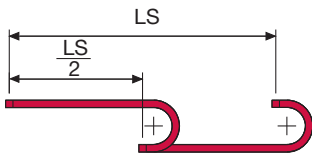
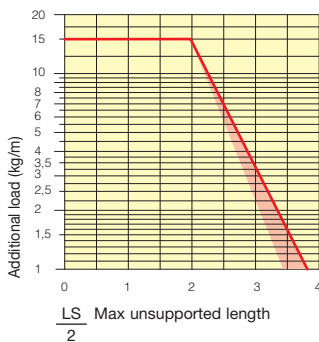
plus length of curve (M) or (M1)

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



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 chains assembled with nylon 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

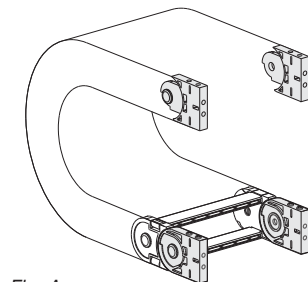
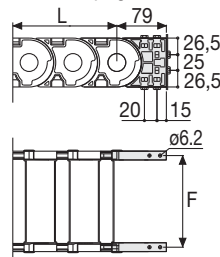


Fig. A
The chain can be fixed frontally, inner or outer radius. (Fig A) See end brackets mounting variations page 31.



Chain Type	F mm
770A045	61
770A056	72
770A070	86
770A076	92
770A090	106
770A095	111
770A102	118
770A112	128
770A120	136
770A131	147
770A145	161
770A170	186
770A195	211
770A206	222
770A220	236
770A247	263
770A256	272
770A307	323
770A329	345
770A357	373

Nylon Type Part Numbers

Complete Set Assembled	End Brackets
Type	Set
770A...	AN770AKM

Complete Set Unassembled	End Brackets
Type	Set
770A...	AN770AK

Tiewrap Clamp
Assembl. CFC770A □□□*KM
Unassembl. CFC770A □□□*K

Bright Zinc Plated Steel Type***

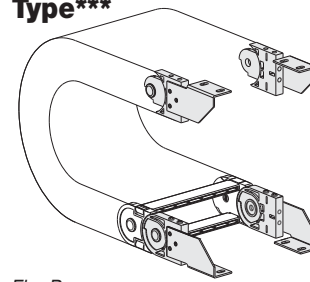
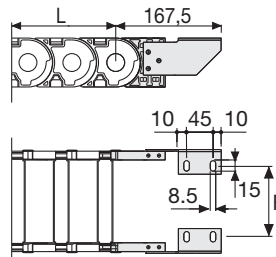


Fig. B
Chain fixed outside the radius. (Fig B) See end brackets mounting variations page 31.



Chain Type	F mm
770A045	19
770A056	30
770A070	44
770A076	50
770A090	64
770A095	69
770A102	76
770A112	86
770A120	94
770A131	105
770A145	119
770A170	144
770A195	169
770A206	180
770A220	194
770A247	221
770A256	230
770A307	281
770A329	303
770A357	331

Bright Zinc Plated Steel Type Part Numbers

Complete Set Assembled	End Brackets
Type	Set
770A...	A770AKM □**

Complete Set Unassembled	End Brackets
Type	Set
770A...	A770AK □**

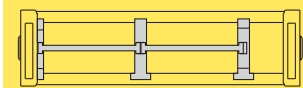
Tiewrap Clamp
Assembl. CFC770A □□□*KM
Unassembl. CFC770A □□□*K

* Inner width (C)
** 1=Pos.1; 2=Pos.2; 3=Pos.3
*** Available on request in stainless steel

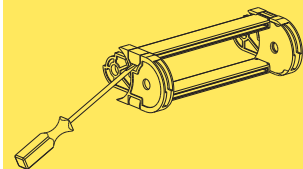
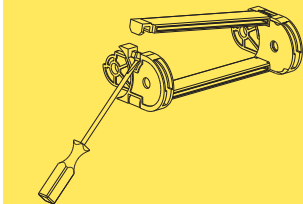
Serie Medium

770A

Nylon Cable Chain with opening frames



Separation System
To choose the separators see page. 188



How to open the cover.



Suitable to long travel distance in frame every pitch version.
To choose the guide channel see page 170

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



For further information please consult Brevetti Stendalto's Technical Office

Serie Medium

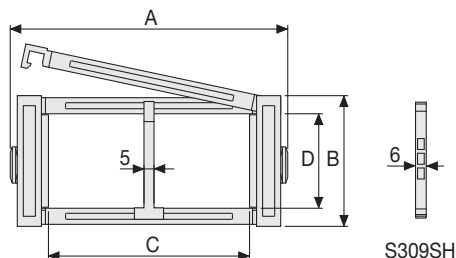
475MI/475ME

Nylon Cable Chain

with opening frames

Inner height (D) 75,5 mm

Sideband & Frame construction with large anti-friction single-pin. Frames are opening from inner radius (475MI) or from outer radius (475ME). Vertical and horizontal modular separator system is available.



Separator

- Unassembled Part.no S309S
- Assembled Part.no S309SMC

Strong-hold separator

for C > 250 mm

- Unassembled Part.no S309HOFL
- Assembled Part.no S309HOFLMC

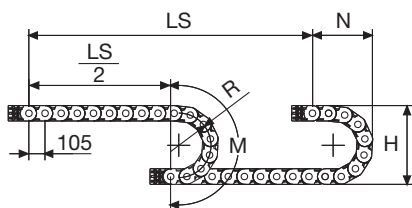
Pin

Part.no PG475

Technical characteristics when self-supported

Speed	8 m/s
Acceleration	40 m/s ²

For higher requirements please consult our technical dept.



Length of chain (L)

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

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

A mm	B mm	C mm	D mm	R mm	Weight/m kg	Chain Part Number
112	100,5	74	75,5	150-180-200-250-300-350-400	3,70	475MI(ME)074□□□*
132	100,5	94	75,5	150-180-200-250-300-350-400	3,80	475MI(ME)094□□□*
157	100,5	119	75,5	150-180-200-250-300-350-400	3,85	475MI(ME)119□□□*
164	100,5	126	75,5	150-180-200-250-300-350-400	3,90	475MI(ME)126□□□*
187	100,5	149	75,5	150-180-200-250-300-350-400	3,95	475MI(ME)149□□□*
227	100,5	189	75,5	150-180-200-250-300-350-400	4,05	475MI(ME)189□□□*
262	100,5	224	75,5	150-180-200-250-300-350-400	4,15	475MI(ME)224□□□*
288	100,5	250	75,5	150-180-200-250-300-350-400	4,25	475MI(ME)250□□□*
312	100,5	274	75,5	150-180-200-250-300-350-400	4,30	475MI(ME)274□□□*
338	100,5	300	75,5	150-180-200-250-300-350-400	4,37	475MI(ME)300□□□*
362	100,5	324	75,5	150-180-200-250-300-350-400	4,45	475MI(ME)324□□□*
388	100,5	350	75,5	150-180-200-250-300-350-400	4,55	475MI(ME)350□□□*
412	100,5	374	75,5	150-180-200-250-300-350-400	4,60	475MI(ME)374□□□*
467	100,5	429	75,5	150-180-200-250-300-350-400	4,80	475MI(ME)429□□□*
536	100,5	498	75,5	150-180-200-250-300-350-400	5,00	475MI(ME)498□□□*

*Complete the code by inserting the value of the radius (R): Ex. 475MI(ME)119 □ □ □ □

Chain equipped with nylon frame every pitch: complete the code by inserting the letter D.

Ex. 475MI(ME)119150 □ □

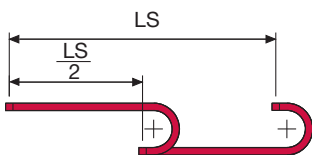
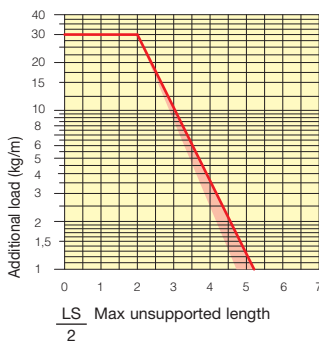
R mm	H mm	N mm	M mm
150	400,5	310	690
180	460,5	335	775
200	500,5	355	840
250	600,5	405	995
300	700,5	460	1155
350	800,5	505	1310
400	900,5	560	1470



Version with frames mounted on every pitch.

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 nylon 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).

Bright Zinc Plated Steel 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.

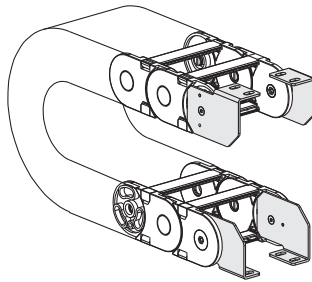
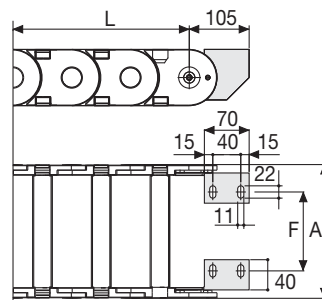


Fig. A
Chain fixed outside the radius. (Fig A)
See end brackets mounting variations page 31.



Chain Type	F mm
475MI(ME)074	35
475MI(ME)094	55
475MI(ME)119	80
475MI(ME)126	87
475MI(ME)149	110
475MI(ME)189	150
475MI(ME)224	185
475MI(ME)250	211
475MI(ME)274	235
475MI(ME)300	261
475MI(ME)324	285
475MI(ME)350	311
475MI(ME)374	335
475MI(ME)429	390
475MI(ME)498	459

Bright Zinc Plated Steel Type Part Numbers

Chain Type	End Brackets Set
475...	A475M□□□*KM□**

Chain Type	End Brackets Set
475...	A475M□□□*K□**

Tiewrap Clamp
Assembl. CFC475M□□□*KM
Unassembl. CFC475M□□□*K

* Inner width (C)

** 1=Pos.1; 2=Pos.2; 3=Pos.3

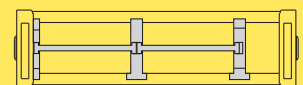
*** Available on request in stainless steel

Serie Medium

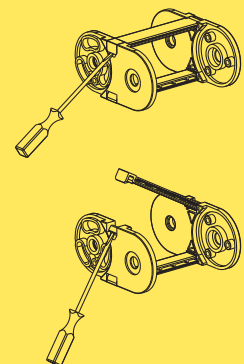
475MI

475ME

Nylon Cable Chain
with opening frames



Separation System
To choose the separators see
page. 188



How to open the cover.

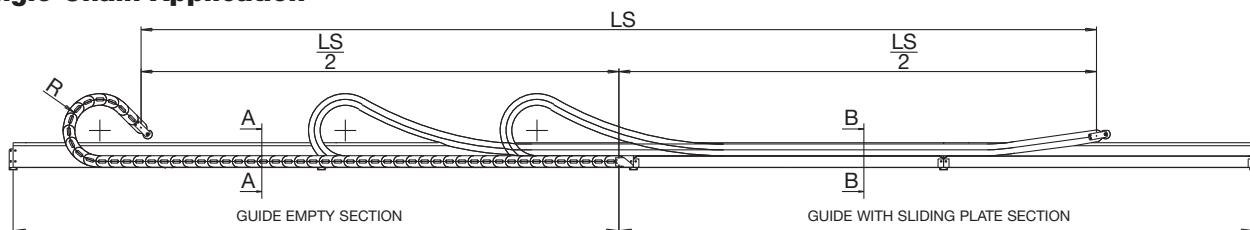
For further information please
consult Brevetti Stendalto's
Technical Office

Serie Medium

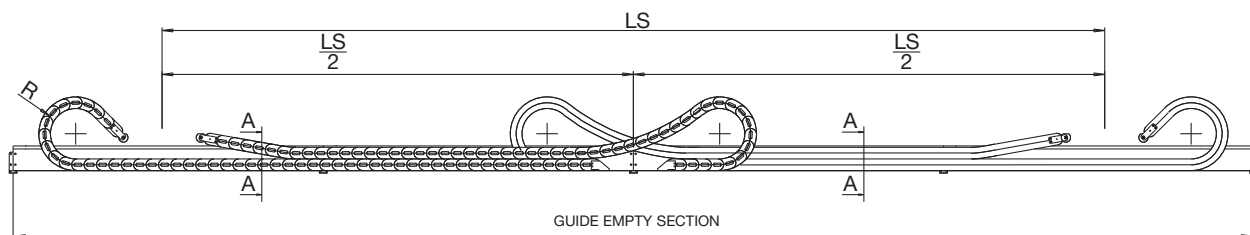
Guide Channel 305-355-435MI-435ME

Special Channel guide allows the use of the chain for long travel distance.
Available in galvanised steel and, on request, in stainless steel

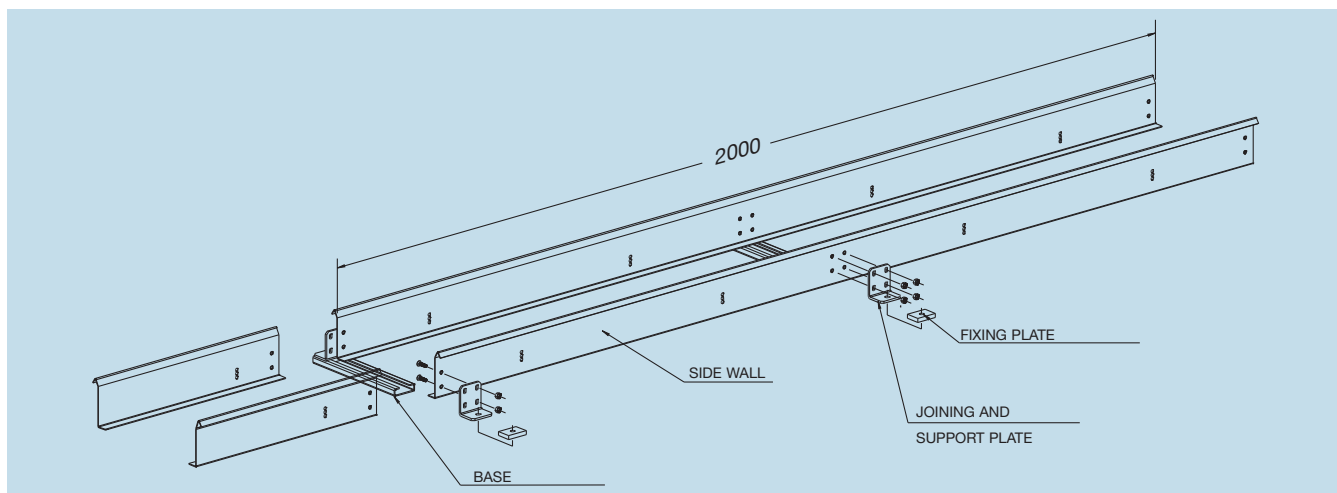
Single Chain Application



Double Chain Application

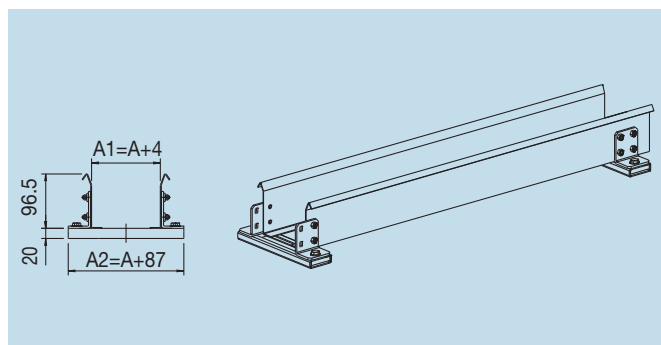


Channel guide is available in kit composed by:
side walls 2 m standard length
joining plates
fixing screws



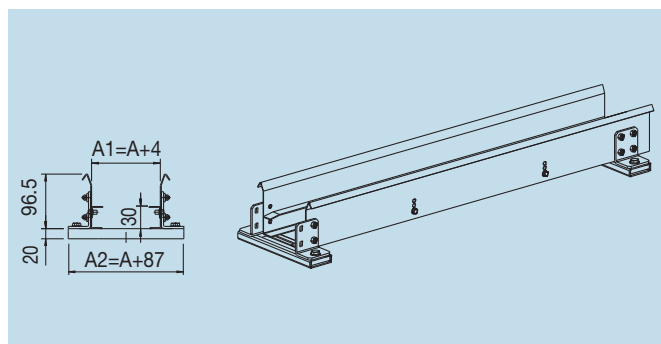
Guide Empty Section 305-355-435

Section A-A



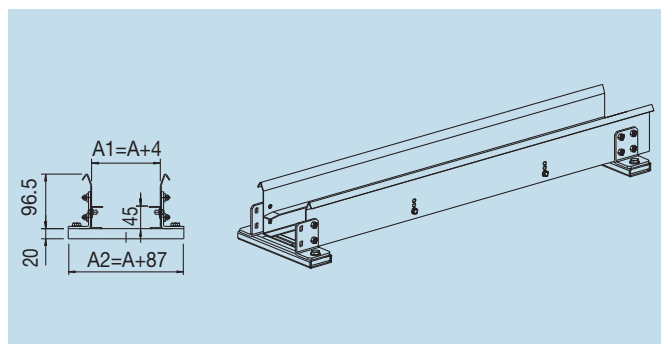
Guide Sliding Plate Section 305

Section B-B



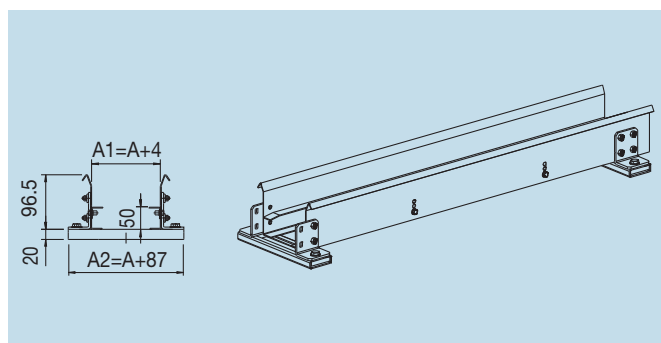
Guide Sliding Plate Section 355

Section B-B



Guide Sliding Plate Section 435

Section B-B



Part Number

CS305...

How to order

Chain part number **305008**

Guide channel
part number **CS305008**

CS355...

How to order

Chain part number **355045**

Guide channel
part number **CS355045**

CS435...

How to order

Chain part number **435050060**

Guide channel
part number **CS435050**

Part Number

CA305...

How to order

Chain part number **305008**

Guide channel
part number **CA305008**

Part Number

CA355...

How to order

Chain part number **355045**

Guide channel
part number **CA355045**

Part Number

CA435...

How to order

Chain part number **435050060**

Guide channel
part number **CA435050**

Serie Medium

3

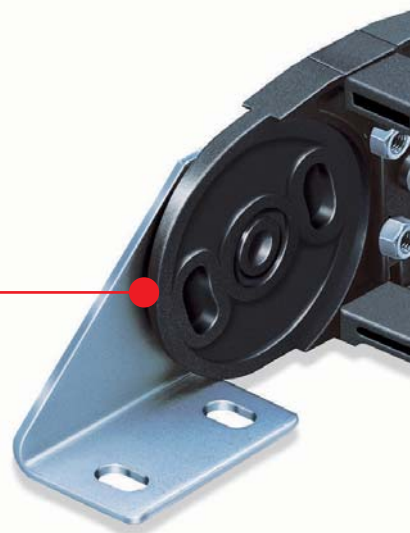
For further information please
consult Brevetti Stendalto's
Technical Office

Nylon Cable Chains Heavy Series

Series 306SU (<i>replace 306SI/SE series</i>)	page 88
Series 306B	page 90
Series 306F	page 92
Series 307SU (<i>replace 307SI/SE series</i>)	page 94
Series 307B	page 96
Series 307E	page 98
Series 308SU (<i>replace 308SI/SE series</i>)	page 100
Series 308B	page 102
Series 308E	page 104
Series 309SU (<i>replace 309SI/SE series</i>)	page 106
Series 309B	page 108
Series 310T	page 110
Horizontal Separation	page 188

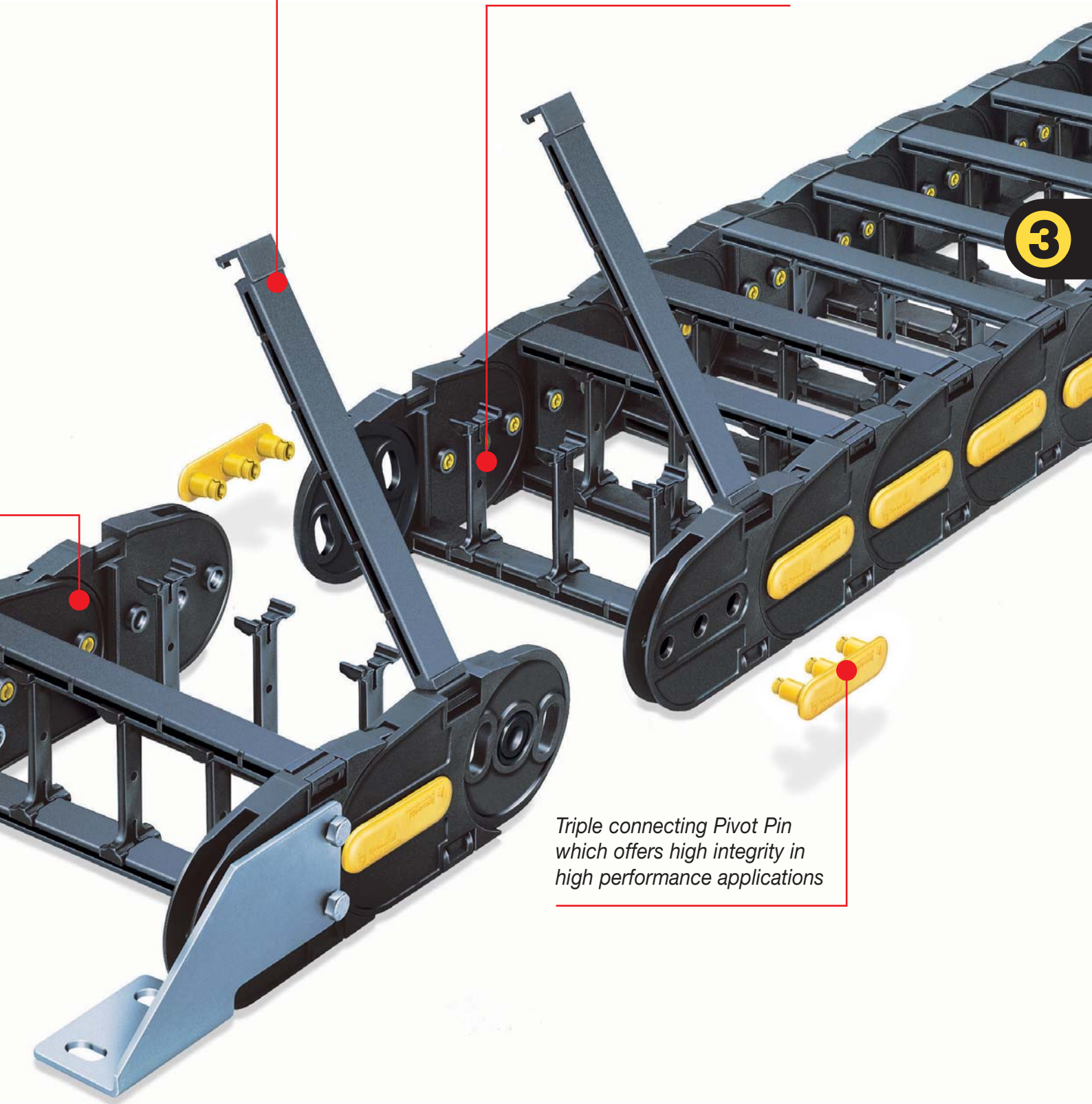
Inner surface of chain completely smooth

Steel or nylon end brackets



Wide range of cross pieces
available in the following types:
Open and close, with a
“Snap-Fit” action
Aluminium Rods
With Pre-Drilled Holes

Nylon separator. Cables can be laid
apart from each other



Triple connecting Pivot Pin
which offers high integrity in
high performance applications

Serie Heavy

306SU

Replace 306SI/SE series

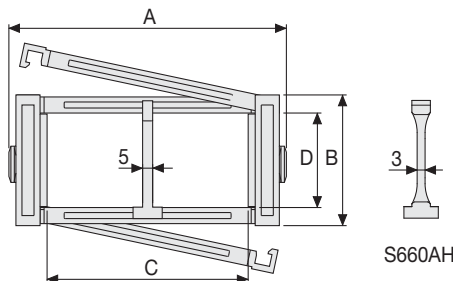
Nylon Cable Chain with opening frames

Inner height (D) 37 mm

Strong double share Sideband & Frame construction with large anti-friction triple-pin. Frames opening from inner and outer radius.

As standard the chain comes with frames every second link, on request with frames every link.

Vertical and horizontal modular separator system is available.



Separator

- Unassembled	Cod. S660A
- Assembled*	Cod. S660AMCI
- Assembled**	Cod. S660AMCE

Strong-hold separator

for C > 250 mm

- Unassembled	Cod. S660AH
- Assembled*	Cod. S660AHMCI
- Assembled**	Cod. S660AHMCE

Pin

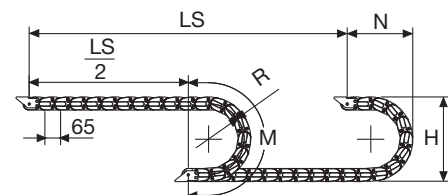
Cod. PG307

* for chain opening outer radius
** for chain opening inner radius

Technical characteristics when self-supported

Speed	8 m/s
Acceleration	40 m/s ²

For higher requirements please consult our technical dept.



Length of chain (L)

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

plus length of curve (M)

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

R	H	N	M
mm	mm	mm	mm
075	208	170	370
107	272	205	470
150	358	245	605
200	458	295	760
250	558	345	920
300	658	395	1075

A	B	C	D	R	Weight/m	Chain
mm	mm	mm	mm	mm	kg	Part Number
79	55	43	37	075-107-150-200-250-300	1,61	306SU043□□□*
90	55	54	37	075-107-150-200-250-300	1,61	306SU054□□□*
104	55	68	37	075-107-150-200-250-300	1,68	306SU068□□□*
110	55	74	37	075-107-150-200-250-300	1,70	306SU074□□□*
124	55	88	37	075-107-150-200-250-300	1,74	306SU088□□□*
129	55	93	37	075-107-150-200-250-300	1,74	306SU093□□□*
136	55	100	37	075-107-150-200-250-300	1,76	306SU100□□□*
146	55	110	37	075-107-150-200-250-300	1,77	306SU110□□□*
154	55	118	37	075-107-150-200-250-300	1,82	306SU118□□□*
165	55	129	37	075-107-150-200-250-300	1,85	306SU129□□□*
179	55	143	37	075-107-150-200-250-300	1,89	306SU143□□□*
204	55	168	37	075-107-150-200-250-300	1,96	306SU168□□□*
229	55	193	37	075-107-150-200-250-300	2,04	306SU193□□□*
240	55	204	37	075-107-150-200-250-300	2,07	306SU204□□□*
254	55	218	37	075-107-150-200-250-300	2,11	306SU218□□□*
281	55	245	37	075-107-150-200-250-300	2,19	306SU245□□□*
290	55	254	37	075-107-150-200-250-300	2,22	306SU254□□□*
341	55	305	37	075-107-150-200-250-300	2,34	306SU305□□□*
363	55	327	37	075-107-150-200-250-300	2,41	306SU327□□□*
391	55	355	37	075-107-150-200-250-300	2,49	306SU355□□□*

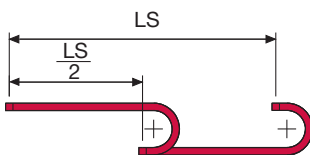
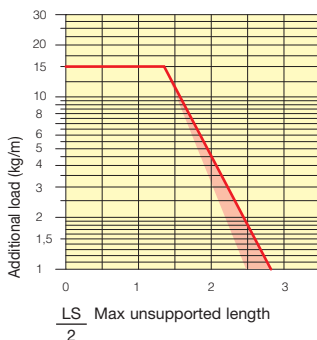
*Complete the code by inserting the value of the radius (R): Ex. 306SU110 □ □ □ □

Chain equipped with nylon frame every pitch: complete the code by inserting the letter D.
Ex. 306SU110150 □



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 nylon 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

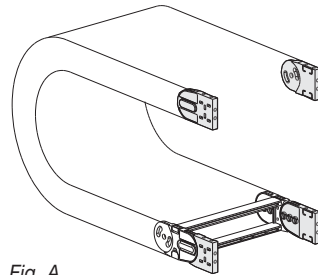


Fig. A
The chain can be fixed frontally, inner or outer radius. (Fig A)

Nylon Type

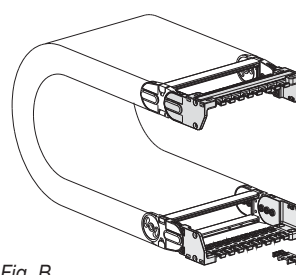
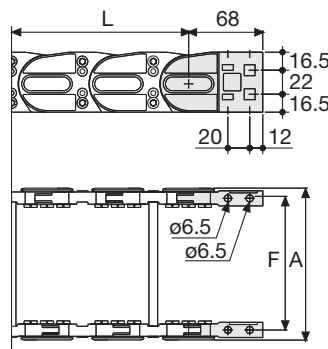


Fig. B
Chain fixed outside the radius. (Fig B)
See end brackets mounting variations page 31.



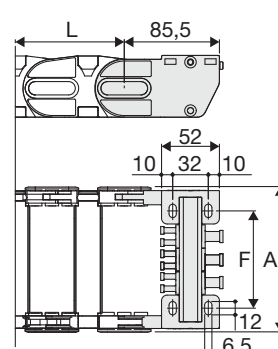
Chain Type	F mm
306SU043	61
306SU054	72
306SU068	86
306SU074	92
306SU088	106
306SU093	111
306SU100	118
306SU110	128
306SU118	136
306SU129	147
306SU143	161
306SU168	186
306SU193	211
306SU204	222
306SU218	236
306SU245	263
306SU254	272
306SU305	323
306SU327	345
306SU355	373

Nylon Type Part Numbers

Complete Set Assembled Chain	End Brackets Set
Type	Set
306SU...	AN306KM

Complete Set Unassembled Chain	End Brackets Set
Type	Set
306SU...	AN306K

Tiewrap Clamp
Assembl. CFC306S □□□ *KM
Unassembl. CFC306S □□□ *K



Chain Type	F mm
306SU043	36
306SU054	47
306SU068	61
306SU074	67
306SU088	81
306SU093	86
306SU100	93
306SU110	103
306SU118	111
306SU129	122
306SU143	136
306SU168	161
306SU193	186
306SU204	197
306SU218	211
306SU245	238
306SU254	247
306SU305	298
306SU327	320
306SU355	348

Nylon Type Part Numbers

Complete Set Assembled Chain	End Brackets Set
Type	Set
306SU...	ANL306KM □ **

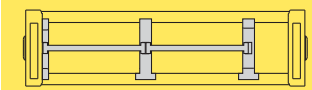
Complete Set Unassembled Chain	End Brackets Set
Type	Set
306SU...	ANL306K □ **

Tiewrap Clamp
Assembl. SFCTL306S □□□ *KM
Unassembl. SFCTL306S □□□ *K

Serie Heavy

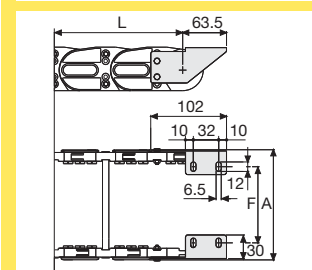
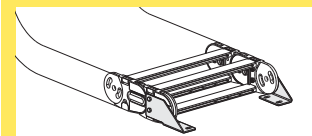
306SU

Nylon Cable Chain with opening frames



Separation System
To choose the separators see page. 188

Bright Zinc Plated Steel Type***



F = A-43

Bright Zinc Plated Steel Type Part Numbers

Complete Set Assembled Chain	End Brackets Set
Type	Set
306SU...	A306SKM □ **

Complete Set Unassembled Chain	End Brackets Set
Type	Set
306SU...	A306SK □ **

Tiewrap Clamp
Assembl. SFCT306S □□□ *KM
Unassembl. SFCT306S □□□ *K

* Inner width (C)

** 1=Pos.1; 2=Pos.2; 3=Pos.3

*** Available on request in stainless steel

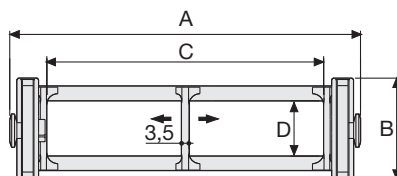
Serie Heavy

306B

Nylon Cable Chain with un-screwable aluminium rods

Inner height (D) 30 mm

Strong double share Sideband & Frame construction with large anti-friction triple-pin. Alu-rod frames are un-screwable from inner and outer radius. As standard the chain comes with frames every second link, on request with frames every link. Vertical and horizontal separator systems are available.



Separator

- Unassembled	Part.no S2000F
- Assembled	Part.no S2000FMC

Pin

Part.no PG307

Technical characteristics when self-supported

Speed	8 m/s
Acceleration	40 m/s ²

For higher requirements please consult our technical dept.

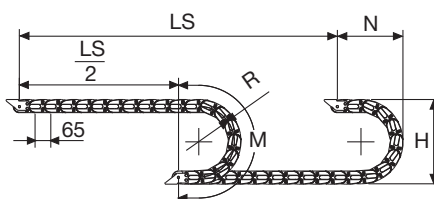
A mm	B mm	C mm	D mm	R mm	Weight/m kg	Chain Part Number
115	55	75	30	075-107-150-200-250-300	1,60	306B075 □*
140	55	100	30	075-107-150-200-250-300	1,65	306B100 □*
190	55	150	30	075-107-150-200-250-300	1,80	306B150 □*
240	55	200	30	075-107-150-200-250-300	1,90	306B200 □*
290	55	250	30	075-107-150-200-250-300	2,00	306B250 □*
340	55	300	30	075-107-150-200-250-300	2,15	306B300 □*
C+40	55	.....	30	075-107-150-200-250-300		306B □□□ □**

*Complete the code by inserting the value of the radius (R): Ex. 306B075 □

Where: 1=075; 2=107; 3=150; 4=200; 5=250; 6=300.

**Complete the code by inserting the value of the quote C and the radius (R): Ex. 306B □ □ □ □ □

Chain equipped with aluminium rods every pitch: complete the code by inserting the letter D.
Ex. 306B0751 □



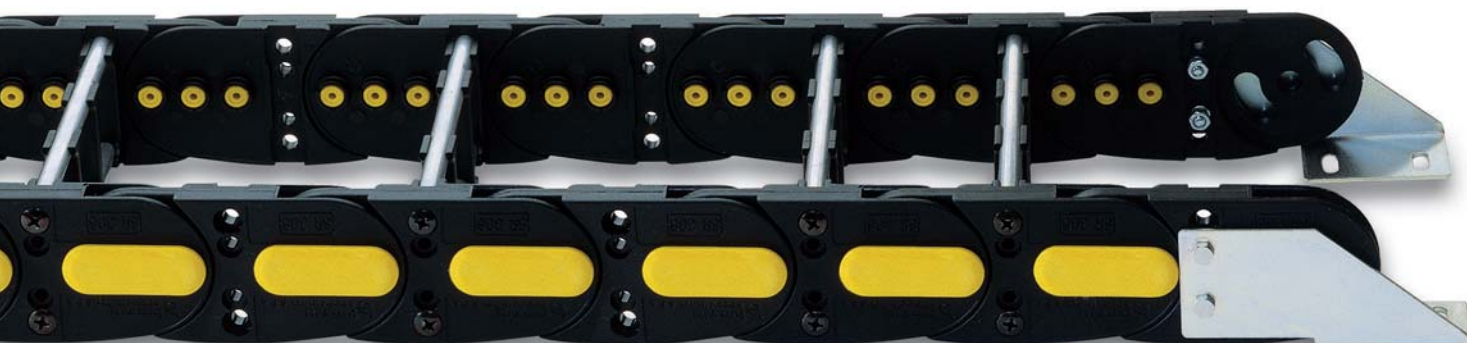
R mm	H mm	N mm	M mm
075	208	170	370
107	272	205	470
150	358	245	605
200	458	295	760
250	558	345	920
300	658	395	1075

Length of chain (L)

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

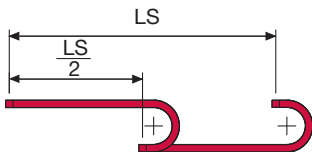
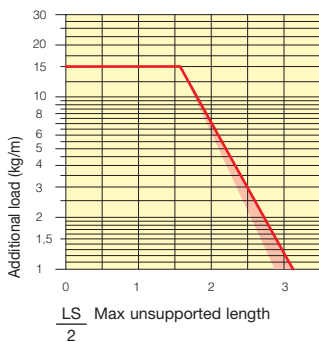
plus length of curve (M)

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



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 rods 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

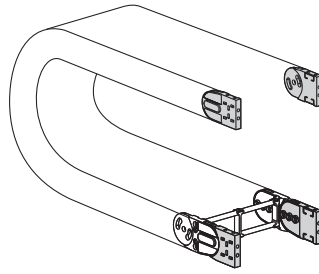


Fig. A
The chain can be fixed frontally, inner or outer radius. (Fig A)

Nylon Type

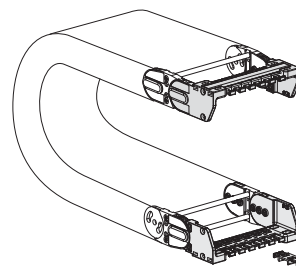
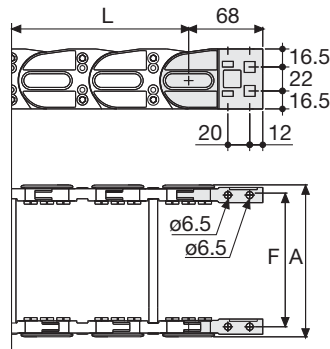
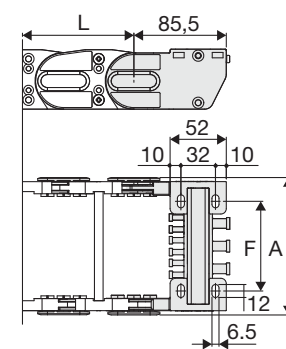


Fig. B
Chain fixed outside the radius. (Fig B)
See end brackets mounting variations page 31.



Chain Type	F mm
306B075	96
306B100	121
306B150	171
306B200	221
306B250	271
306B300	321
Special widths F=A-19	



Chain Type	F mm
306B075	71
306B100	96
306B150	146
306B200	196
306B250	246
306B300	296
Special widths F=A-44	

Nylon Type Part Numbers

Complete Set Assembled	End Brackets
Chain Type	Set
306B...	AN306KM

Complete Set Unassembled	End Brackets
Chain Type	Set
306B...	AN306K

Nylon Type Part Numbers

Complete Set Assembled	End Brackets
Chain Type	Set
306B...	ANL306KM □**

Complete Set Unassembled	End Brackets
Chain Type	Set
306B...	ANL306K □**

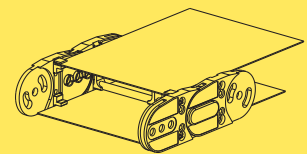
Tiewrap Clamp

Assembl.	SFCTL306B□□□*KM
Unassembl.	SFCTL306B□□□*K

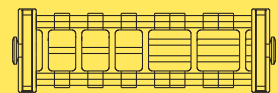
Serie Heavy

306B

Nylon Cable Chain with un-screwable aluminium rods

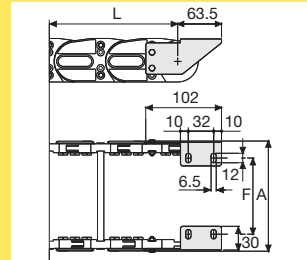
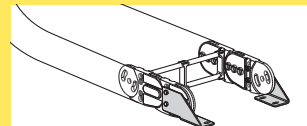


Steel laminar cover.



Supplementary movable separators.

Bright Zinc Plated Steel Type***



F = A-44

Bright Zinc Plated Steel Type Part Numbers

Complete Set Assembled	End Brackets
Chain Type	Set
306B...	A306KM □**

Complete Set Unassembled	End Brackets
Chain Type	Set
306B...	A306K □**

Tiewrap Clamp

Assembl.	SFCT306B□□□*KM
Unassembl.	SFCT306B□□□*K

* Inner width (C)

** 1=Pos.1; 2=Pos.2; 3=Pos.3

*** Available on request in stainless steel

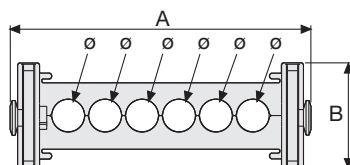
Serie Heavy

306F

Nylon Cable Chain

with un-screwable split cross pieces with holes

Strong double share Sideband & Frame construction with large anti-friction triple-pin. Un-screwable nylon split cross pieces with different hole combinations. As standard the chain comes with frames every second link, on request with frames every link.



Pin

Part.no PG307

Technical characteristics when self-supported

Speed	8 m/s
Acceleration	40 m/s ²

For higher requirements please consult our technical dept.

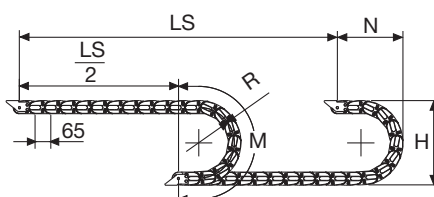
A mm	B mm	N. holes	Ø mm	R mm	Weight/m kg	Chain Part Number
89	55	2	22	075-107-150-200-250-300	1,80	306001 □*
155	55	6	17	075-107-150-200-250-300	2,05	306002 □*
193	55	6+2	17+20	075-107-150-200-250-300	2,30	306003 □*
214	55	6	25	075-107-150-200-250-300	2,55	306004 □*
113	55	3	23	075-107-150-200-250-300	1,95	306005 □*

*Complete the code by inserting the value of the radius (R): Ex. 306002 □

Where: 1=075; 2=107; 3=150; 4=200; 5=250; 6=300

Chain equipped with nylon frame every pitch: complete the code by inserting the letter D.

Ex. 3060021 □



R mm	H mm	N mm	M mm
075	208	170	370
107	272	205	470
150	358	245	605
200	458	295	760
250	558	345	920
300	658	395	1075

Length of chain (L)

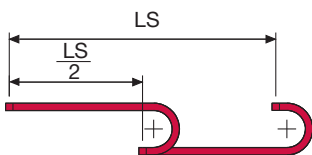
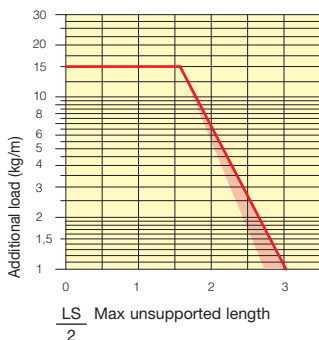
Half travel distance ($\frac{LS}{2}$)
plus length of curve (M)

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



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 nylon cross pieces 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

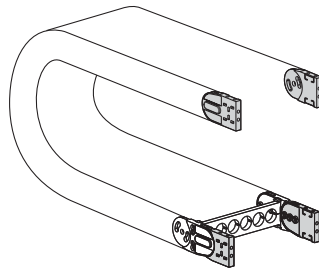


Fig. A
The chain can be fixed frontally, inner or outer radius. (Fig A)

Nylon Type

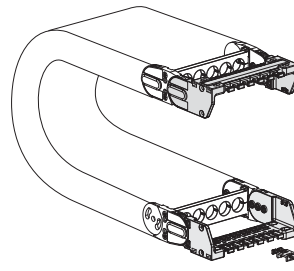
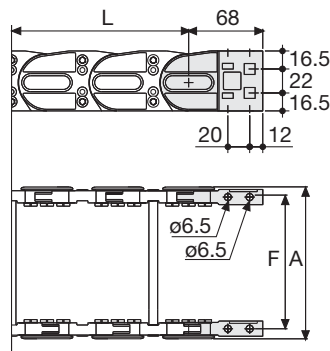
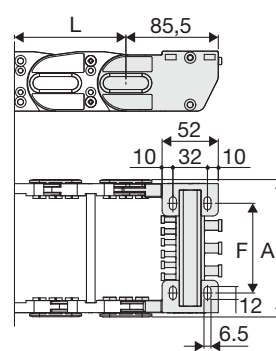


Fig. B
Chain fixed outside the radius. (Fig B)
See end brackets mounting variations page 31.



Chain Type	F mm
306001	70
306002	136
306003	174
306004	195
306005	94



Chain Type	F mm
306001	45
306002	111
306003	149
306004	170
306005	69

Nylon Type Part Numbers

Complete Set Assembled	End Brackets
Chain Type	Set
30600...	AN306KM

Complete Set Unassembled	End Brackets
Chain Type	Set
30600...	AN306K

Nylon Type Part Numbers

Complete Set Assembled	End Brackets
Chain Type	Set
30600...	ANL306KM □**

Complete Set Unassembled	End Brackets
Chain Type	Set
30600...	ANL306K □**

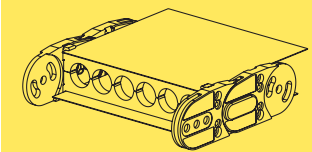
Tiewrap Clamp

Assembl.	SFCTL306F □□□*KM
Unassembl.	SFCTL306F □□□*K

Serie Heavy

306F

Nylon Cable Chain with un-screwable nylon split cross pieces with holes

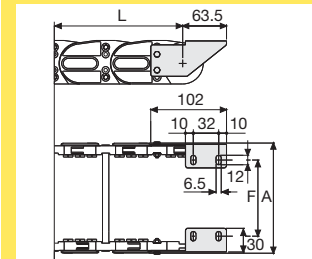
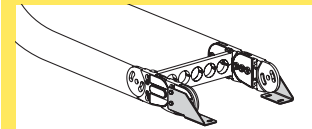


Steel laminar cover.

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



Bright Zinc Plated Steel Type***



F = A-44

Bright Zinc Plated Steel Type Part Numbers

Complete Set Assembled	End Brackets
Chain Type	Set
306B...	A306KM □**

Complete Set Unassembled	End Brackets
Chain Type	Set
306B...	A306K □**

Tiewrap Clamp

Assembl.	SFCT306F □□□*KM
Unassembl.	SFCT306F □□□*K

* Inner width (C)

** 1=Pos.1; 2=Pos.2; 3=Pos.3

*** Available on request in stainless steel

Serie Heavy

307SU

Replace 307SI/SE series

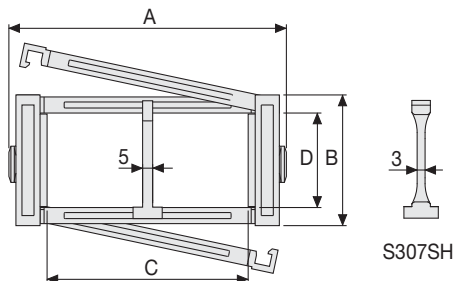
Nylon Cable Chain with opening frames

Inner height (D) 47 mm

Strong double share Sideband & Frame construction with large anti-friction triple-pin. Frames opening from inner and outer radius.

As standard the chain comes with frames every second link, on request with frames every link.

Vertical and horizontal modular separator system is available.



Separator

- Unassembled	Cod. S307S
- Assembled*	Cod. S307SMCI
- Assembled**	Cod. S307SMCE

Strong-hold separator

for C > 250 mm

- Unassembled	Cod. S307SH
- Assembled*	Cod. S307SHMCI
- Assembled**	Cod. S307SHMCE

Pin

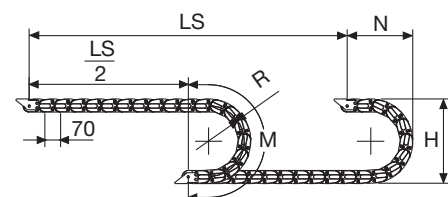
Cod. PG307

* for chain opening outer radius
** for chain opening inner radius

Technical characteristics when self-supported

Speed	8 m/s
Acceleration	40 m/s ²

For higher requirements please consult our technical dept.



Length of chain (L)

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

plus length of curve (M)

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

R	H	N	M
mm	mm	mm	mm
075	219	180	375
090	249	195	425
120	309	225	520
140	349	245	580
200	469	305	770
250	569	355	925

A	B	C	D	R	Weight/m	Chain
mm	mm	mm	mm	mm	kg	Part Number
80	65	42	47	075-090-120-140-200-250	1,86	307SU042□□□*
91	65	53	47	075-090-120-140-200-250	1,86	307SU053□□□*
105	65	67	47	075-090-120-140-200-250	1,92	307SU067□□□*
111	65	73	47	075-090-120-140-200-250	1,94	307SU073□□□*
125	65	87	47	075-090-120-140-200-250	1,97	307SU087□□□*
130	65	92	47	075-090-120-140-200-250	1,97	307SU092□□□*
137	65	99	47	075-090-120-140-200-250	1,99	307SU099□□□*
147	65	109	47	075-090-120-140-200-250	2,00	307SU109□□□*
155	65	117	47	075-090-120-140-200-250	2,05	307SU117□□□*
166	65	128	47	075-090-120-140-200-250	2,07	307SU128□□□*
180	65	142	47	075-090-120-140-200-250	2,10	307SU142□□□*
205	65	167	47	075-090-120-140-200-250	2,16	307SU167□□□*
230	65	192	47	075-090-120-140-200-250	2,23	307SU192□□□*
241	65	203	47	075-090-120-140-200-250	2,26	307SU203□□□*
255	65	217	47	075-090-120-140-200-250	2,30	307SU217□□□*
282	65	244	47	075-090-120-140-200-250	2,37	307SU244□□□*
291	65	253	47	075-090-120-140-200-250	2,39	307SU253□□□*
342	65	304	47	075-090-120-140-200-250	2,50	307SU304□□□*
364	65	326	47	075-090-120-140-200-250	2,56	307SU326□□□*
392	65	354	47	075-090-120-140-200-250	2,63	307SU354□□□*

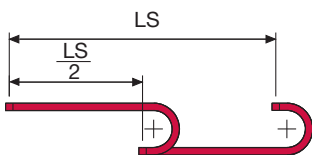
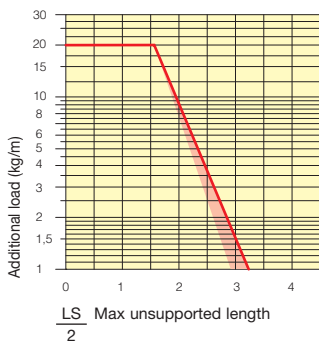
*Complete the code by inserting the value of the radius (R): Ex. 307SU117 □□□□

Chain equipped with nylon frame every pitch: complete the code by inserting the letter D.
Ex. 307SU117140 □□



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 nylon 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

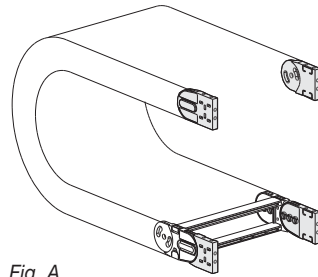


Fig. A
The chain can be fixed frontally, inner or outer radius. (Fig A)

Bright Zinc Plated Steel Type***

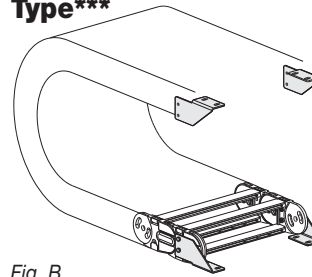
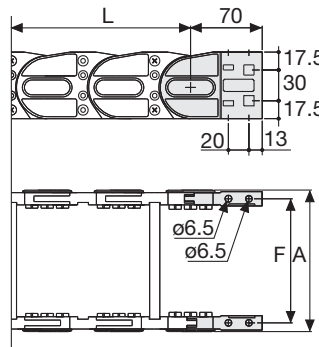


Fig. B
Chain fixed outside the radius. (Fig B)
See end brackets mounting variations page 31.



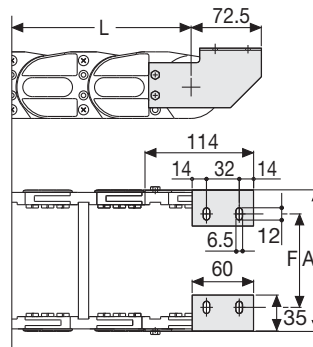
Chain Type	F mm
307SU042	61
307SU053	72
307SU067	86
307SU073	92
307SU087	106
307SU092	111
307SU099	118
307SU109	128
307SU117	136
307SU128	147
307SU142	161
307SU167	186
307SU192	211
307SU203	222
307SU217	236
307SU244	263
307SU253	272
307SU304	323
307SU326	345
307SU354	373

Nylon Type Part Numbers

Complete Set Assembled Chain	End Brackets Set
Type	Set
307SU...	AN307KM

Complete Set Unassembled Chain	End Brackets Set
Type	Set
307SU...	AN307K

Tiewrap Clamp
Assembl. CFC307S □□□ *KM
Unassembl. CFC307S □□□ *K



Chain Type	F mm
307SU042	31
307SU053	42
307SU067	56
307SU073	62
307SU087	76
307SU092	81
307SU099	88
307SU109	98
307SU117	106
307SU128	117
307SU142	131
307SU167	156
307SU192	181
307SU203	192
307SU217	206
307SU244	233
307SU253	242
307SU304	293
307SU326	315
307SU354	343

Bright Zinc Plated Steel Type Part Numbers

Complete Set Assembled Chain	End Brackets Set
Type	Set
307SU...	A307SKM □**

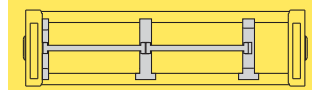
Complete Set Unassembled Chain	End Brackets Set
Type	Set
307SU...	A307SK □**

Tiewrap Clamp
Assembl. SFCT307S □□□ *KM
Unassembl. SFCT307S □□□ *K

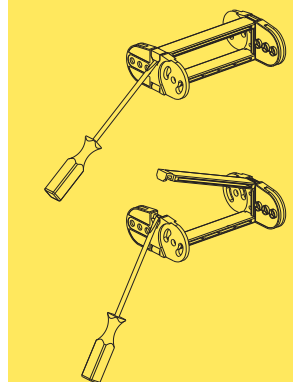
* Inner width (C)
** 1=Pos.1; 2=Pos.2; 3=Pos.3
*** Available on request in stainless steel

Serie Heavy

307SU Nylon Cable Chain with opening frames



Separation System
To choose the separators see page. 188



How to open the cover.

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



For further information please consult Brevetti Stendalto's Technical Office

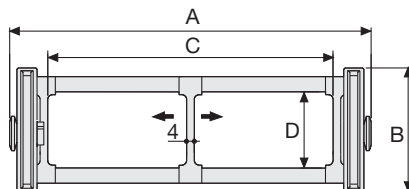
Serie Heavy

307B

Nylon Cable Chain with un-screwable aluminium rods

Inner height (D) 40 mm

Strong double share Sideband & Frame construction with large anti-friction triple-pin. Alu-rod frames are un-screwable from inner and outer radius. As standard the chain comes with frames every second link, on request with frames every link. Vertical and horizontal separator systems are available.



Separator

- Unassembled	Part.no S307
- Assembled	Part.no S307MC

Pin

Part.no PG307

Technical characteristics when self-supported

Speed	8 m/s
Acceleration	40 m/s ²

For higher requirements please consult our technical dept.

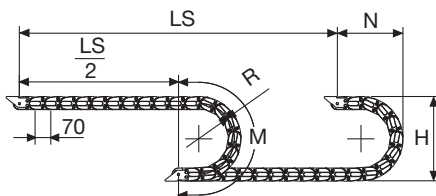
A mm	B mm	C mm	D mm	R mm	Weight/m kg	Chain Part Number
117	65	75	40	075-090-120-140-200-250	1,80	307B075 □ *
142	65	100	40	075-090-120-140-200-250	1,85	307B100 □ *
192	65	150	40	075-090-120-140-200-250	1,95	307B150 □ *
242	65	200	40	075-090-120-140-200-250	2,05	307B200 □ *
292	65	250	40	075-090-120-140-200-250	2,15	307B250 □ *
342	65	300	40	075-090-120-140-200-250	2,25	307B300 □ *
C+42	65	.....	40	075-090-120-140-200-250		307B □ □ □ □ **

*Complete the code by inserting the value of the radius (R): Ex. 307B075 □

Where: 0=090; 1=120; 2=140; 3=200; 4=250; 7=075

**Complete the code by inserting the value of the quote C and the radius (R): Ex. 307B □ □ □ □

Chain equipped with aluminium rods every pitch: complete the code by inserting the letter D.
Ex. 307B0751 □



Length of chain (L)

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

plus length of curve (M)

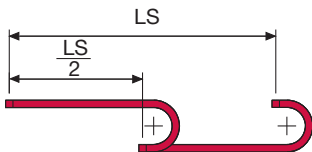
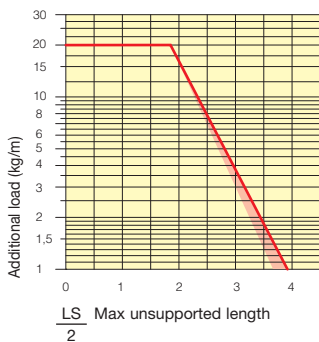
$$L = \frac{LS}{2} + M$$

R mm	H mm	N mm	M mm
075	219	180	375
090	249	195	425
120	309	225	520
140	349	245	580
200	469	305	770
250	569	355	925



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 rods 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

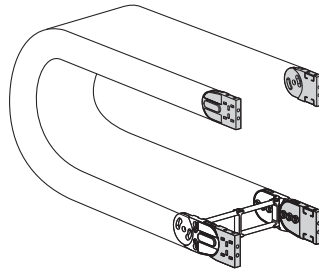


Fig. A
The chain can be fixed frontally, inner or outer radius. (Fig A)

Bright Zinc Plated Steel Type***

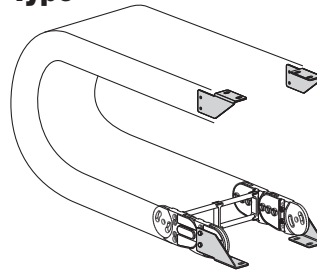
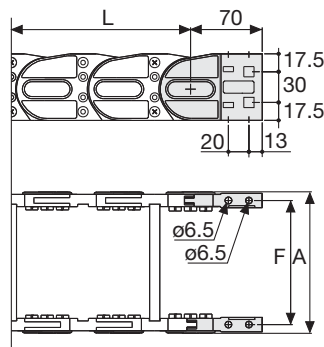
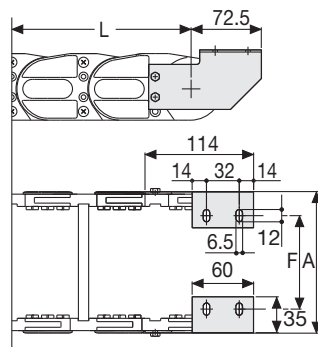


Fig. B
Chain fixed outside the radius. (Fig B)
See end brackets mounting variations page 31.



Chain Type	F mm
307B075	98
307B100	123
307B150	173
307B200	223
307B250	273
307B300	323
Special widths F=A-19	



Chain Type	F mm
307B075	68
307B100	93
307B150	143
307B200	193
307B250	243
307B300	293
Special widths F=A-49	

Nylon Type Part Numbers

Complete Set Assembled	End Brackets
Chain Type	Set
307B...	AN307KM

Complete Set Unassembled	End Brackets
Chain Type	Set
307B...	AN307K

Bright Zinc Plated Steel Type Part Numbers

Complete Set Assembled	End Brackets
Chain Type	Set
307B...	A307KM □**

Complete Set Unassembled	End Brackets
Chain Type	Set
307B...	A307K □**

Tiewrap Clamp

Assembl. SFCT307B	□□□*KM
Unassembl. SFCT307B	□□□*K

* Inner width (C)

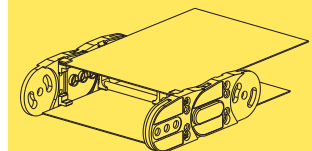
** 1=Pos.1; 2=Pos.2; 3=Pos.3

*** Available on request in stainless steel

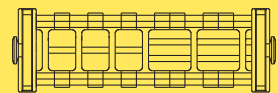
Serie Heavy

307B

Nylon Cable Chain with un-screwable aluminium rods



Steel laminar cover.



Supplementary movable separators.

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



For further information please consult Brevetti Stendalto's Technical Office

Serie Heavy

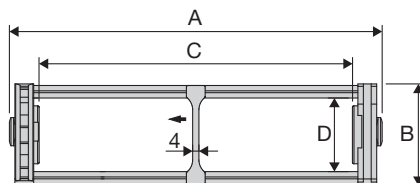
307E Nylon Cable Chain with alu-drawn frames

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 ²

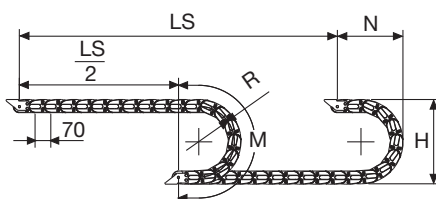
For higher requirements please consult our technical dept.

A mm	B mm	C mm	D mm	R mm	Weight/m kg	Chain Part Number
113	65	75	46,5	075-090-120-140-170-200-250	1,95	307E075□□□*
138	65	100	46,5	075-090-120-140-170-200-250	2,00	307E100□□□*
188	65	150	46,5	075-090-120-140-170-200-250	2,15	307E150□□□*
238	65	200	46,5	075-090-120-140-170-200-250	2,25	307E200□□□*
288	65	250	46,5	075-090-120-140-170-200-250	2,35	307E250□□□*
338	65	300	46,5	075-090-120-140-170-200-250	2,50	307E300□□□*
C+38	65	.....	46,5	075-090-120-140-170-200-250		307E□□□□□**

Complete the code by inserting the value of the radius (R): Ex. 307E075□□□

**Complete the code by inserting the value of the quote C and the radius (R): Ex. 307E□□□□□*

Chain equipped with alu-drawn frames full-pitch: complete the code by inserting the letter D.
Ex. 307E075120□



R mm	H mm	N mm	M 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

Length of chain (L)

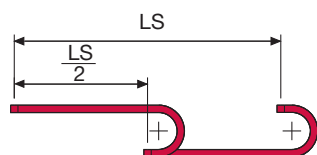
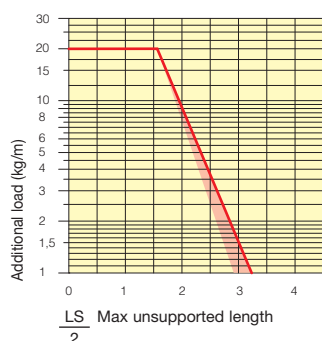
Half travel distance ($\frac{LS}{2}$)
plus length of curve (M)

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



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

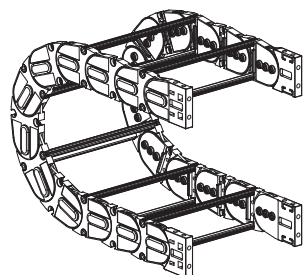


Fig. A
The chain can be fixed frontally, inner or outer radius. (Fig A)

Bright Zinc Plated Steel Type***

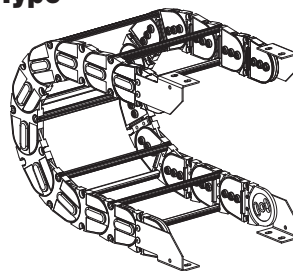
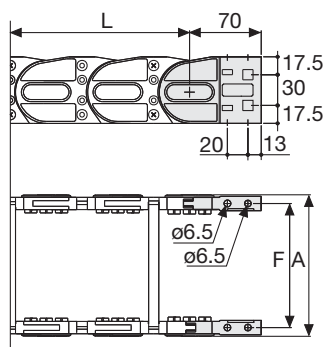


Fig. B
Chain fixed outside the radius. (Fig B)
See end brackets mounting variations page 31.

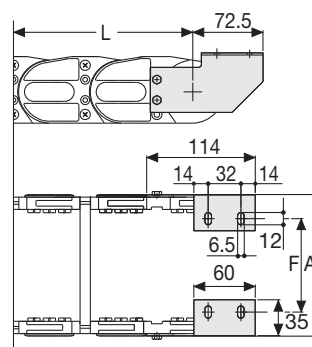


Chain Type	F mm
307E075	94
307E100	119
307E150	169
307E200	219
307E250	269
307E300	319
Special widths F=A-19	

Nylon Type Part Numbers

Complete Set Assembled	
Chain	End Brackets
Type	Set
307E...	AN307KM

Complete Set Unassembled	
Chain	End Brackets
Type	Set
307E...	AN307K



Chain Type	F mm
307E075	64
307E100	89
307E150	139
307E200	189
307E250	239
307E300	289
Special widths F=A-49	

Bright Zinc Plated Steel Type Part Numbers

Complete Set Assembled	
Chain	End Brackets
Type	Set
307E...	A307EKM□**

Complete Set Unassembled	
Chain	End Brackets
Type	Set
307E...	A307EK□**

Tiewrap Clamp

Assembl. SFCT307E□□□*KM
Unassembl. SFCT307E□□□*K

* Inner width (C)

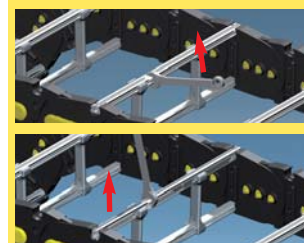
** 1=Pos.1; 2=Pos.2; 3=Pos.3

*** Available on request in stainless steel

Serie Heavy

307E

Nylon Cable Chain with alu-drawn frames



How to open alu-drawn frames



Supplementary movable separators.

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



For further information please consult Brevetti Stendalto's Technical Office

Serie Heavy

308SU

Replace 308SI/SE series

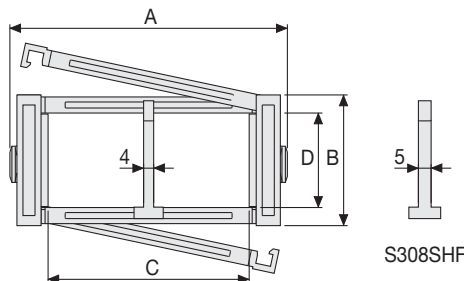
Nylon Cable Chain with opening frames

Inner height (D) 57 mm

Strong double share Sideband & Frame construction with large anti-friction triple-pin. Frames opening from inner and outer radius.

As standard the chain comes with frames every second link, on request with frames every link.

Vertical and horizontal modular separator system is available.



Separator

- Unassembled	Cod. S308C
- Assembled*	Cod. S308CMCI
- Assembled**	Cod. S308CMCE

Strong-hold separator

for C > 250 mm

- Unassembled	Cod. S308SHF
- Assembled*	Cod. S308SHFMC
- Assembled**	Cod. S308SHFMCE

Pin

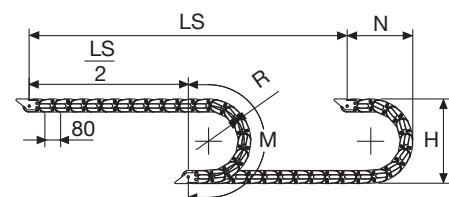
Cod. PG308

* for chain opening outer radius
** for chain opening inner radius

Technical characteristics when self-supported

Speed	8 m/s
Acceleration	40 m/s ²

For higher requirements please consult our technical dept.



Length of chain (L)

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

plus length of curve (M)

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

A mm	B mm	C mm	D mm	R mm	Weight/m kg	Chain Part Number
82	75	38	57	135-150-180-200-230-280-400	2,46	308SU038□□□*
93	75	49	57	135-150-180-200-230-280-400	2,46	308SU049□□□*
107	75	63	57	135-150-180-200-230-280-400	2,51	308SU063□□□*
113	75	69	57	135-150-180-200-230-280-400	2,53	308SU069□□□*
127	75	83	57	135-150-180-200-230-280-400	2,56	308SU083□□□*
132	75	88	57	135-150-180-200-230-280-400	2,56	308SU088□□□*
139	75	95	57	135-150-180-200-230-280-400	2,58	308SU095□□□*
149	75	105	57	135-150-180-200-230-280-400	2,59	308SU105□□□*
157	75	113	57	135-150-180-200-230-280-400	2,62	308SU113□□□*
168	75	124	57	135-150-180-200-230-280-400	2,65	308SU124□□□*
182	75	138	57	135-150-180-200-230-280-400	2,67	308SU138□□□*
207	75	163	57	135-150-180-200-230-280-400	2,73	308SU163□□□*
232	75	188	57	135-150-180-200-230-280-400	2,79	308SU188□□□*
243	75	199	57	135-150-180-200-230-280-400	2,81	308SU199□□□*
257	75	213	57	135-150-180-200-230-280-400	2,84	308SU213□□□*
284	75	240	57	135-150-180-200-230-280-400	2,90	308SU240□□□*
293	75	249	57	135-150-180-200-230-280-400	2,92	308SU249□□□*
344	75	300	57	135-150-180-200-230-280-400	3,02	308SU300□□□*
366	75	322	57	135-150-180-200-230-280-400	3,07	308SU322□□□*
394	75	350	57	135-150-180-200-230-280-400	3,13	308SU350□□□*

*Complete the code by inserting the value of the radius (R): Ex. 308SU105 □ □ □ □

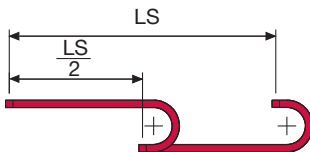
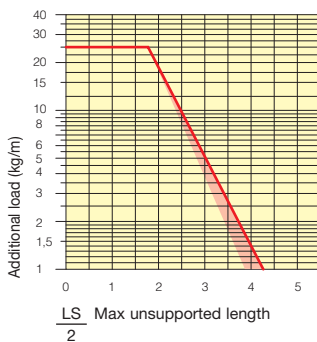
Chain equipped with nylon frame every pitch: complete the code by inserting the letter D.
Ex. 308SU105150 □ □

R mm	H mm	N mm	M mm
135	345	255	585
150	375	270	635
180	435	300	725
200	475	320	790
230	535	350	885
280	635	400	1040
400	875	520	1420



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 nylon 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

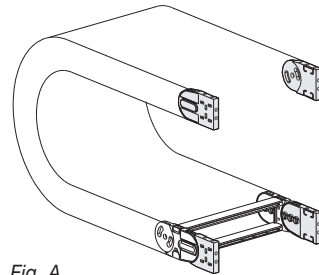
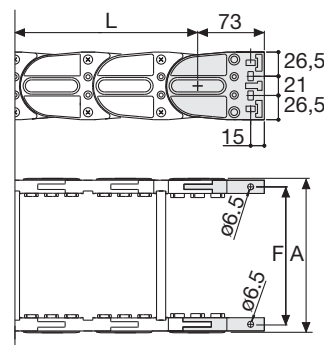


Fig. A
The chain can be fixed frontally, inner or outer radius. (Fig A)



Chain Type	F mm
308SU038	62
308SU049	73
308SU063	87
308SU069	93
308SU083	107
308SU088	112
308SU095	119
308SU105	129
308SU113	137
308SU124	148
308SU138	162
308SU163	187
308SU188	212
308SU199	223
308SU213	237
308SU240	264
308SU249	273
308SU300	324
308SU322	346
308SU350	374

Nylon Type Part Numbers

Complete Set Assembled Chain	End Brackets Set
Type	Set
308SU...	AN308SKM

Complete Set Unassembled Chain	End Brackets Set
Type	Set
308SU...	AN308SK

Tiewrap Clamp
Assembl. CFC308S ☐ ☐ ☐ *KM
Unassembl. CFC308S ☐ ☐ ☐ *K

Bright Zinc Plated Steel Type***

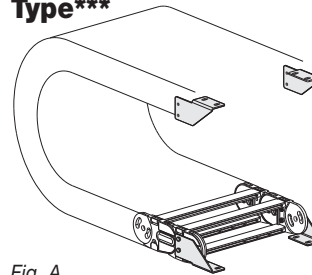
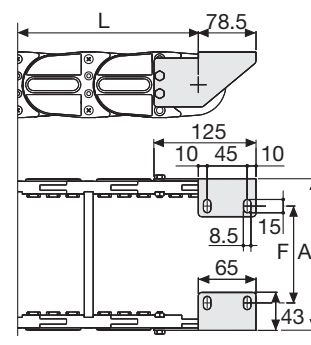


Fig. A
Chain fixed outside the radius. (Fig A)
See end brackets mounting variations page 31.



Chain Type	F mm
308SU038	20
308SU049	31
308SU063	45
308SU069	51
308SU083	65
308SU088	70
308SU095	77
308SU105	87
308SU113	95
308SU124	106
308SU138	120
308SU163	145
308SU188	170
308SU199	181
308SU213	195
308SU240	222
308SU249	231
308SU300	282
308SU322	304
308SU350	332

Bright Zinc Plated Steel Type Part Numbers

Complete Set Assembled Chain	End Brackets Set
Type	Set
308SU...	A308SKM ☐ **

Complete Set Unassembled Chain	End Brackets Set
Type	Set
308SU...	A308SK ☐ **

Tiewrap Clamp
Assembl. SFCT308S ☐ ☐ ☐ *KM
Unassembl. SFCT308S ☐ ☐ ☐ *K

* Inner width (C)

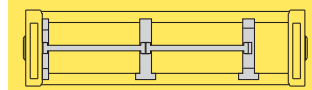
** 1=Pos.1; 2=Pos.2; 3=Pos.3

*** Available on request in stainless steel

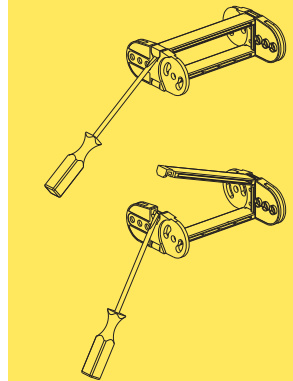
Serie Heavy

308SU

Nylon Cable Chain with opening frames



Separation System
To choose the separators see page. 188



How to open the cover.

Protection version



Protection version
see page 132

For further information please consult Brevetti Stendalto's Technical Office

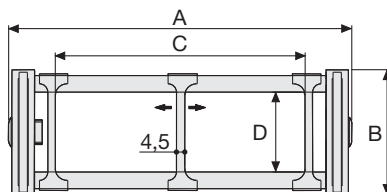
Serie Heavy

308B

Nylon Cable Chain with un-screwable aluminium rods

Inner height (D) 48 mm

Strong double share Sideband & Frame construction with large anti-friction triple-pin. Alu-rod frames are un-screwable from inner and outer radius. As standard the chain comes with frames every second link, on request with frames every link. Vertical and horizontal separator systems are available.



Separator

- Unassembled	Part.no S3000F
- Assembled	Part.no S3000FMC

Pin

Part.no PG308

Technical characteristics when self-supported

Speed	8 m/s
Acceleration	40 m/s ²

For higher requirements please consult our technical dept.

A mm	B mm	C mm	D mm	R mm	Weight/m kg	Chain Part Number
156	75	100	48	150-180-200-230-280-400	2,85	308B100 □ *
206	75	150	48	150-180-200-230-280-400	3,00	308B150 □ *
256	75	200	48	150-180-200-230-280-400	3,15	308B200 □ *
306	75	250	48	150-180-200-230-280-400	3,30	308B250 □ *
356	75	300	48	150-180-200-230-280-400	3,45	308B300 □ *
C+56	75	.....	48	150-180-200-230-280-400		308B □ □ □ □ **

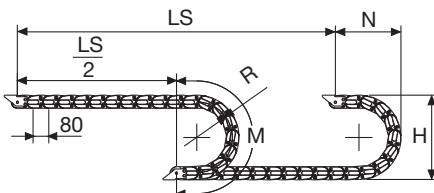
*Complete the code by inserting the value of the radius (R): Ex. 308B200 □

Where: 1=150; 2=180; 3=200; 4=230; 5=280; 6=400

**Complete the code by inserting the value of the quote C and the radius (R): Ex. 308B □ □ □ □

Chain equipped with aluminium rods every pitch: complete the code by inserting the letter D.

Ex. 308B2001 □



R mm	H mm	N mm	M mm
150	374	270	635
180	434	300	725
200	474	320	790
230	534	350	885
280	634	400	1040
400	874	520	1420

Length of chain (L)

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

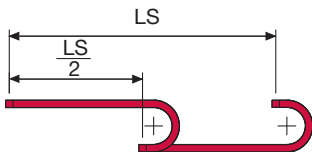
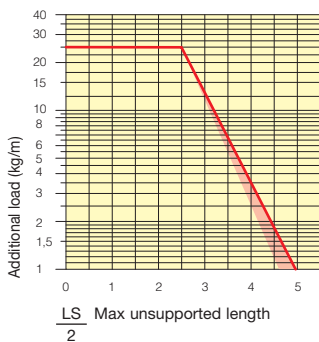
$$L = \frac{LS}{2} + M$$



Version with Alu-rods on every second pitch.

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 rods 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

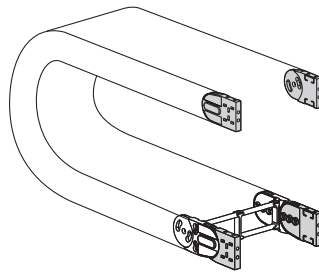


Fig. A
The chain can be fixed frontally, inner or outer radius. (Fig A)

Bright Zinc Plated Steel Type***

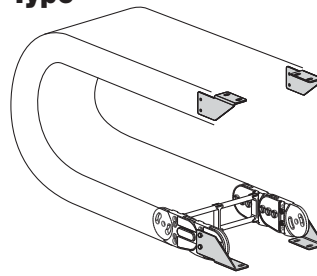
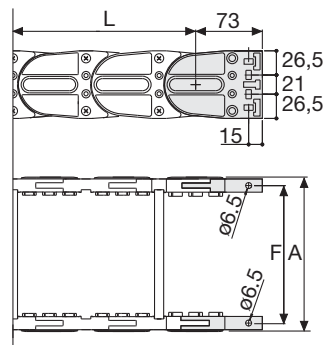
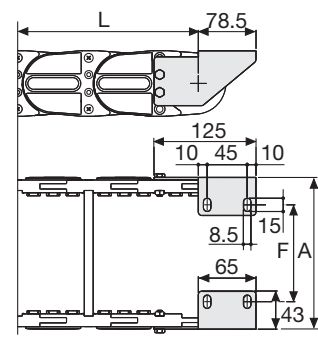


Fig. B
Chain fixed outside the radius. (Fig B)
See end brackets mounting variations page 31.



Chain Type	F mm
308B100	135
308B150	185
308B200	235
308B250	285
308B300	335
Special widths F=A-21	



Chain Type	F mm
308B100	93
308B150	143
308B200	193
308B250	243
308B300	293
Special widths F=A-63	

Nylon Type Part Numbers

Complete Set Assembled	
Chain	End Brackets
Type	Set
308B...	AN308KM

Complete Set Unassembled	
Chain	End Brackets
Type	Set
308B...	AN308K

Bright Zinc Plated Steel Type Part Numbers

Complete Set Assembled	
Chain	End Brackets
Type	Set
308B...	A308KM □**

Complete Set Unassembled	
Chain	End Brackets
Type	Set
308B...	A308K □**

Tiewrap Clamp

Assembl. SFCT308B□□□*KM

Unassembl. SFCT308B□□□*K

* Inner width (C)

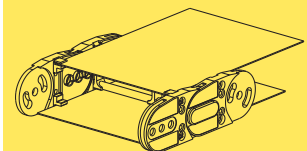
** 1=Pos.1; 2=Pos.2; 3=Pos.3

*** Available on request in stainless steel

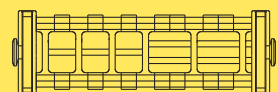
Serie Heavy

308B

Nylon Cable Chain with un-screwable aluminium rods



Steel laminar cover.



Supplementary movable separators.

Special tool to remove the connecting pivots:
Part Number PZ038.



For further information please consult Brevetti Stendalto's Technical Office

Serie Heavy

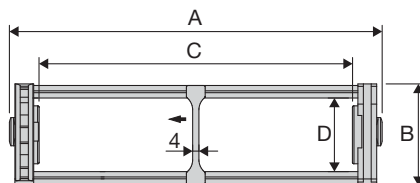
308E Nylon Cable Chain with alu-drawn frames

Inner height (D) 56,5 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 S308EF
- Assembled	Part.no S308EFMC

Pin

Part.no PG308

Technical characteristics when self-supported

Speed	8 m/s
Acceleration	40 m/s ²

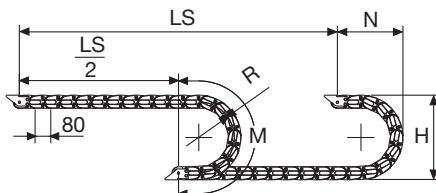
For higher requirements please consult our technical dept.

A mm	B mm	C mm	D mm	R mm	Weight/m kg	Chain Part Number
144	75	100	56,5	135-150-180-200-230-280-400	2,85	308E100□□□*
194	75	150	56,5	135-150-180-200-230-280-400	2,95	308E150□□□*
244	75	200	56,5	135-150-180-200-230-280-400	3,05	308E200□□□*
294	75	250	56,5	135-150-180-200-230-280-400	3,15	308E250□□□*
344	75	300	56,5	135-150-180-200-230-280-400	3,25	308E300□□□*
C+44	75	.....	56,5	135-150-180-200-230-280-400		308E□□□□□**

*Complete the code by inserting the value of the radius (R): Ex. 308E200□□□

**Complete the code by inserting the value of the quote C and the radius (R): Ex. 308E□□□□□

Chain equipped with alu-drawn frames full-pitch: complete the code by inserting the letter D.
Ex. 308E200135□



Length of chain (L)

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

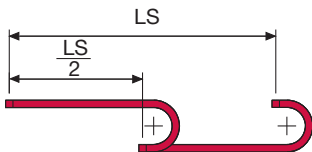
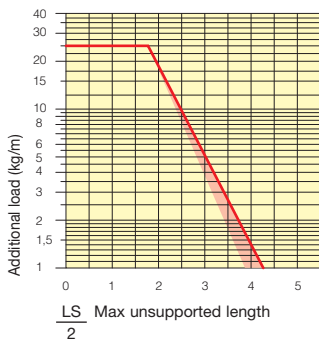
$$L = \frac{LS}{2} + M$$

R mm	H mm	N mm	M mm
135	345	255	585
150	375	270	635
180	435	300	730
200	475	320	790
230	535	350	885
280	635	400	1040
400	875	520	1420



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

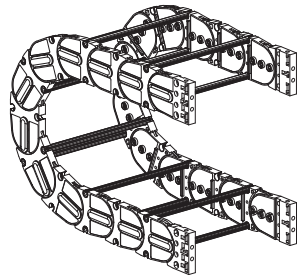


Fig. A
The chain can be fixed frontally, inner or outer radius. (Fig A)

Bright Zinc Plated Steel Type***

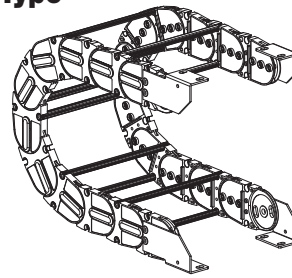
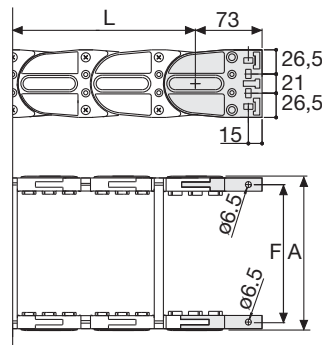
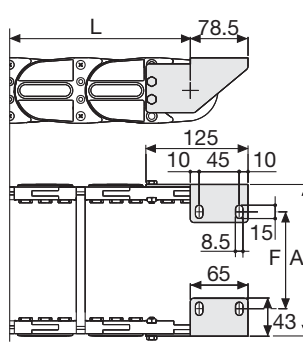


Fig. B
Chain fixed outside the radius. (Fig B)
See end brackets mounting variations page 31.



Chain Type	F mm
308E100	123
308E150	173
308E200	223
308E250	273
308E300	323
Special widths F=A-21	



Chain Type	F mm
308E100	81
308E150	131
308E200	181
308E250	231
308E300	281
Special widths F=A-63	

Nylon Type Part Numbers

Complete Set Assembled	End Brackets
Type	Set
308E...	AN308KM

Complete Set Unassembled	End Brackets
Type	Set
308E...	AN308K

Bright Zinc Plated Steel Type Part Numbers

Complete Set Assembled	End Brackets
Type	Set
308E...	A308EK□**

Complete Set Unassembled	End Brackets
Type	Set
308E...	A308EK□**

Tiewrap Clamp
Assembl. SFCT308E□□□*KM
Unassembl. SFCT308E□□□*K

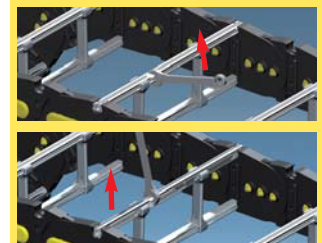
* Inner width (C)

** 1=Pos.1; 2=Pos.2; 3=Pos.3

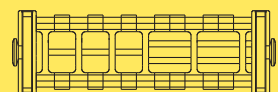
*** Available on request in stainless steel

Serie Heavy

308E Nylon Cable Chain with alu-drawn frames



How to open alu-drawn frames



Supplementary movable separators.

Special tool to remove the connecting pivots:
Part Number PZ038



For further information please consult Brevetti Stendalto's Technical Office

Serie Heavy

309SU

Replace 309SI/SE series

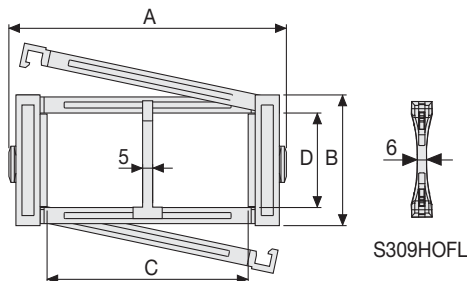
Nylon Cable Chain with opening frames

Inner height (D) 75,5 mm

Strong double share Sideband & Frame construction with large anti-friction triple-pin. Frames opening from inner and outer radius.

As standard the chain comes with frames every second link, on request with frames every link.

Vertical and horizontal modular separator system is available.



Separator

- Unassembled	Cod. S309S
- Assembled*	Cod. S309SMCI
- Assembled**	Cod. S309SMCE

Strong-hold separator

for C > 250 mm

- Unassembled	Cod. S309HOFL
- Assembled	Cod. S309HOFLMC

Pin Cod. PG309H

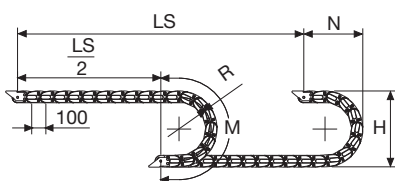
* for chain opening outer radius

** for chain opening inner radius

Technical characteristics when self-supported

Speed	8 m/s
Acceleration	40 m/s ²

For higher requirements please consult our technical dept.



Length of chain (L)

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

plus length of curve (M)

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

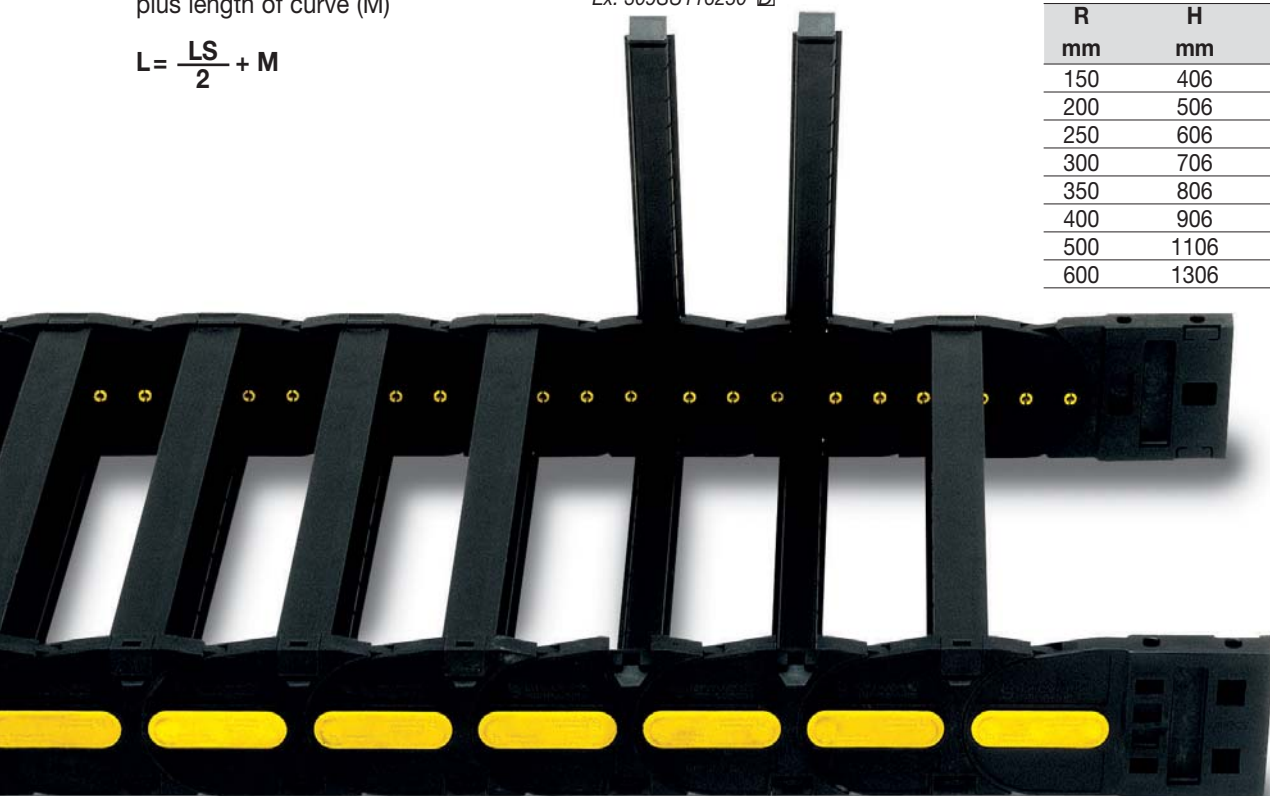
A	B	C	D	R	Weight/m	Chain
mm	mm	mm	mm	mm	kg	Part Number
120	100	64	75,5	150-200-250-300-350-400-500-600	4,03	309SU064□□□*
140	100	84	75,5	150-200-250-300-350-400-500-600	4,09	309SU084□□□*
165	100	109	75,5	150-200-250-300-350-400-500-600	4,17	309SU109□□□*
172	100	116	75,5	150-200-250-300-350-400-500-600	4,20	309SU116□□□*
195	100	139	75,5	150-200-250-300-350-400-500-600	4,27	309SU139□□□*
235	100	179	75,5	150-200-250-300-350-400-500-600	4,40	309SU179□□□*
270	100	214	75,5	150-200-250-300-350-400-500-600	4,51	309SU214□□□*
296	100	240	75,5	150-200-250-300-350-400-500-600	4,60	309SU240□□□*
320	100	264	75,5	150-200-250-300-350-400-500-600	4,67	309SU264□□□*
346	100	290	75,5	150-200-250-300-350-400-500-600	4,75	309SU290□□□*
370	100	314	75,5	150-200-250-300-350-400-500-600	4,83	309SU314□□□*
396	100	340	75,5	150-200-250-300-350-400-500-600	4,90	309SU340□□□*
420	100	364	75,5	150-200-250-300-350-400-500-600	4,99	309SU364□□□*
475	100	419	75,5	150-200-250-300-350-400-500-600	5,50	309SU419□□□*
544	100	488	75,5	150-200-250-300-350-400-500-600	5,40	309SU488□□□*

*Complete the code by inserting the value of the radius (R): Ex. 309SU116 □ □ □ □

Chain equipped with nylon frame every pitch: complete the code by inserting the letter D.

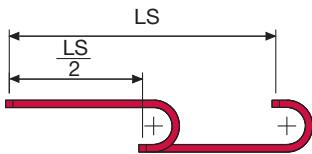
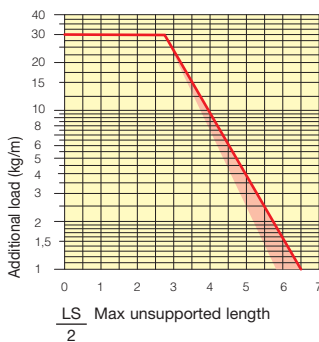
Ex. 309SU116250 □

R	H	N	M
mm	mm	mm	mm
150	406	300	675
200	506	350	830
250	606	400	985
300	706	455	1145
350	806	500	1300
400	906	555	1460
500	1106	650	1770
600	1306	750	2085



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 nylon 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

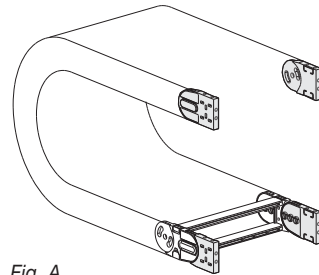


Fig. A
The chain can be fixed frontally, inner or outer radius. (Fig A)

Bright Zinc Plated Steel Type***

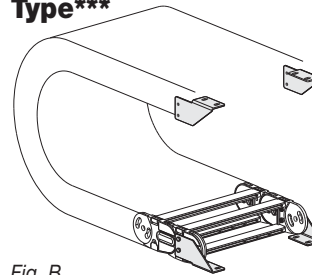
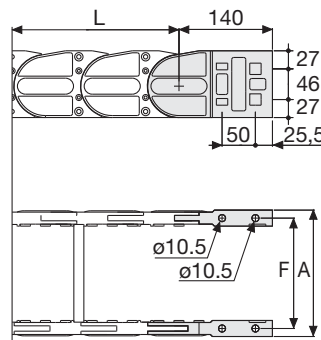


Fig. B
Chain fixed outside the radius. (Fig B)
See end brackets mounting variations page 31.



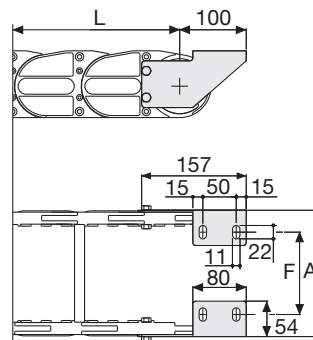
Chain Type	F mm
309SU064	92
309SU084	112
309SU109	137
309SU116	144
309SU139	167
309SU179	207
309SU214	242
309SU240	268
309SU264	292
309SU290	318
309SU314	342
309SU340	368
309SU364	392
309SU419	447
309SU488	516

Nylon Type Part Numbers

Complete Set Assembled	
Chain	End Brackets
Type	Set
309SU...	AN309KM

Complete Set Unassembled	
Chain	End Brackets
Type	Set
309SU...	AN309K

Tiewrap Clamp	
Assembl.	CFC309S □□□*KM
Unassembl.	CFC309S □□□*K



Chain Type	F mm
309SU064	50
309SU084	70
309SU109	95
309SU116	102
309SU139	125
309SU179	165
309SU214	200
309SU240	226
309SU264	250
309SU290	276
309SU314	300
309SU340	326
309SU364	350
309SU419	405
309SU488	474

Bright Zinc Plated Steel Type Part Numbers

Complete Set Assembled	
Chain	End Brackets
Type	Set
309SU...	A309SKM □**

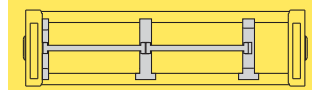
Complete Set Unassembled	
Chain	End Brackets
Type	Set
309SU...	A309SK □**

Tiewrap Clamp	
Assembl.	SFCT309S □□□*KM
Unassembl.	SFCT309S □□□*K

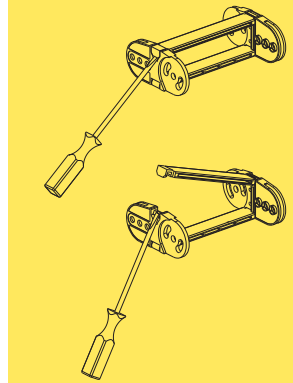
* Inner width (C)
** 1=Pos.1; 2=Pos.2; 3=Pos.3
*** Available on request in stainless steel

Serie Heavy

309SU Nylon Cable Chain with opening frames



Separation System
To choose the separators see page. 188



How to open the cover.

Protection version



Protection version
see page 136

For further information please
consult Brevetti Stendalto's
Technical Office

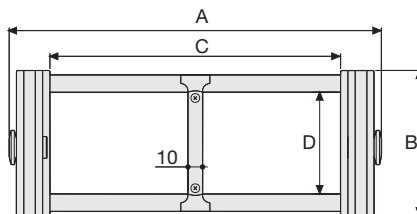
Serie Heavy

309B

Nylon Cable Chain with un-screwable aluminium rods

Inner height (D) 70 mm

Strong double share Sideband & Frame construction with large anti-friction triple-pin. Alu-rod frames are un-screwable from inner and outer radius. As standard the chain comes with frames every second link, on request with frames every link. Vertical and horizontal separator systems are available.



Separator

- Unassembled	Part.no S309C
- Assembled	Part.no S309CMC

Pin

Part.no PG309H

Technical characteristics when self-supported

Speed	8 m/s
Acceleration	40 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
156	100	100	70	150-200-250-300-350-400-500-600	4,20	309B100 □*
206	100	150	70	150-200-250-300-350-400-500-600	4,40	309B150 □*
256	100	200	70	150-200-250-300-350-400-500-600	4,55	309B200 □*
306	100	250	70	150-200-250-300-350-400-500-600	4,70	309B250 □*
356	100	300	70	150-200-250-300-350-400-500-600	4,85	309B300 □*
456	100	400	70	150-200-250-300-350-400-500-600	5,20	309B400 □*
C+56	100	.....	70	150-200-250-300-350-400-500-600		309B □□□ □**

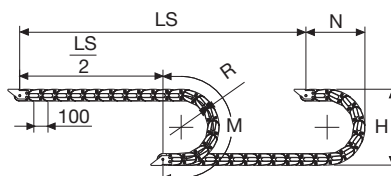
*Complete the code by inserting the value of the radius (R): Ex. 309B150 □

Where: 1=150 2=200; 3=250; 4=300; 5=350; 6=400; 7=500; 8=600

**Complete the code by inserting the value of the quote C and the radius (R): Ex. 309B □ □ □ □ □

Chain equipped with aluminium rods every pitch: complete the code by inserting the letter D.

Ex. 309B1502 □



Length of chain (L)

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

plus length of curve (M)

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

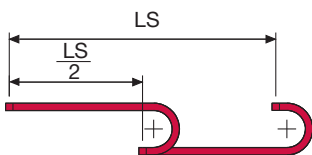
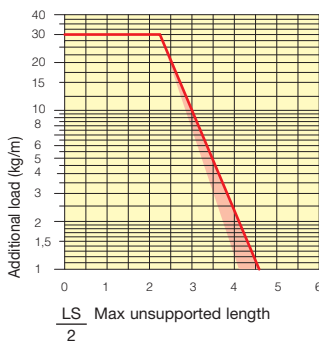
R	H	N	M
mm	mm	mm	mm
150	406	300	675
200	506	350	830
250	606	400	985
300	706	455	1145
350	806	500	1300
400	906	555	1460
500	1106	650	1770
600	1306	750	2085



Version with Alu-rods on every second pitch.

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 rods 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

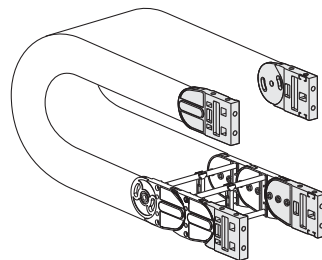
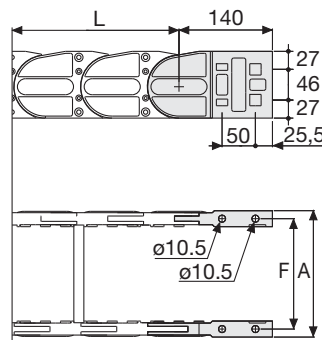


Fig. A
The chain can be fixed frontally, inner or outer radius. (Fig A)



Chain Type	F mm
309B100	129
309B150	179
309B200	229
309B250	279
309B300	329
309B400	429
Special widths F=A-27	

Bright Zinc Plated Steel Type***

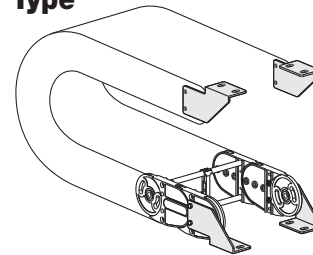
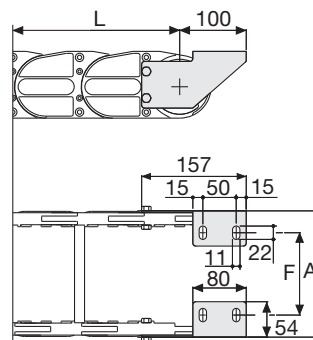


Fig. B
Chain fixed outside the radius. (Fig B)
See end brackets mounting variations page 31.



Chain Type	F mm
309B100	87
309B150	137
309B200	187
309B250	237
309B300	287
309B400	387
Special widths F=A-69	

Nylon Type Part Numbers

Complete Set Assembled	End Brackets
Type	Set
309B...	AN309KM

Complete Set Unassembled	End Brackets
Type	Set
309B...	AN309K

Bright Zinc Plated Steel Type Part Numbers

Complete Set Assembled	End Brackets
Type	Set
309B...	A309KM □**

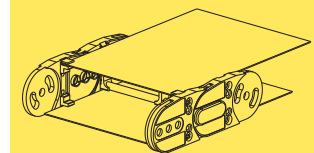
Complete Set Unassembled	End Brackets
Type	Set
309B...	A309K □**

Tiewrap Clamp
Assembl. SFCT309B □□□ *KM
Unassembl. SFCT309B □□□ *K

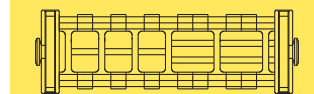
* Inner width (C)
** 1=Pos.1; 2=Pos.2; 3=Pos.3
*** Available on request in stainless steel

Serie Heavy

309B Nylon Cable Chain with un-screwable aluminium rods



Steel laminar cover.



Supplementary movable separators.

Version with aluminium draw plates



On request available with aluminium draw plates

Example Part Number:
309T □□□* □□□**

* Inner width (C)
** Bending radius (R)

For further information please consult Brevetti Stendalto's Technical Office

Serie Heavy

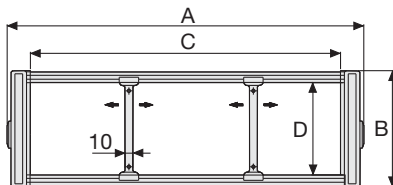
310T

Nylon Cable Chain

with un-screwable aluminium draw plates

Inner height (D) 112 mm

Strong double share Sideband & Frame construction with three large anti-friction single-pin/bush.
Alu-draw frames are mounted on every link and are un-screwable from inner and outer radius.
Vertical and horizontal separator systems are available.



Separator

- Unassembled Part.no S310TCF9
- Assembled Part.no S310TCF9MC

Pin

Part.no B310-PG310

Technical characteristics when self-supported

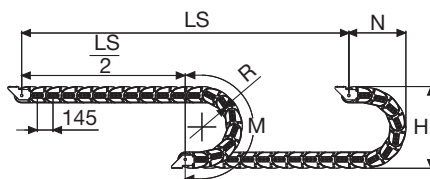
Speed	4 m/s
Acceleration	20 m/s ²

For higher requirements please consult our technical dept.

A	B	C	D	R	Weight/m	Chain
mm	mm	mm	mm	mm	kg	Part Number
260	150	200	112	200-300-400-500-600-700-750	7,15	310T200□□□*
360	150	300	112	200-300-400-500-600-700-750	7,60	310T300□□□*
460	150	400	112	200-300-400-500-600-700-750	8,05	310T400□□□*
560	150	500	112	200-300-400-500-600-700-750	8,50	310T500□□□*
660	150	600	112	200-300-400-500-600-700-750	9,00	310T600□□□*
C+60	150	....	112	200-300-400-500-600-700-750		310T□□□□□**

*Complete the code by inserting the value of the radius (R): Ex. 310T200 □□□

**Complete the code by inserting the value of the quote C and the radius (R): Ex. 310T □□□□□



R	H	N	M
mm	mm	mm	mm
200	565	420	920
300	765	525	1235
400	965	625	1550
500	1165	720	1860
600	1365	820	2175
700	1565	920	2490
750	1665	970	2650

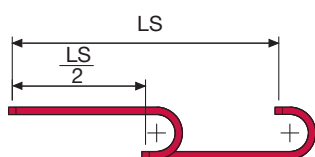
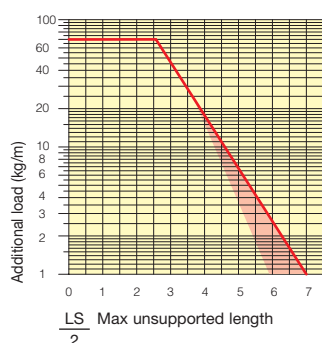
Length of chain (L)
Half travel distance ($\frac{LS}{2}$)
plus length of curve (M)

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



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.

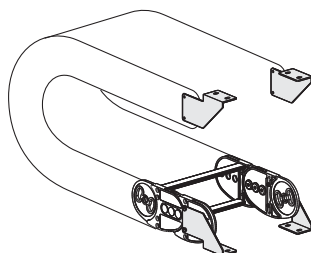
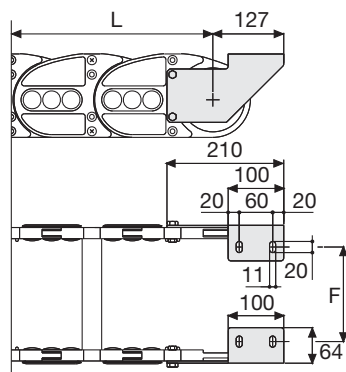


Fig. A
Chain fixed outside the radius. (Fig A)
See end brackets mounting variations page 31.



Chain Type	F mm
310T200	180
310T300	280
310T400	380
310T500	480
310T600	580
Special widths F=A-80	

Bright Zinc Plated Steel Type Part Numbers

Complete Set Assembled	
Chain Type	End Brackets Set
310T...	A310KM □ **

Complete Set Unassembled	
Chain Type	End Brackets Set
310T...	A310K □ **

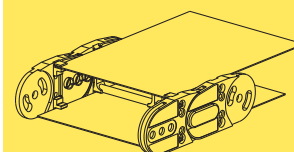
** 1=Pos.1; 2=Pos.2; 3=Pos.3

*** Available on request in stainless steel

Serie Heavy

310T

Nylon Cable Chain with un-screwable aluminium draw plates



Steel laminar cover.



Supplementary movable separators.

For further information please consult Brevetti Stendalto's Technical Office

Nylon Cable Chains Protection Series

Series 325PI	page 114
Series 335PI	page 116
Series 435PI-435PE	page 118
Series 445PI-445PE	page 120
Series 445AI-445AE	page 122
Series 475PI-475PE	page 124
Series 660	page 126
Series 770	page 128
Series 306CU (replace 306CI/CE series)	page 130
Series 308CU (replace 308CI/CE series)	page 132
Series 309C	page 134
Series 309CU (replace 309CI/CE series)	page 136

*Inner surface of chain
completely smooth*



*Special End Brackets on
moving end of chain*





Quickly removable covers with a “Snap-Fit” action

Completely enclosed design to protect chain contents from steel and wood chips, dust, etc.

Nylon separator cables can be laid apart from each other

Connecting Pivot Pin which offers high integrity in high performance applications

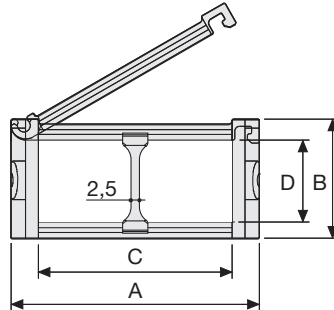
3

Serie Protection

325PI Nylon Cable Chain with opening frames

Inner height (D) 25 mm

Single link construction with central large anti-friction pivot, for high torsion and tensile resistance.
Frames opening from inner radius.
Vertical separators available.



Separator

- Unassembled	Part.no S325L
- Assembled	Part.no S325LMC

Technical characteristics when self-supported

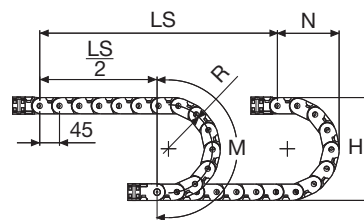
Speed	10 m/s
Acceleration	50 m/s ²

For higher requirements please consult our technical dept.

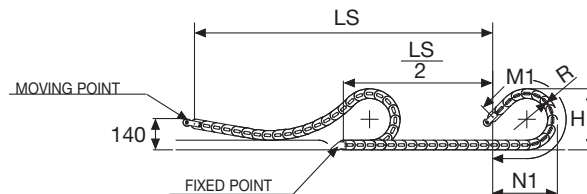
A	B	C	D	R	Weight/m	Chain
mm	mm	mm	mm	mm	kg	Part Number
57	38	40	25	075-100-125-150	1,15	325PI040 □□□*
77	38	60	25	075-100-125-150	1,30	325PI060 □□□*
93	38	76	25	075-100-125-150	1,40	325PI076 □□□*
120	38	103	25	075-100-125-150	1,70	325PI103 □□□*

*Complete the code by inserting the value of the radius (R): Ex. 325PI040 □□□□□

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



R	H	N	M	N1	M1
mm	mm	mm	mm	mm	mm
075	188	140	325	185	420
100	238	165	405	275	635
125	288	190	485	360	855
150	338	215	565	445	1075



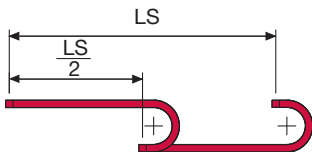
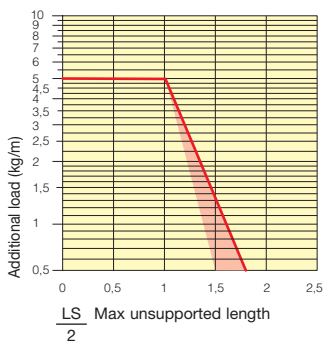
Length of chain (L)
Half travel distance ($\frac{LS}{2}$)
plus length of curve (M) or (M1)

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



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. Set complete with tiewrap clamps available on request.

Nylon Type

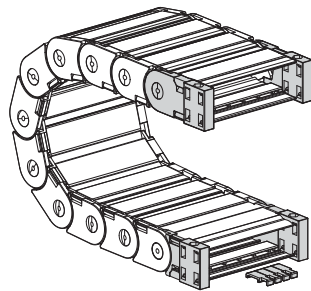
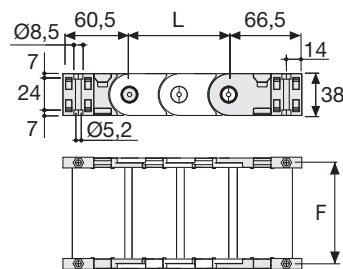


Fig. A
Chain fixed outside/inside the radius. (Fig A)



Chain Type	F mm
325PI...040	51
325PI...060	71
325PI...076	87
325PI...103	114

Nylon Type Part Numbers

Complete Set Assembled Chain	End Brackets Set
Type	Set
325PI...	AN325P □□□*KM

Complete Set Unassembled Chain	End Brackets Set
Type	Set
325PI...	AN325P □□□*K

Tiewrap Clamp	Part Number
Assembled	CFC325L □□□*KM
Unassembled	CFC325L □□□*K

Bright Zinc Plated Steel Type***

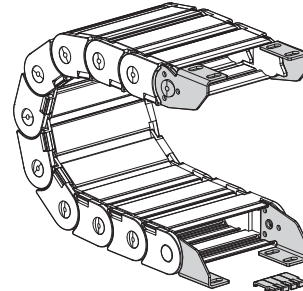
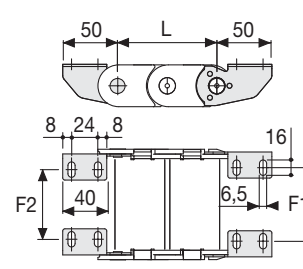


Fig. B
Chain fixed outside or inside the radius. (Fig B)



Chain Type	F2 mm	F1 mm
325PI...040	22	25,5
325PI...060	42	45,5
325PI...076	58	61,5
325PI...103	85	88,5

Bright Zinc Plated Steel Type Part Numbers

Complete Set Assembled Chain	End Brackets Set
Type	Set
325PI...	A325LK

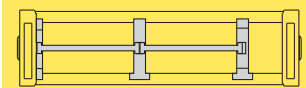
Tiewrap Clamp	Part Number
Assembled	CFC325L □□□*KM
Unassembled	CFC325L □□□*K

* Inner width (C)

***Available on request in stainless steel

Serie Protection

325PI Nylon Cable Chain with opening frames



Separation System
To choose the separators see page 188

3



Suitable to long travel distance.
To choose the guide channel see page 56

For further information please consult Brevetti Stendalto's Technical Office

Serie Protection

335PI

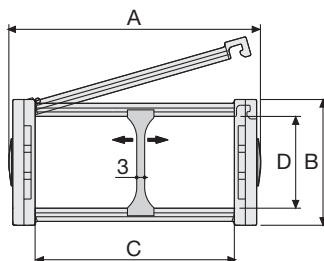
Nylon Cable Chain with opening covers

Inner height (D) 35 mm

Single link construction with central large anti-friction pivot, for high torsion and tensile resistance.

Opening frames from inner radius.

Vertical separators available.



Separator

- Unassembled	Part.no S4353
- Assembled	Part.no S4353MC

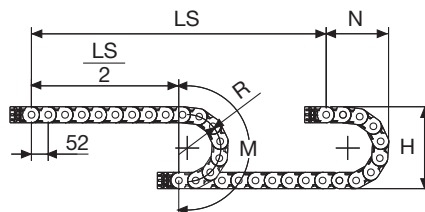
Technical characteristics when self-supported

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
56,5	50	40	35	100-125-150-200	1,27	335PI040□□□*
66,5	50	50	35	100-125-150-200	1,35	335PI050□□□*
76,5	50	60	35	100-125-150-200	1,44	335PI060□□□*
92,5	50	76	35	100-125-150-200	1,57	335PI076□□□*
119,5	50	103	35	100-125-150-200	1,81	335PI103□□□*
141,5	50	125	35	100-125-150-200	1,99	335PI125□□□*
166,5	50	150	35	100-125-150-200	2,21	335PI150□□□*

*Complete the code by inserting the value of the radius (R): Ex. 335PI040 1 0 0



R	H	N	M	N1	M1
mm	mm	mm	mm	mm	mm
100	250	204	420	230	530
125	300	229	500	320	750
150	350	254	580	405	970
200	450	304	735	580	1405

Length of chain (L)

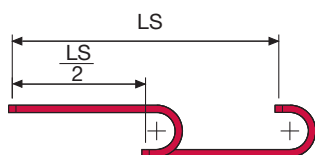
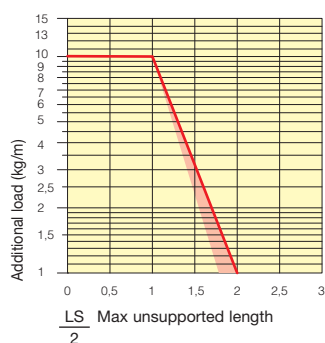
Half travel distance ($\frac{LS}{2}$)
plus length of curve (M)

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



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.

Set complete with tiwrap clamps available on request.

Nylon Type

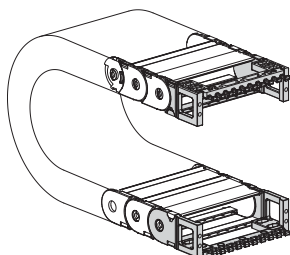
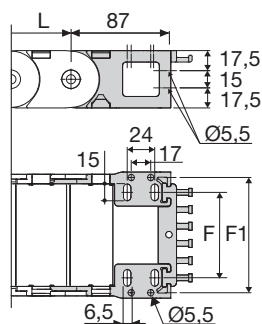


Fig. A
The chain can be fixed frontally,
inner or outer radius. (Fig A)



Chain type	F mm	F1 mm
335P...040	25	51
335P...050	35	61
335P...060	45	71
335P...076	61	87
335P...103	88	114
335P...125	110	136
335P...150	135	161

Nylon Type Part Numbers

Complete Set Assembled	
Chain	End Brackets
Type	Set
335	AN335P□□□*KM□**

Complete Set	Unassembled
Chain	End Brackets
Type	Set
335	AN335P□□□*K

Tiewrap Clamp	
	Part Number
335	PFN335□□□*

* Inner width (C)

** 1=Pos.1; 2=Pos.2; 3=Pos.3

335PI

Nylon Cable Chain with opening covers

Serie Protection

435PI/435PE

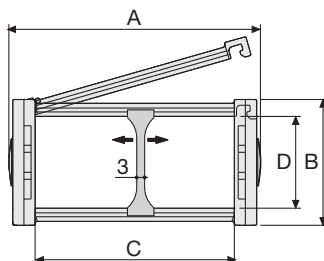
Nylon Protection Cable Chain with opening covers

Inner height (D) 35 mm

Sideband & Frame construction with large anti-friction single-pin.

Covers are opening from inner radius (435PI) or from outer radius (435PE).

Vertical separators are available.



Separator

- Unassembled	Part.no S4353
- Assembled	Part.no S4353MC

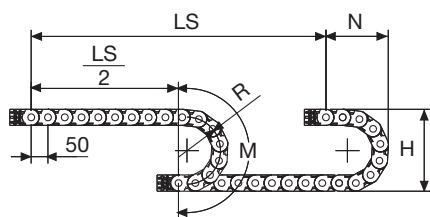
Pin

Part.no PG4353

Technical characteristics when self-supported

Speed	10 m/s
Acceleration	50 m/s ²

For higher requirements please consult our technical dept.



Length of chain (L)

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

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

A	B	C	D	R	Weight/m	Chain
mm	mm	mm	mm	mm	kg	Part Number
60	49	40	35	075-100-125-150-200	1,25	435PI(PE)040□□□*
70	49	50	35	075-100-125-150-200	1,40	435PI(PE)050□□□*
80	49	60	35	075-100-125-150-200	1,45	435PI(PE)060□□□*
96	49	76	35	075-100-125-150-200	1,60	435PI(PE)076□□□*
117	49	97	35	075-100-125-150-200	1,75	435PI(PE)097□□□*
123	49	103	35	075-100-125-150-200	1,90	435PI(PE)103□□□*
145	49	125	35	075-100-125-150-200	2,10	435PI(PE)125□□□*
170	49	150	35	075-100-125-150-200	2,35	435PI(PE)150□□□*

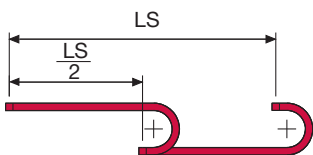
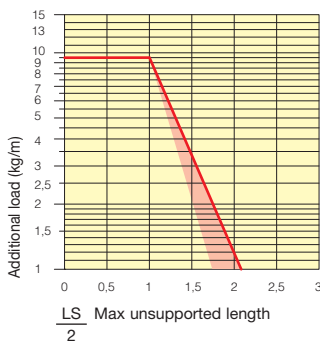
*Complete the code by inserting the value of the radius (R): Ex. 435PI(PE)040 □ □ □ □

R	H	N	M
mm	mm	mm	mm
075	199	155	340
100	249	175	415
125	299	200	495
150	349	230	575
200	449	275	730



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. Set complete with tiewrap clamps available on request.

Nylon Type

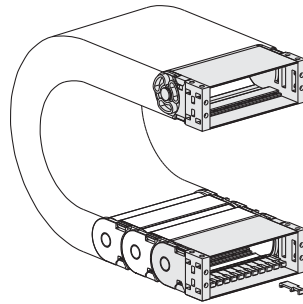
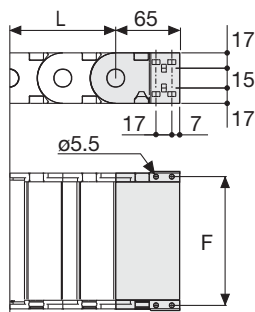


Fig. A
The chain can be fixed frontally, inner or outer radius. (Fig A)



Chain Type	F mm
435PI(PE)040	51
435PI(PE)050	61
435PI(PE)060	71
435PI(PE)076	87
435PI(PE)097	108
435PI(PE)103	114
435PI(PE)125	136
435PI(PE)150	161

Nylon Type Part Numbers

Complete Set Assembled
AN435P□□□*KM

Complete Set Unassembled
AN435P□□□*K

Tiewrap Clamp Part Number

Complete Set Assembled
CFC435M□□□*KM

Complete Set Unassembled
CFC435M□□□*K

Nylon Type

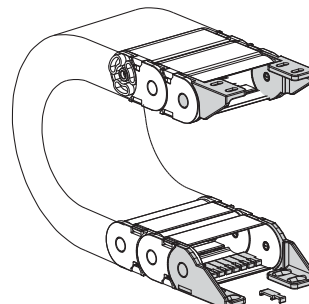
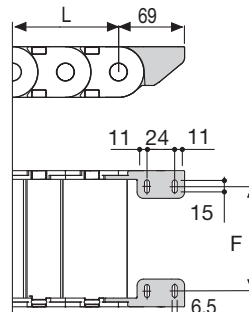


Fig. B
Chain fixed outside the radius. (Fig B)
See end brackets mounting variations page 31.



Chain Type	F mm
435PI(PE)040	26,5
435PI(PE)050	36,5
435PI(PE)060	46,5
435PI(PE)076	62,5
435PI(PE)097	83,5
435PI(PE)103	89,5
435PI(PE)125	111,5
435PI(PE)150	136,5

Nylon Type Part Numbers

Complete Set Assembled
AN435KM□****

Complete Set Unassembled
AN435K□****

Tiewrap Clamp Part Number

Complete Set Assembled
CFC435M□□□*KM

Complete Set Unassembled
CFC435M□□□*K

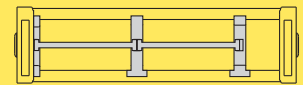
****1=Pos.1; 2=Pos.2; 3=Pos.3
5=Pos.5; 6=Pos.6

Serie Protection

435PI

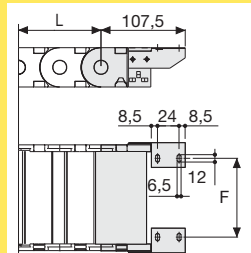
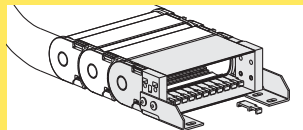
435PE

Nylon Protection Cable Chain
with opening covers



Separation System
To choose the separators see page 188

Bright Zinc Plated Steel Type***



F = A-30

Bright Zinc Plated Steel Type Part Numbers

Complete Set Assembled
A435P□□□*KM□**

Complete Set Unassembled
A435P□□□*K□**

Tiewrap Clamp Part Number

Complete Set Assembled
CFC435M□□□*KM

Complete Set Unassembled
CFC435M□□□*K

* Inner width (C)

** 1=Pos.1; 2=Pos.2; 3=Pos.3

*** Available on request in stainless steel

Serie Protection

445PI/445PE

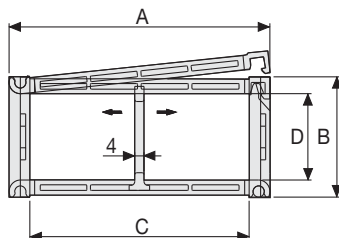
Nylon Protection Cable Chain with opening covers

Inner height (D) 45 mm

Sideband & Frame construction with large anti-friction single-pin.

Covers are opening from inner radius (445PI) or from outer radius (445PE).

Vertical separators are available.



Separator

- Unassembled	Part.no S445UF
- Assembled	Part.no S445UFMC

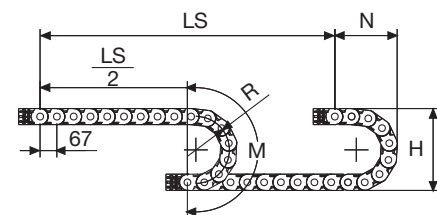
Pin

Part.no PG445

Technical characteristics when self-supported

Speed	10 m/s
Acceleration	50 m/s ²

For higher requirements please consult our technical dept.



Length of chain (L)

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

plus length of curve (M)

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

A	B	C	D	R	Weight/m	Chain
mm	mm	mm	mm	mm	kg	Part Number
72	64	50	45	100-125-150-175-200-250-300	1,83	445PI(PE)050□□□*
83	64	61	45	100-125-150-175-200-250-300	1,87	445PI(PE)061□□□*
97	64	75	45	100-125-150-175-200-250-300	2,05	445PI(PE)075□□□*
103	64	81	45	100-125-150-175-200-250-300	2,10	445PI(PE)081□□□*
117	64	95	45	100-125-150-175-200-250-300	2,23	445PI(PE)095□□□*
122	64	100	45	100-125-150-175-200-250-300	2,26	445PI(PE)100□□□*
129	64	107	45	100-125-150-175-200-250-300	2,31	445PI(PE)107□□□*
139	64	117	45	100-125-150-175-200-250-300	2,38	445PI(PE)117□□□*
147	64	125	45	100-125-150-175-200-250-300	2,49	445PI(PE)125□□□*
158	64	136	45	100-125-150-175-200-250-300	2,60	445PI(PE)136□□□*
172	64	150	45	100-125-150-175-200-250-300	2,71	445PI(PE)150□□□*
197	64	175	45	100-125-150-175-200-250-300	2,93	445PI(PE)175□□□*
222	64	200	45	100-125-150-175-200-250-300	3,17	445PI(PE)200□□□*
233	64	211	45	100-125-150-175-200-250-300	3,26	445PI(PE)211□□□*
247	64	225	45	100-125-150-175-200-250-300	3,39	445PI(PE)225□□□*
274	64	252	45	100-125-150-175-200-250-300	3,64	445PI(PE)252□□□*
283	64	261	45	100-125-150-175-200-250-300	3,71	445PI(PE)261□□□*
334	64	312	45	100-125-150-175-200-250-300	4,13	445PI(PE)312□□□*
356	64	334	45	100-125-150-175-200-250-300	4,35	445PI(PE)334□□□*
384	64	362	45	100-125-150-175-200-250-300	4,59	445PI(PE)362□□□*

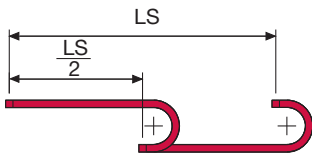
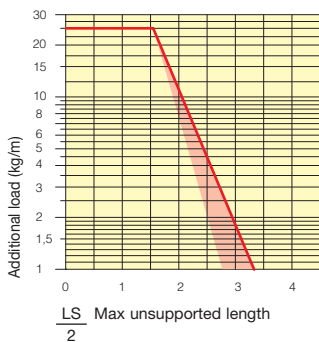
*Complete the code by inserting the value of the radius (R): Ex. 445PI(PE)050 □ □ □ □

R	H	N	M
mm	mm	mm	mm
100	264	200	450
125	314	225	530
150	364	250	605
175	414	275	685
200	464	300	765
250	564	350	920
300	664	400	1080



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. Set complete with tiewrap clamps available on request.

Nylon Type

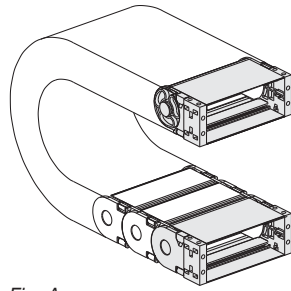
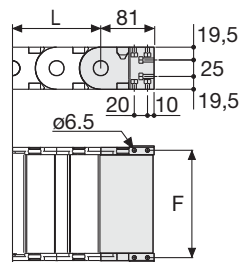


Fig. A
The chain can be fixed frontally, inner or outer radius. (Fig A)



Chain Type	F mm
445PI(PE)050	63
445PI(PE)061	74
445PI(PE)075	88
445PI(PE)081	94
445PI(PE)095	108
445PI(PE)100	113
445PI(PE)107	120
445PI(PE)117	130
445PI(PE)125	138
445PI(PE)136	149
445PI(PE)150	163
445PI(PE)175	188
445PI(PE)200	213
445PI(PE)211	224
445PI(PE)225	238
445PI(PE)252	265
445PI(PE)261	274
445PI(PE)312	325
445PI(PE)334	347
445PI(PE)362	375

Nylon Type Part Numbers

Complete Set Assembled
AN445P□□□*KM

Complete Set Unassembled
AN445P□□□*K

Tiewrap Clamp Part Numbers

Complete Set Assembled
CFC445M□□□*KM

Complete Set Unassembled
CFC445M□□□*K

Nylon Type

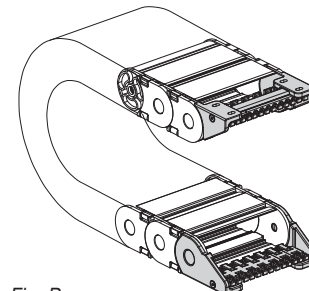
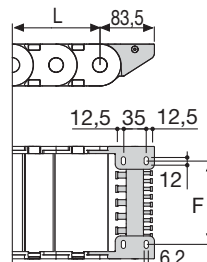


Fig. B
Chain fixed outside the radius. (Fig B)
See end brackets mounting variations page 31.



Chain Type	F mm
445PI(PE)050	28
445PI(PE)061	39
445PI(PE)075	53
445PI(PE)081	59
445PI(PE)095	73
445PI(PE)100	78
445PI(PE)107	85
445PI(PE)117	95
445PI(PE)125	103
445PI(PE)136	114
445PI(PE)150	128
445PI(PE)175	153
445PI(PE)200	178
445PI(PE)211	189
445PI(PE)225	203
445PI(PE)252	230
445PI(PE)261	239
445PI(PE)312	290
445PI(PE)334	312
445PI(PE)362	340

Nylon Type Part Numbers

Complete Set Assembled
AN445KM□****

Complete Set Unassembled
AN445K□****

Tiewrap Clamp Part Numbers

Complete Set Assembled
SFCT445□□□*KM

Complete Set Unassembled
SFCT445□□□*K

****1=Pos.1; 2=Pos.2; 3=Pos.3
5=Pos.5; 6=Pos.6

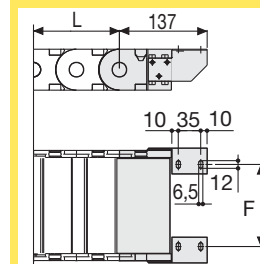
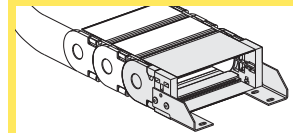
Serie Protection

445PI

445PE

Nylon Protection Cable Chain
with opening covers

Bright Zinc Plated Steel Type***



F = A-44

Bright Zinc Plated Steel Type Part Numbers

Complete Set Assembled
A445P□□□*KM□**

Complete Set Unassembled
A445P□□□*K□**

* Inner width (C)

** 1=Pos.1; 2=Pos.2; 3=Pos.3

*** Available on request in stainless steel

For further information please
consult Brevetti Stendalto's
Technical Office

Serie Protection

445AI/445AE

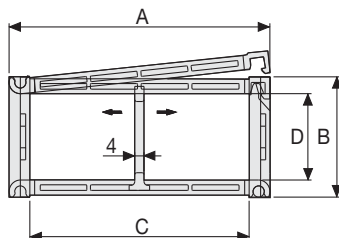
Nylon Protection Cable Chain with opening aluminium covers

Inner height (D) 45 mm

Sideband & Frame construction with large anti-friction single-pin.

Covers are opening from inner radius (445AI) or from outer radius (445AE).

Vertical separators are available.



Separator

- Unassembled	Part.no S445UF
- Assembled	Part.no S445UFMC

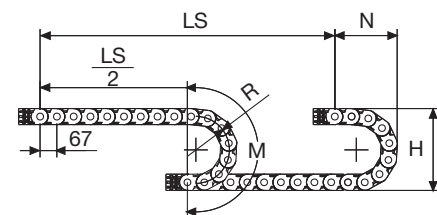
Pin

Part.no PG445

Technical characteristics when self-supported

Speed	10 m/s
Acceleration	50 m/s ²

For higher requirements please consult our technical dept.



Length of chain (L)

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

plus length of curve (M)

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

A	B	C	D	R	Weight/m	Chain
mm	mm	mm	mm	mm	kg	Part Number
72	64	50	45	100-125-150-175-200-250-300	2,13	445AI(AE)050□□□*
83	64	61	45	100-125-150-175-200-250-300	2,24	445AI(AE)061□□□*
97	64	75	45	100-125-150-175-200-250-300	2,49	445AI(AE)075□□□*
103	64	81	45	100-125-150-175-200-250-300	2,59	445AI(AE)081□□□*
117	64	95	45	100-125-150-175-200-250-300	2,79	445AI(AE)095□□□*
122	64	100	45	100-125-150-175-200-250-300	2,85	445AI(AE)100□□□*
129	64	107	45	100-125-150-175-200-250-300	2,95	445AI(AE)107□□□*
139	64	117	45	100-125-150-175-200-250-300	3,08	445AI(AE)117□□□*
147	64	125	45	100-125-150-175-200-250-300	3,24	445AI(AE)125□□□*
158	64	136	45	100-125-150-175-200-250-300	3,41	445AI(AE)136□□□*
172	64	150	45	100-125-150-175-200-250-300	3,61	445AI(AE)150□□□*
197	64	175	45	100-125-150-175-200-250-300	3,97	445AI(AE)175□□□*
222	64	200	45	100-125-150-175-200-250-300	4,35	445AI(AE)200□□□*
233	64	211	45	100-125-150-175-200-250-300	4,51	445AI(AE)211□□□*
247	64	225	45	100-125-150-175-200-250-300	4,73	445AI(AE)225□□□*
274	64	252	45	100-125-150-175-200-250-300	5,13	445AI(AE)252□□□*
283	64	261	45	100-125-150-175-200-250-300	5,26	445AI(AE)261□□□*
334	64	312	45	100-125-150-175-200-250-300	6,00	445AI(AE)312□□□*
356	64	334	45	100-125-150-175-200-250-300	6,33	445AI(AE)334□□□*
384	64	362	45	100-125-150-175-200-250-300	6,73	445AI(AE)362□□□*

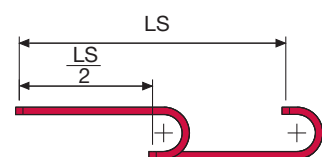
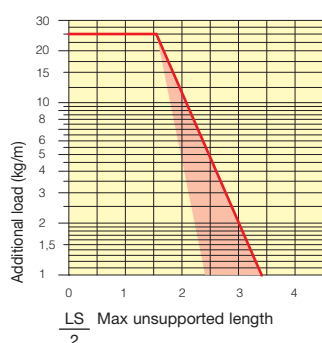
*Complete the code by inserting the value of the radius (R): Ex. 445AI(AE)050 □ □ □ □

R	H	N	M
mm	mm	mm	mm
100	264	200	450
125	314	225	530
150	364	250	605
175	414	275	685
200	464	300	765
250	564	350	920
300	664	400	1080



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. Set complete with tiewrap clamps available on request.

Nylon Type

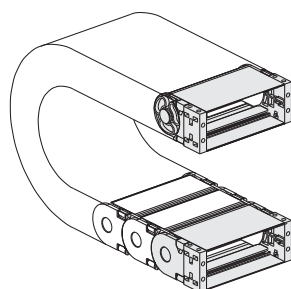
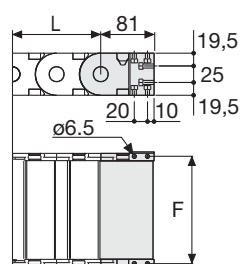


Fig. A
The chain can be fixed frontally, inner or outer radius. (Fig A)



Chain Type	F mm
445AI(AE)050	63
445AI(AE)061	74
445AI(AE)075	88
445AI(AE)081	94
445AI(AE)095	108
445AI(AE)100	113
445AI(AE)107	120
445AI(AE)117	130
445AI(AE)125	138
445AI(AE)136	149
445AI(AE)150	163
445AI(AE)175	188
445AI(AE)200	213
445AI(AE)211	224
445AI(AE)225	238
445AI(AE)252	265
445AI(AE)261	274
445AI(AE)312	325
445AI(AE)334	347
445AI(AE)362	375

Nylon Type Part Numbers

Complete Set Assembled
AN445A□□□*KM

Complete Set Unassembled
AN445A□□□*K

Tiewrap Clamp Part Numbers

Complete Set Assembled
CFC445M □□□*KM

Complete Set Unassembled
CFC445M □□□*K

Nylon Type

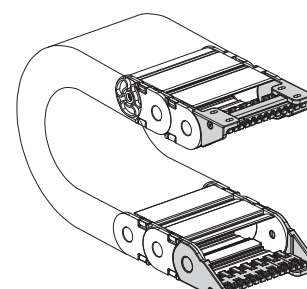
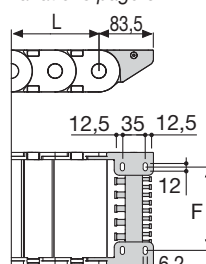


Fig. B
Chain fixed outside the radius. (Fig B)
See end brackets mounting variations page 31.



Chain Type	F mm
445AI(AE)050	28
445AI(AE)061	39
445AI(AE)075	53
445AI(AE)081	59
445AI(AE)095	73
445AI(AE)100	78
445AI(AE)107	85
445AI(AE)117	95
445AI(AE)125	103
445AI(AE)136	114
445AI(AE)150	128
445AI(AE)175	153
445AI(AE)200	178
445AI(AE)211	189
445AI(AE)225	203
445AI(AE)252	230
445AI(AE)261	239
445AI(AE)312	290
445AI(AE)334	312
445AI(AE)362	340

Nylon Type Part Numbers

Complete Set Assembled
AN445KM □ ***

Complete Set Unassembled
AN445K □ ***

Tiewrap Clamp Part Numbers

Complete Set Assembled
SFCT445□□□*KM

Complete Set Unassembled
SFCT445□□□*K

****1=Pos.1; 2=Pos.2; 3=Pos.3
5=Pos.5; 6=Pos.6

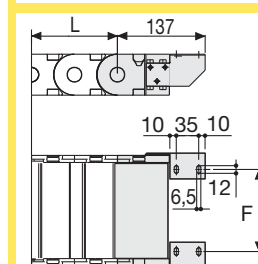
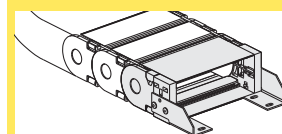
Serie Protection

445AI

445AE

Nylon Protection Cable Chain with opening aluminium covers

Bright Zinc Plated Steel Type***



F = A-44

Bright Zinc Plated Steel Type Part Numbers

Complete Set Assembled
A445A□□□*KM □ **

Complete Set Unassembled
A445A□□□*K □ **

* Inner width (C)

** 1=Pos.1; 2=Pos.2; 3=Pos.3

*** Available on request in stainless steel

For further information please consult Brevetti Stendalto's Technical Office

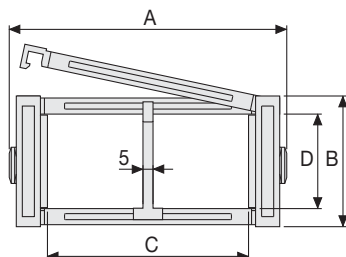
Serie Protection

475PI/475PE

Nylon Protection Cable Chain with opening covers

Inner height (D) 75,5 mm

Sideband & Frame construction with large anti-friction single-pin.
Covers are opening from inner radius (475PI) or from outer radius (475PE).
Vertical and horizontal modular separator system is available.



Separator

- Unassembled	Part.no S309S
- Assembled	Part.no S309SMC

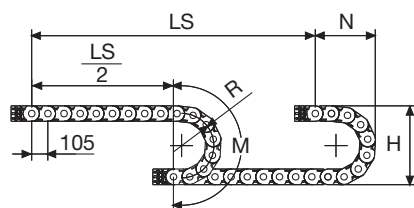
Pin

Part.no PG475

Technical characteristics when self-supported

Speed	8 m/s
Acceleration	40 m/s ²

For higher requirements please consult our technical dept.



Length of chain (L)

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

plus length of curve (M)

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

R mm	H mm	N mm	M mm
180	460,5	335	775
200	500,5	355	840
250	600,5	405	995
300	700,5	460	1155
350	800,5	505	1310
400	900,5	560	1470

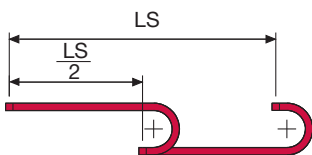
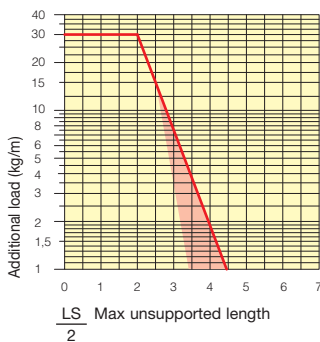
A mm	B mm	C mm	D mm	R mm	Weight/m kg	Chain Part Number
112	100,5	74	75,5	180-200-250-300-350-400	4,60	475PI(PE)074□□□*
132	100,5	94	75,5	180-200-250-300-350-400	4,80	475PI(PE)094□□□*
157	100,5	119	75,5	180-200-250-300-350-400	5,10	475PI(PE)119□□□*
164	100,5	126	75,5	180-200-250-300-350-400	5,15	475PI(PE)126□□□*
187	100,5	149	75,5	180-200-250-300-350-400	5,40	475PI(PE)149□□□*
227	100,5	189	75,5	180-200-250-300-350-400	5,80	475PI(PE)189□□□*
262	100,5	224	75,5	180-200-250-300-350-400	6,20	475PI(PE)224□□□*
288	100,5	250	75,5	180-200-250-300-350-400	6,50	475PI(PE)250□□□*
312	100,5	274	75,5	180-200-250-300-350-400	6,75	475PI(PE)274□□□*
338	100,5	300	75,5	180-200-250-300-350-400	7,05	475PI(PE)300□□□*
362	100,5	324	75,5	180-200-250-300-350-400	7,30	475PI(PE)324□□□*
388	100,5	350	75,5	180-200-250-300-350-400	7,55	475PI(PE)350□□□*
412	100,5	374	75,5	180-200-250-300-350-400	7,85	475PI(PE)374□□□*
467	100,5	429	75,5	180-200-250-300-350-400	8,50	475PI(PE)429□□□*
536	100,5	498	75,5	180-200-250-300-350-400	9,20	475PI(PE)498□□□*

*Complete the code by inserting the value of the radius (R): Ex. 475PI(PE)119 1 5 0



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).

Bright Zinc Plated Steel End Brackets***

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

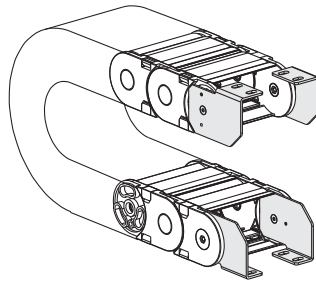
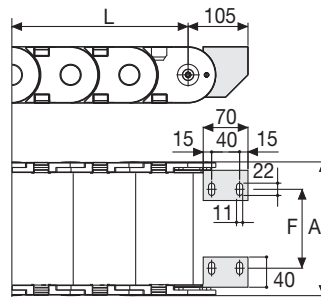


Fig. A
Chain fixed outside the radius. (Fig A)
See end brackets mounting variations page 31.



Chain Type	F mm
475PI(PE)074	35
475PI(PE)094	55
475PI(PE)119	80
475PI(PE)126	87
475PI(PE)149	110
475PI(PE)189	150
475PI(PE)224	185
475PI(PE)250	211
475PI(PE)274	235
475PI(PE)300	261
475PI(PE)324	285
475PI(PE)350	311
475PI(PE)374	335
475PI(PE)498	459

Bright Zinc Plated Steel Type Part Numbers

Complete Set Assembled	End Brackets
Chain	Set
Type	Set
475...	A475P□□□*KM□**

Complete Set Unassembled	End Brackets
Chain	Set
Type	Set
475...	A475P□□□*K□**

** 1=Pos.1; 2=Pos.2; 3=Pos.3

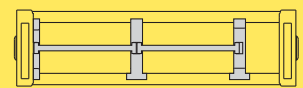
*** Available on request in stainless steel

Serie Protection

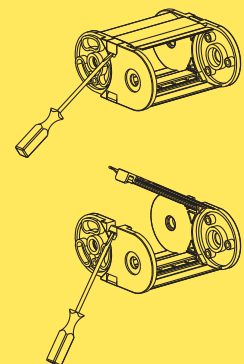
475PI

475PE

Nylon Protection Cable Chain
with opening covers



Separation System
To choose the separators see
page. 188



How to open the cover.

For further information please
consult Brevetti Stendalto's
Technical Office

Serie Protection

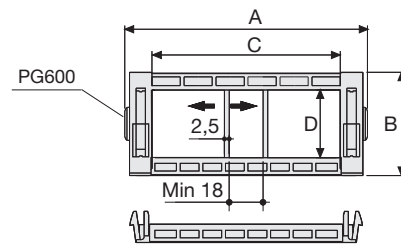
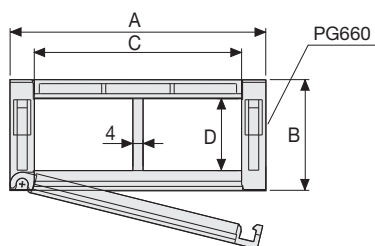
660

Nylon Protection Cable Chain with opening covers

Inner height (D) 36 mm

Double share Sideband & Frame construction with large anti-friction single-pin. Covers are opening from inner radius.

Vertical separators are available.



Separator

- Unassembled	Part.no S660
- Assembled	Part.no S660MC

Separator

- Unassembled	Part.no S600
- Assembled	Part.no S600MC

Technical characteristics when self-supported

Speed	6 m/s
Acceleration	30 m/s ²

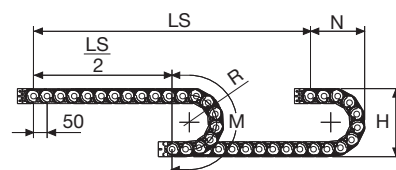
For higher requirements please consult our technical dept.

A	B	C	D	R	Weight/m	Chain
mm	mm	mm	mm	mm	kg	Part Number
79	55	50	36	100-150-200-250	1,90	660050□□□*
129	55	100	36	100-150-200-250	2,40	660100□□□*
179	55	150	36	100-150-200-250	3,00	60015□□**

*Complete the code by inserting the value of the radius (R): Ex. 660050 □□□

**Complete the code by inserting the value of the radius (R): Ex. 60015 □

Where: 0=100; 1=150; 2=200; 3=250



R	H	N	M
mm	mm	mm	mm
100	255	180	415
150	355	230	575
200	455	280	730
250	555	330	885

Length of chain (L)

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

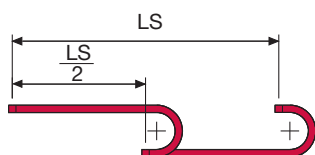
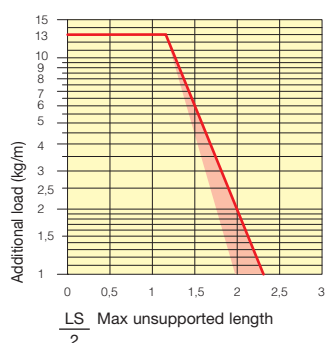
plus length of curve (M)

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



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.

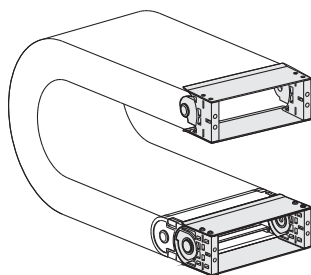
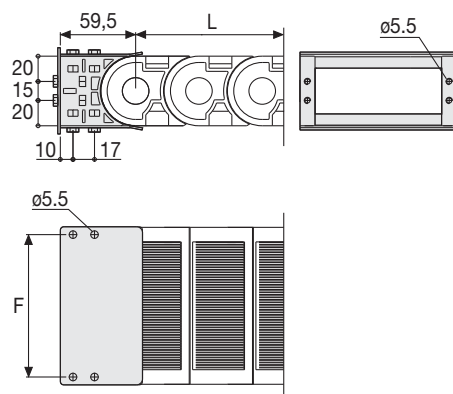


Fig. A
The chain can be fixed frontally, inner or outer radius. (Fig A)



Chain Type	F mm
660 C=50	62
660 C=100	112
600 C=150	162

Nylon Type Part Numbers

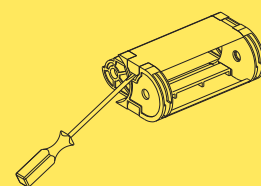
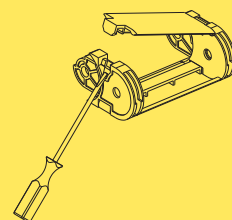
Complete Set Assembled	
Chain Type	End Brackets Set
660 C=50	AN660050KM
660 C=100	AN660100KM
600 C=150	AL600KM

Complete Set Unassembled	
Chain Type	End Brackets Set
660 C=50	AN660050K
660 C=100	AN660100K
600 C=150	AL600K

Serie Protection

660

Nylon Protection Cable Chain
with opening covers



How to open the cover.

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



For further information please consult Brevetti Stendalto's Technical Office

Serie Protection

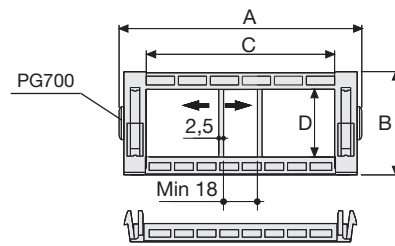
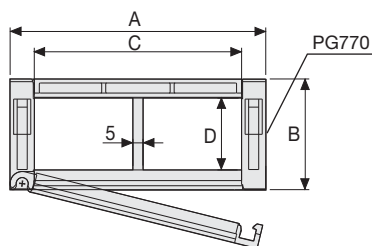
770

Nylon Protection Cable Chain with opening covers

Inner height (D) 51 mm

Double share Sideband & Frame construction with large anti-friction single-pin. Covers are opening from inner radius.

Vertical separators are available.



Separator

- Unassembled	Part.no S770
- Assembled	Part.no S770MC

Separator

- Unassembled	Part.no S700
- Assembled	Part.no S700MC

Technical characteristics when self-supported

Speed	6 m/s
Acceleration	30 m/s ²

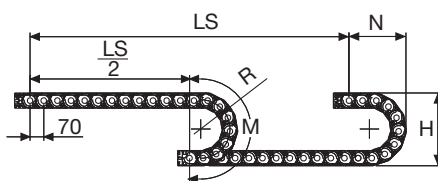
For higher requirements please consult our technical dept.

A	B	C	D	R	Weight/m	Chain
mm	mm	mm	mm	mm	kg	Part Number
120	78	85	51	150-200-250-300	3,30	770085□□□*
135	78	100	51	150-200-250-300	3,90	770100□□□*
185	78	150	51	150-200-250-300	4,10	770150□□□*
235	78	200	51	150-200-250-300	4,50	770200□□□*
285	78	250	51	150-200-250-300	5,00	770250□□□**

*Complete the code by inserting the value of the radius (R): Ex. 770085 □ 5 □ □

**Complete the code by inserting the value of the radius (R): Ex. 770250 □

Where: 0=150; 1=200; 2=250; 3=300



R	H	N	M
mm	mm	mm	mm
150	378	260	615
200	478	310	770
250	578	365	930
300	678	410	1085

Length of chain (L)

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

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



Serie Protection

306CU

Replace 306CI/CE series

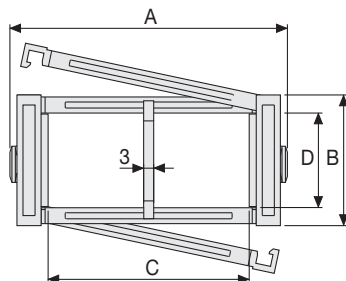
Nylon Protection Cable Chain with opening aluminium covers

Inner height (D) 37 mm

Strong double share Sideband & Frame construction with large anti-friction triple-pin.

Covers are opening from inner and outer radius.

Vertical separators are available.



Separator

- Unassembled	Part.no S306SM
- Assembled	Part.no S306SMMC

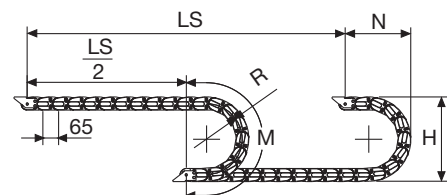
Pin

Part.no PG307

Technical characteristics when self-supported

Speed	8 m/s
Acceleration	40 m/s ²

For higher requirements please consult our technical dept.



Length of chain (L)

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

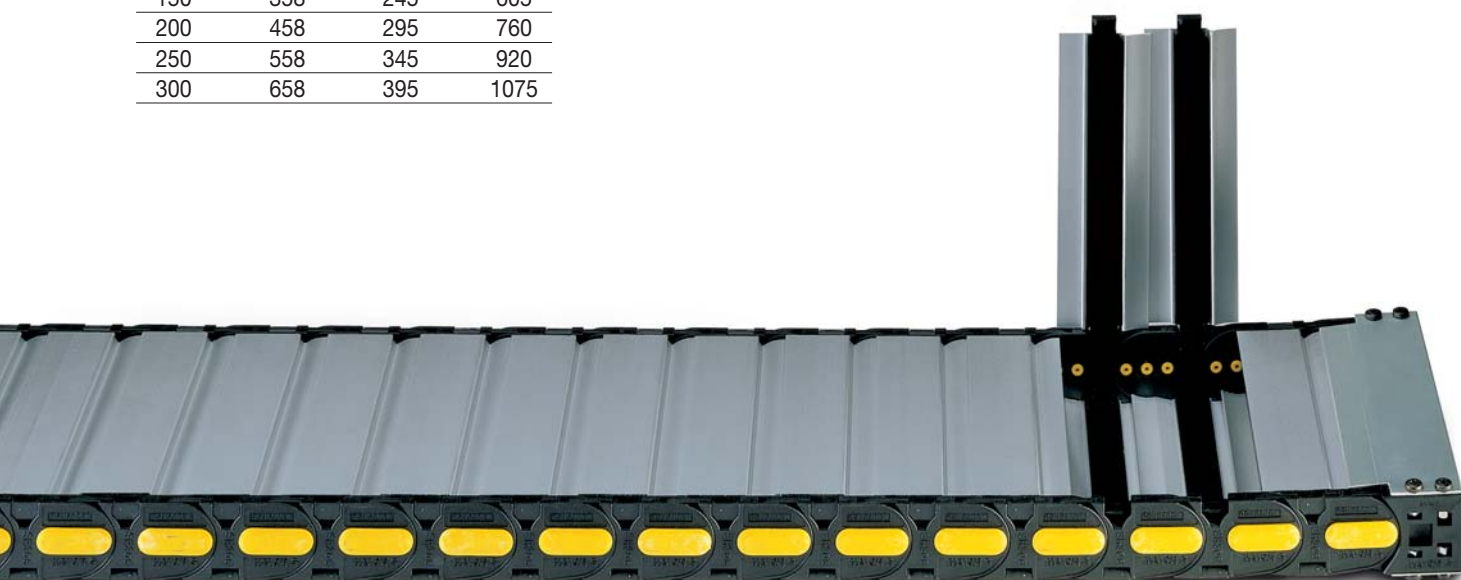
plus length of curve (M)

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

A mm	B mm	C mm	D mm	R mm	Weight/m kg	Chain Part Number
79	55	43	37	107-150-200-250-300	1,85	306CU043□□□*
90	55	54	37	107-150-200-250-300	1,90	306CU054□□□*
104	55	68	37	107-150-200-250-300	2,04	306CU068□□□*
110	55	74	37	107-150-200-250-300	2,09	306CU074□□□*
124	55	88	37	107-150-200-250-300	2,20	306CU088□□□*
129	55	93	37	107-150-200-250-300	2,22	306CU093□□□*
136	55	100	37	107-150-200-250-300	2,27	306CU100□□□*
146	55	110	37	107-150-200-250-300	2,33	306CU110□□□*
154	55	118	37	107-150-200-250-300	2,42	306CU118□□□*
165	55	129	37	107-150-200-250-300	2,50	306CU129□□□*
179	55	143	37	107-150-200-250-300	2,61	306CU143□□□*
204	55	168	37	107-150-200-250-300	2,80	306CU168□□□*
229	55	193	37	107-150-200-250-300	3,00	306CU193□□□*
240	55	204	37	107-150-200-250-300	3,08	306CU204□□□*
254	55	218	37	107-150-200-250-300	3,19	306CU218□□□*
281	55	245	37	107-150-200-250-300	3,40	306CU245□□□*
290	55	254	37	107-150-200-250-300	3,47	306CU254□□□*
341	55	305	37	107-150-200-250-300	3,84	306CU305□□□*
363	55	327	37	107-150-200-250-300	4,01	306CU327□□□*
391	55	355	37	107-150-200-250-300	4,22	306CU355□□□*

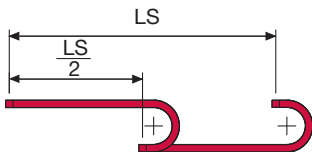
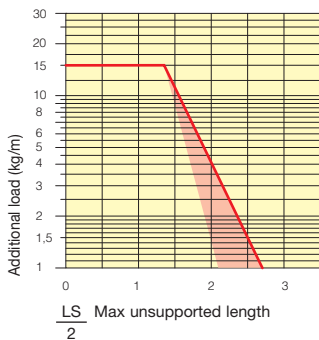
*Complete the code by inserting the value of the radius (R): Ex. 306CU110 7 5 0

R mm	H mm	N mm	M mm
107	272	205	470
150	358	245	605
200	458	295	760
250	558	345	920
300	658	395	1075



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 nylon 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

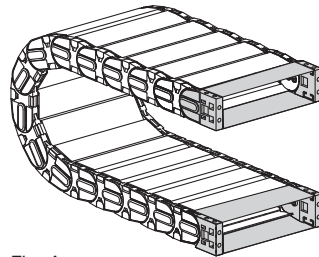


Fig. A
The chain can be fixed frontally, inner or outer radius. (Fig A)

Nylon Type

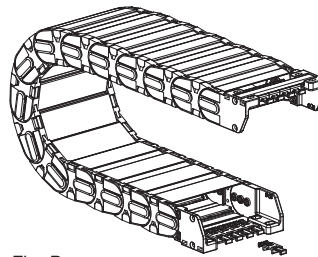
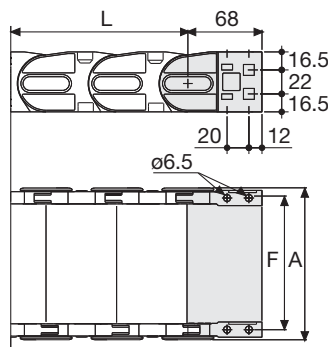


Fig. B
Chain fixed outside the radius. (Fig B)
See end brackets mounting variations page 31.



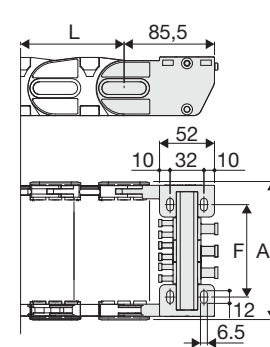
Chain Type	F mm
306CU043	61
306CU054	72
306CU068	86
306CU074	92
306CU088	106
306CU093	111
306CU100	118
306CU110	128
306CU118	136
306CU129	147
306CU143	161
306CU168	186
306CU193	211
306CU204	222
306CU218	236
306CU245	263
306CU254	272
306CU305	323
306CU327	345
306CU355	373

Nylon Type Part Numbers

Complete Set Assembled Chain	End Brackets Set
306	AN306C□□□*KM

Complete Set Unassembled Chain	End Brackets Set
306	AN306C□□□*K

306	AN306C□□□*K
-----	-------------



Chain Type	F mm
306CU043	36
306CU054	47
306CU068	61
306CU074	67
306CU088	81
306CU093	86
306CU100	93
306CU110	103
306CU118	111
306CU129	122
306CU143	136
306CU168	161
306CU193	186
306CU204	197
306CU218	211
306CU245	238
306CU254	247
306CU305	298
306CU327	320
306CU355	348

Nylon Type Part Numbers

Complete Set Assembled Chain	End Brackets Set
306	ANL306KM□**

Complete Set Unassembled Chain	End Brackets Set
306	ANL306K□**

306	ANL306K□**
-----	------------

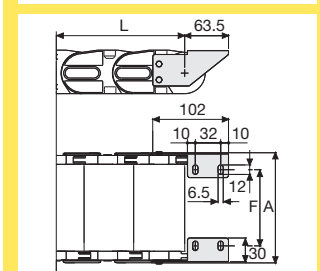
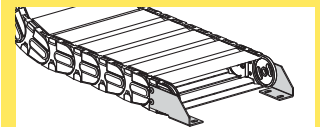
Tiewrap Clamp
Assembl. SFCTL306S□□□*KM
Unassembl. SFCTL306S□□□*K

Serie Protection

306CU

Nylon Protection Cable Chain with opening aluminium covers

Bright Zinc Plated Steel Type***



F = A-43

Bright Zinc Plated Steel Type Part Numbers

Complete Set Assembled Chain	End Brackets Set
306	A306CU□□□*KM□**

Complete Set Unassembled Chain	End Brackets Set
306	A306CU□□□*K□**

306	A306CU□□□*K□**
-----	----------------

Tiewrap Clamp
Assembl. SFCT306S□□□*KM
Unassembl. SFCT306S□□□*K

* Inner width (C)
** 1=Pos.1; 2=Pos.2; 3=Pos.3
*** Available on request in stainless steel

Serie Protection

308CU

Replace 308CI/CE series

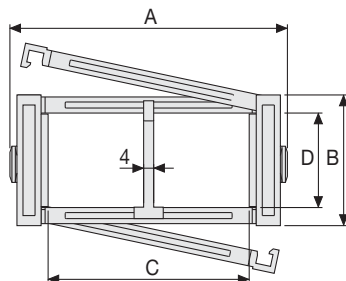
Nylon Protection Cable Chain with opening aluminium covers

Inner height (D) 57 mm

Strong double share Sideband & Frame construction with large anti-friction triple-pin.

Covers are opening from inner and outer radius.

Vertical separators are available.



Separator

- Unassembled	Part.no S308C
- Assembled	Part.no S308CMCI for chain opening outer radius
- Assembled	Part.no S308CMCE for chain opening inner radius

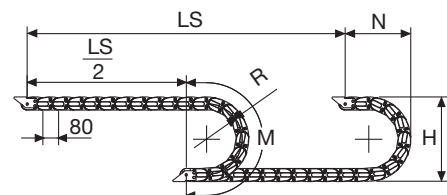
Pin

Part.no PG308

Technical characteristics when self-supported

Speed	8 m/s
Acceleration	40 m/s ²

For higher requirements please consult our technical dept.



Length of chain (L)

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

plus length of curve (M)

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

A mm	B mm	C mm	D mm	R mm	Weight/m kg	Chain Part Number
82	75	38	57	150-180-200-230-280-400	2,90	308CU038□□□*
93	75	49	57	150-180-200-230-280-400	3,01	308CU049□□□*
107	75	63	57	150-180-200-230-280-400	3,19	308CU063□□□*
113	75	69	57	150-180-200-230-280-400	3,27	308CU069□□□*
127	75	83	57	150-180-200-230-280-400	3,43	308CU083□□□*
132	75	88	57	150-180-200-230-280-400	3,48	308CU088□□□*
139	75	95	57	150-180-200-230-280-400	3,56	308CU095□□□*
149	75	105	57	150-180-200-230-280-400	3,67	308CU105□□□*
157	75	113	57	150-180-200-230-280-400	3,77	308CU113□□□*
168	75	124	57	150-180-200-230-280-400	3,91	308CU124□□□*
182	75	138	57	150-180-200-230-280-400	4,06	308CU138□□□*
207	75	163	57	150-180-200-230-280-400	4,36	308CU163□□□*
232	75	188	57	150-180-200-230-280-400	4,65	308CU188□□□*
243	75	199	57	150-180-200-230-280-400	4,78	308CU199□□□*
257	75	213	57	150-180-200-230-280-400	4,94	308CU213□□□*
284	75	240	57	150-180-200-230-280-400	5,25	308CU240□□□*
293	75	249	57	150-180-200-230-280-400	5,37	308CU249□□□*
344	75	300	57	150-180-200-230-280-400	5,95	308CU300□□□*
366	75	322	57	150-180-200-230-280-400	6,20	308CU322□□□*
394	75	350	57	150-180-200-230-280-400	6,11	308CU350□□□*

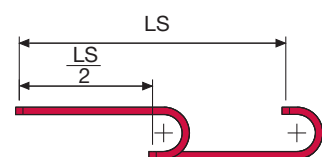
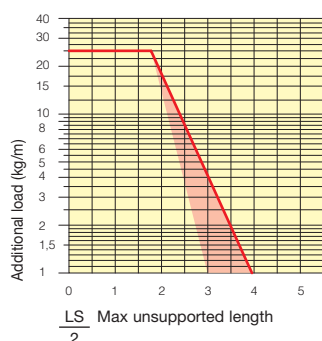
*Complete the code by inserting the value of the radius (R): Ex. 308CU105 □ □ □ □

R mm	H mm	N mm	M mm
150	375	270	635
180	435	300	725
200	475	320	790
230	535	350	885
280	635	400	1040
400	875	520	1420



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 nylon 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

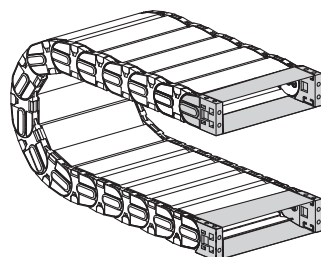


Fig. A
The chain can be fixed frontally, inner or outer radius. (Fig A)

Bright Zinc Plated Steel Type***

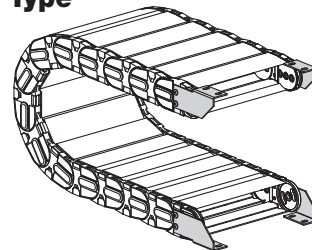
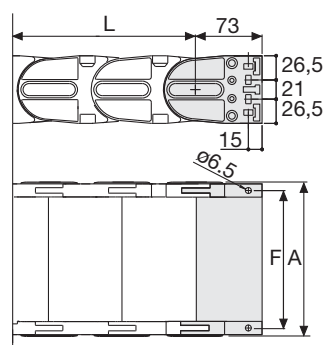


Fig. A
Chain fixed outside the radius. (Fig A)
See end brackets mounting variations page 31.

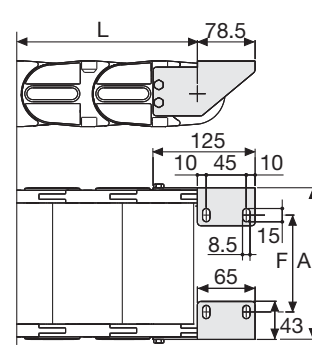


Chain Type	F mm
308CU038	62
308CU049	73
308CU063	87
308CU069	93
308CU083	107
308CU088	112
308CU095	119
308CU105	129
308CU113	137
308CU124	148
308CU138	162
308CU163	187
308CU188	212
308CU199	223
308CU213	237
308CU240	264
308CU249	273
308CU300	324
308CU322	346
308CU350	374

Nylon Type Part Numbers

Complete Set Assembled Chain Type	End Brackets Set
308	AN308C□□□*KM

Complete Set Unassembled Chain Type	End Brackets Set
308	AN308C□□□*K



Chain Type	F mm
308CU038	20
308CU049	31
308CU063	45
308CU069	51
308CU083	65
308CU088	70
308CU095	77
308CU105	87
308CU113	95
308CU124	106
308CU138	120
308CU163	145
308CU188	170
308CU199	181
308CU213	195
308CU240	222
308CU249	231
308CU300	282
308CU322	304
308CU350	332

Bright Zinc Plated Steel Type Part Numbers

Complete Set Assembled Chain Type	End Brackets Set
308	A308CU□□□*KM□**

Complete Set Unassembled Chain Type	End Brackets Set
308	A308CU□□□*K□**

Tiewrap Clamp
Assembl. SFCT308S □□□*KM
Unassembl. SFCT308S □□□*K

* Inner width (C)

** 1=Pos.1; 2=Pos.2; 3=Pos.3

*** Available on request in stainless steel

Serie Protection

308CU

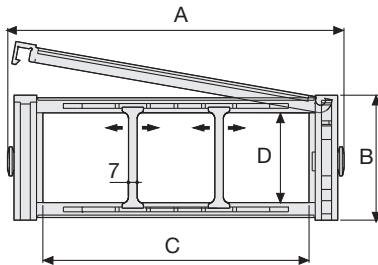
Nylon Protection Cable Chain with opening aluminium covers

Serie Protection

309C Nylon Protection Cable Chain with opening covers

Inner height (D) 72 mm

Strong double share Sideband & Frame construction with large anti-friction triple-pin.
Covers are opening from outer radius
Vertical and horizontal separator systems are available.



Separator

- Unassembled	Part.no S309PO
- Assembled	Part.no S309POMC

Pin

Part.no PG309

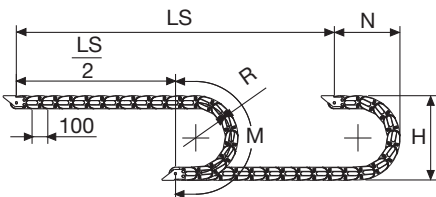
Technical characteristics when self-supported

Speed	8 m/s
Acceleration	40 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
256	100	200	72	200-250-300-350-400-500	5,7	309C200□□□*
356	100	300	72	200-250-300-350-400-500	6,8	309C300□□□*
456	100	400	72	200-250-300-350-400-500	7,9	309C400□□□*

*Complete the code by inserting the value of the radius (R): Ex. 309C200 □ □ □ □



R	H	N	M
mm	mm	mm	mm
200	506	350	830
250	606	400	985
300	706	455	1145
350	806	500	1300
400	906	555	1460
500	1106	650	1770

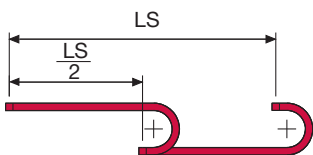
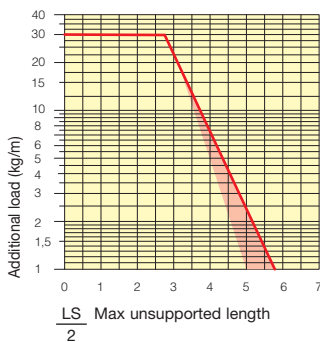
Length of chain (L)
Half travel distance ($\frac{LS}{2}$)
plus length of curve (M)

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



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.

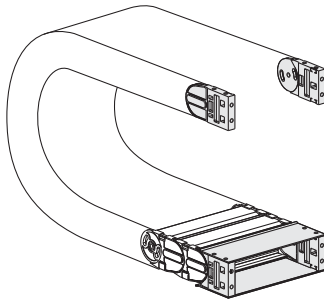
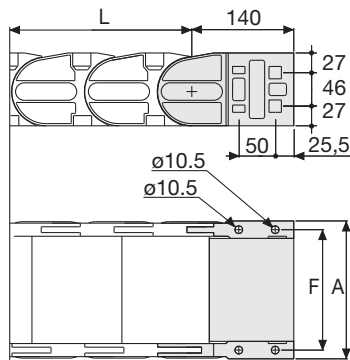


Fig. A
The chain can be fixed frontally, inner or outer radius. (Fig A)



Chain Type	F mm
309C200	229
309C300	329
309C400	429

Nylon Type Part Numbers

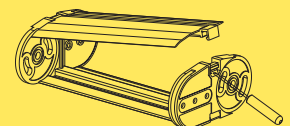
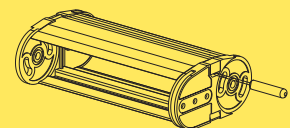
Complete Set Assembled	
Chain Type	End Brackets Set
309C200	AN309C200KM
309C300	AN309C300KM
309C400	AN309C400KM

Complete Set Unassembled	
Chain Type	End Brackets Set
309C200	AN309C200K
309C300	AN309C300K
309C400	AN309C400K

Serie Protection

309C

Nylon Protection Cable Chain
with opening covers



How to open the cover.

For further information please consult Brevetti Stendalto's Technical Office

Serie Protection

309CU

Replace 309CI/CE series

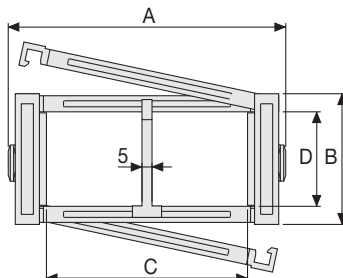
Nylon Protection Cable Chain with opening aluminium covers

Inner height (D) 75,5 mm

Strong double share Sideband & Frame construction with large anti-friction triple-pin.

Covers are opening from inner and outer radius.

Vertical separators are available.



Separator

- Unassembled	Part.no S309S
- Assembled	Part.no S309SMCI for chain opening outer radius
- Assembled	Part.no S309SMCE for chain opening inner radius

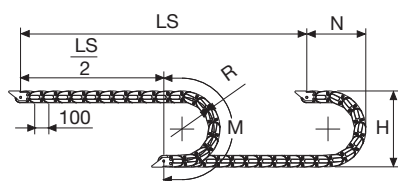
Pin

Part.no PG309H

Technical characteristics when self-supported

Speed	8 m/s
Acceleration	40 m/s ²

For higher requirements please consult our technical dept.



Length of chain (L)

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

plus length of curve (M)

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

A	B	C	D	R	Weight/m	Chain
mm	mm	mm	mm	mm	kg	Part Number
120	100	64	75,5	200-250-300-350-400-500-600	4,84	309CU064□□□*
140	100	84	75,5	200-250-300-350-400-500-600	5,12	309CU084□□□*
165	100	109	75,5	200-250-300-350-400-500-600	5,47	309CU109□□□*
172	100	116	75,5	200-250-300-350-400-500-600	5,58	309CU116□□□*
195	100	139	75,5	200-250-300-350-400-500-600	5,90	309CU139□□□*
235	100	179	75,5	200-250-300-350-400-500-600	6,47	309CU179□□□*
270	100	214	75,5	200-250-300-350-400-500-600	6,97	309CU214□□□*
296	100	240	75,5	200-250-300-350-400-500-600	7,35	309CU240□□□*
320	100	264	75,5	200-250-300-350-400-500-600	7,68	309CU264□□□*
346	100	290	75,5	200-250-300-350-400-500-600	8,04	309CU290□□□*
370	100	314	75,5	200-250-300-350-400-500-600	8,39	309CU314□□□*
396	100	340	75,5	200-250-300-350-400-500-600	8,74	309CU340□□□*
420	100	364	75,5	200-250-300-350-400-500-600	9,09	309CU364□□□*
475	100	419	75,5	200-250-300-350-400-500-600	9,98	309CU419□□□*
544	100	488	75,5	200-250-300-350-400-500-600	10,86	309CU488□□□*

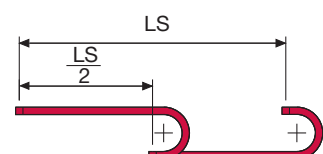
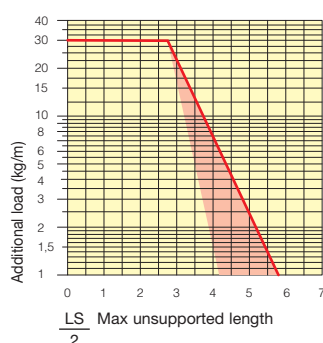
*Complete the code by inserting the value of the radius (R): Ex. 309CU □□□□

R	H	N	M
mm	mm	mm	mm
200	506	350	830
250	606	400	985
300	706	455	1145
350	806	500	1300
400	906	555	1460
500	1106	650	1770
600	1306	750	2085



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 nylon 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

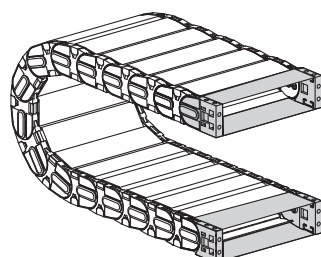
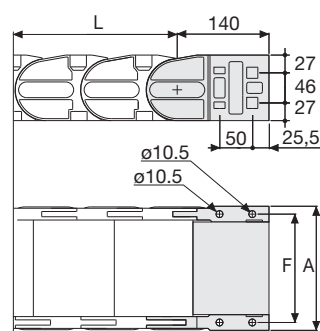


Fig. A
The chain can be fixed frontally, inner or outer radius. (Fig A)



Chain Type	F mm
309CU064	92
309CU084	112
309CU109	137
309CU116	144
309CU139	167
309CU179	207
309CU214	242
309CU240	268
309CU264	292
309CU290	318
309CU314	342
309CU340	368
309CU364	392
309CU419	447
309CU488	516

Nylon Type Part Numbers

Chain Type	End Brackets Set
309	AN309C□□□*KM

Chain Type	End Brackets Set
309	AN309C□□□*K

Bright Zinc Plated Steel Type***

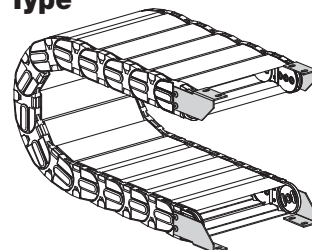
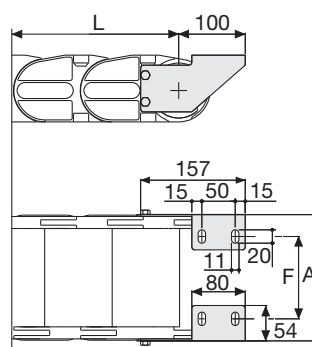


Fig. B
Chain fixed outside the radius. (Fig B)
See end brackets mounting variations page 31.



Chain Type	F mm
309CU064	50
309CU084	70
309CU109	95
309CU116	102
309CU139	125
309CU179	165
309CU214	200
309CU240	226
309CU264	250
309CU290	276
309CU314	300
309CU340	326
309CU364	350
309CU419	405
309CU488	474

Bright Zinc Plated Steel Type Part Numbers

Chain Type	End Brackets Set
309	A309CU□□□*KM□**

Chain Type	End Brackets Set
309	A309CU□□□*K□**

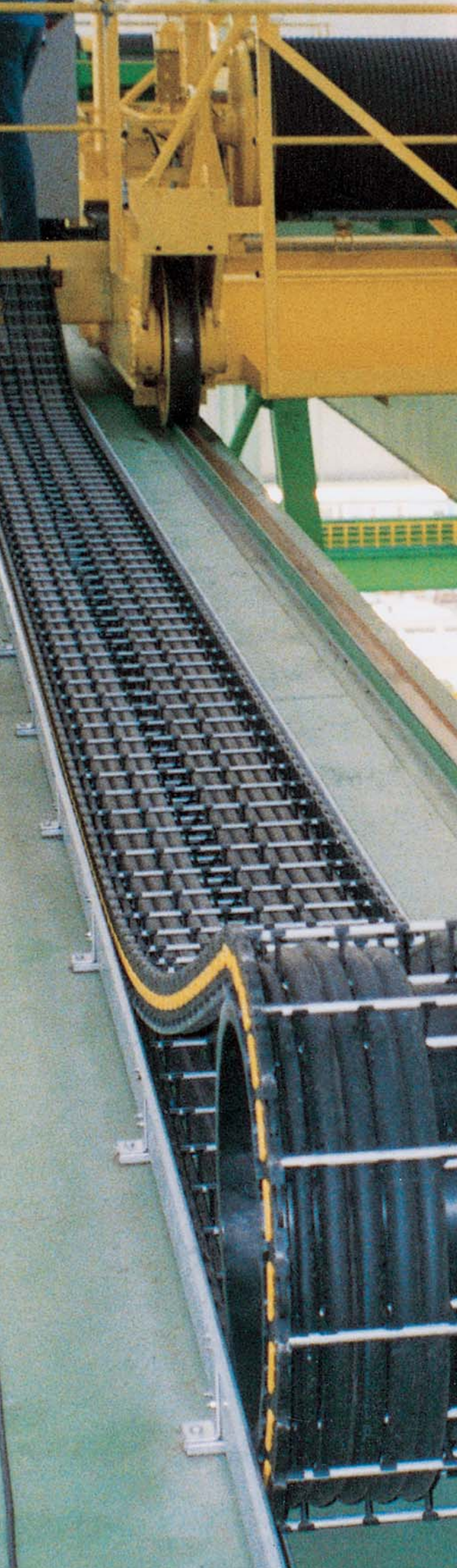
Tiewrap Clamp
Assembl. SFCT309S □□□ *KM
Unassembl. SFCT309S □□□ *K

* Inner width (C)
** 1=Pos.1; 2=Pos.2; 3=Pos.3
*** Available on request in stainless steel

Serie Protection

309CU

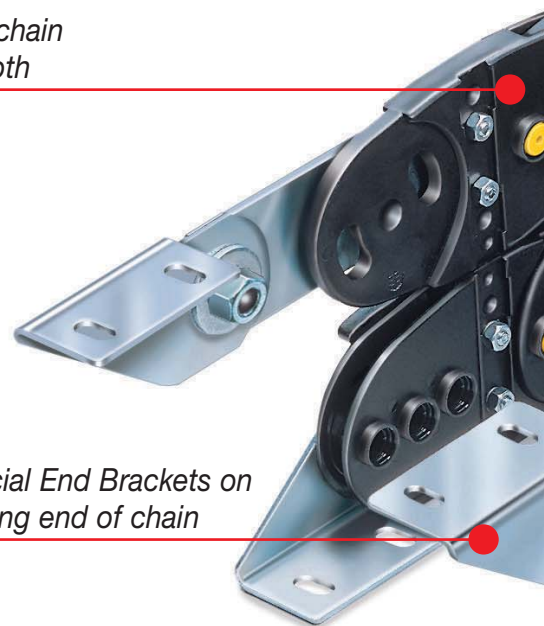
Nylon Protection Cable Chain with opening aluminium covers



Nylon Cable Chains Sliding Series

Series 326SI-326SE	page 140
Series 326B	page 142
Series 326F	page 144
Series 328SI-328SE	page 146
Series 328B	page 148
Series 328F	page 150
Series 319ZE (<i>replace 319SE series</i>)	page 152
Series 319B	page 154
Series 329B	page 156
Series 329SU	page 158
Series 329CU	page 160
Series 478MI-478ME	page 162
Series 478PI-478PE	page 164
Series 60PI-60PE	page 166
Series 80PI-80PE	page 168
Channel guide for long travel distance	
For Series 445-660A-770A-326-328 20P-30P-60	page 170
For Series 478-319-329-80-35P-35PC 40P	page 172
For Series 326-328-60	page 174

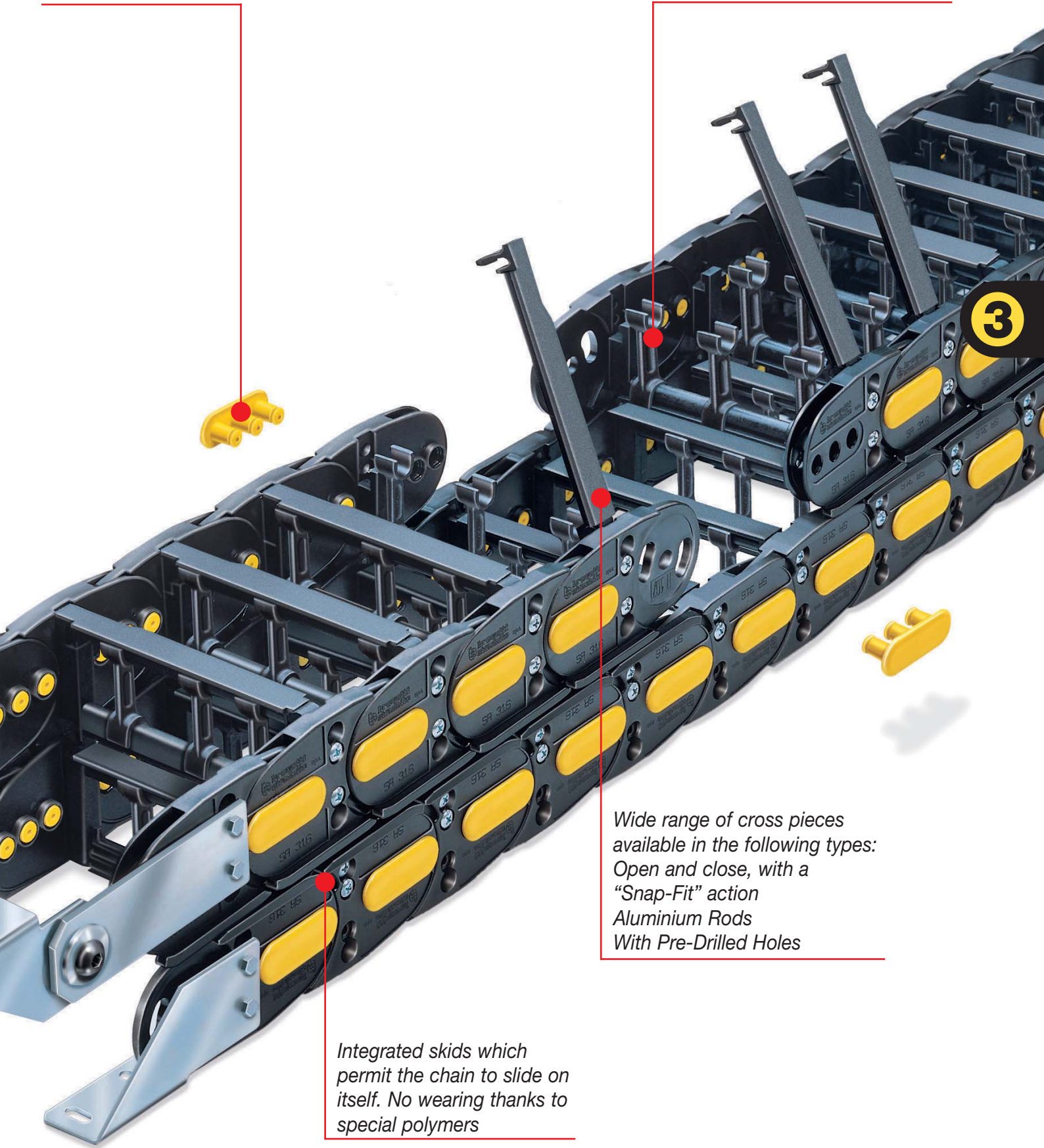
*Inner surface of chain
completely smooth*



*Special End Brackets on
moving end of chain*

Triple connecting Pivot Pin which offers high integrity in high performance applications

Nylon separator. Cables can be laid apart from each other



Wide range of cross pieces available in the following types:
Open and close, with a "Snap-Fit" action
Aluminium Rods
With Pre-Drilled Holes

Integrated skids which permit the chain to slide on itself. No wearing thanks to special polymers

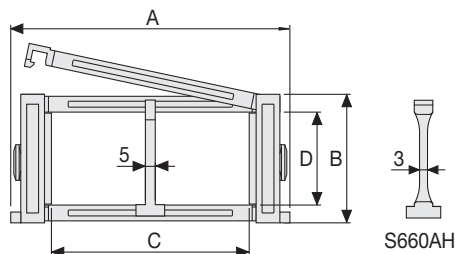
Serie Sliding

326SI/326SE

Nylon Sliding Cable Chain with opening frames

Inner height (D) 37 mm

Strong double share Sideband & Frame construction with large anti-friction triple-pin. The chain incorporates large sliding-skid surfaces to offer durability, even with high speed/loads. Frames opening from inner radius (..SI) and outer radius (..SE). As standard the chain comes with frames every second link, on request with frames every link. Modular separator systems are available.



Separator

- Unassembled	Part.no S660A
- Assembled	Part.no S660AMC

Strong-hold separator

for C > 200 mm

- Unassembled	Part.no S660AH
- Assembled	Part.no S660AHMC

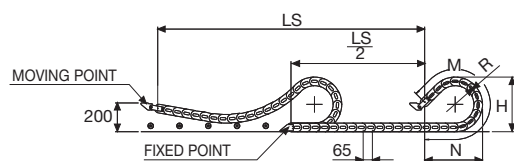
Pin

Part.no PG307

Technical characteristics

Speed	2 m/s
Acceleration	4 m/s ²

For higher requirements please consult our technical dept.



Length of chain (L)

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

plus length of curve (M)

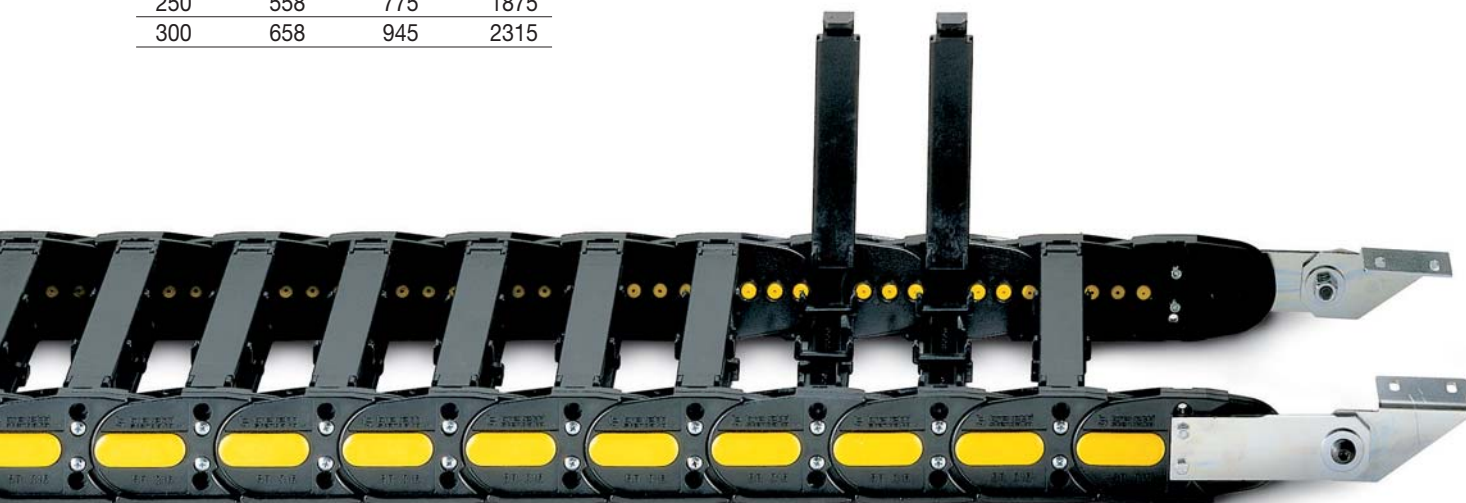
$$L = \frac{LS}{2} + M$$

R	H	N	M
mm	mm	mm	mm
107	272	280	625
150	358	430	1000
200	458	605	1440
250	558	775	1875
300	658	945	2315

A	B	C	D	R	Weight/m	Chain
mm	mm	mm	mm	mm	kg	Part Number
106	59	61	37	107-150-200-250-300	1,33	326SI(SE)061□□□*
117	59	72	37	107-150-200-250-300	1,33	326SI(SE)072□□□*
131	59	86	37	107-150-200-250-300	1,40	326SI(SE)086□□□*
137	59	92	37	107-150-200-250-300	1,41	326SI(SE)092□□□*
151	59	106	37	107-150-200-250-300	1,46	326SI(SE)106□□□*
156	59	111	37	107-150-200-250-300	1,46	326SI(SE)111□□□*
163	59	118	37	107-150-200-250-300	1,48	326SI(SE)118□□□*
173	59	128	37	107-150-200-250-300	1,49	326SI(SE)128□□□*
181	59	136	37	107-150-200-250-300	1,54	326SI(SE)136□□□*
192	59	147	37	107-150-200-250-300	1,57	326SI(SE)147□□□*
206	59	161	37	107-150-200-250-300	1,61	326SI(SE)161□□□*
231	59	186	37	107-150-200-250-300	1,68	326SI(SE)186□□□*
256	59	211	37	107-150-200-250-300	1,75	326SI(SE)211□□□*
267	59	222	37	107-150-200-250-300	1,79	326SI(SE)222□□□*
281	59	236	37	107-150-200-250-300	1,83	326SI(SE)236□□□*
308	59	263	37	107-150-200-250-300	1,91	326SI(SE)263□□□*
317	59	272	37	107-150-200-250-300	1,93	326SI(SE)272□□□*
368	59	323	37	107-150-200-250-300	2,06	326SI(SE)323□□□*
390	59	345	37	107-150-200-250-300	2,10	326SI(SE)345□□□*
418	59	373	37	107-150-200-250-300	2,21	326SI(SE)373□□□*

*Complete the code by inserting the value of the radius (R): Ex. 326SI(SE)118 □ □ □ □

Chain equipped with nylon frame every pitch: complete the code by inserting the letter D.
Ex. 326SI(SE)118150 □ □



End Brackets

The end brackets set allows the two ends of the chain to be attached to the equipment. One set includes two pivoting end brackets to be installed at the moving point and two standard steel end brackets to be installed at the fixed point.

Bright Zinc Plated Steel Movable Type*** (moving point)

Bright Zinc Plated Steel Type*** (fixed point)

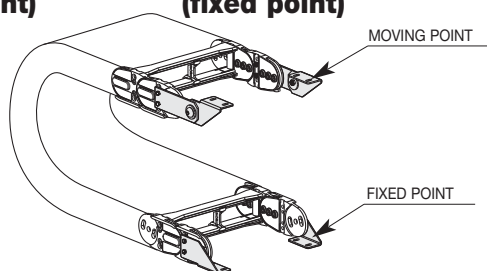
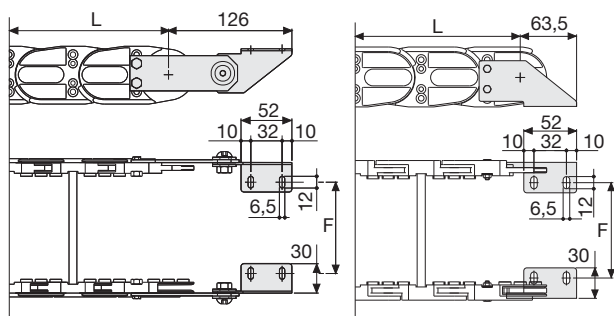


Fig. A
Chain fixed outside the radius. (Fig A)



Chain Type	F mm
326SI(SE)061	58
326SI(SE)072	69
326SI(SE)086	83
326SI(SE)092	89
326SI(SE)106	103
326SI(SE)111	108
326SI(SE)118	115
326SI(SE)128	125
326SI(SE)136	133
326SI(SE)147	144
326SI(SE)161	158
326SI(SE)186	183
326SI(SE)211	208
326SI(SE)222	219
326SI(SE)236	233
326SI(SE)263	260
326SI(SE)272	269
326SI(SE)323	320
326SI(SE)345	342
326SI(SE)373	370

Bright Zinc Plated Steel Type Part Numbers

Complete Set Assembled	
Chain	End Brackets
Type	Set
326SI(SE)...	A326KM

Complete Set Unassembled	
Chain	End Brackets
Type	Set
326SI(SE)...	A326K

*** Available on request in stainless steel

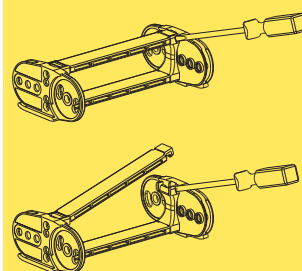
Serie Sliding

326SI

326SE

Nylon Sliding Cable
Chain
with opening frames

3



How to open the cover.

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



For further information please
consult Brevetti Stendalto's
Technical Office

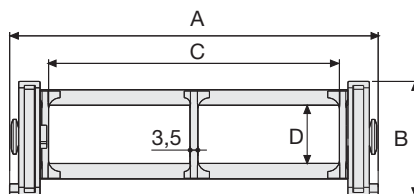
Serie Sliding

326B

Nylon Sliding Cable Chain with un-screwable aluminium rods

Inner height (D) 30 mm

Strong double share Sideband & Frame construction with large anti-friction triple-pin. The chain incorporates large sliding-skid surfaces to offer durability, even with high speed/loads. The Alu-rod frames are un-screwable from inner and outer radius. As standard the chain comes with frames every second link, on request with frames every link. Separator systems are available.



Separator

- Unassembled	Part.no S2000F
- Assembled	Part.no S2000FMC

Pin

Part.no PG307

Technical characteristics

Speed	2 m/s
Acceleration	4 m/s ²

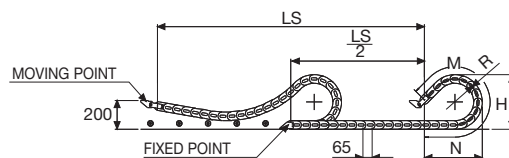
For higher requirements please consult our technical dept.

A mm	B mm	C mm	D mm	R mm	Weight/m kg	Chain Part Number
115	59	75	30	107-150-200-250-300	1,75	326B075□□□*
140	59	100	30	107-150-200-250-300	1,80	326B100□□□*
190	59	150	30	107-150-200-250-300	1,90	326B150□□□*
240	59	200	30	107-150-200-250-300	2,05	326B200□□□*
290	59	250	30	107-150-200-250-300	2,15	326B250□□□*
340	59	300	30	107-150-200-250-300	2,25	326B300□□□*
C+40	59	.....	30	107-150-200-250-300		326B □□□□□**

*Complete the code by inserting the value of the radius (R): Ex. 326B100 1 1 5 0

**Complete the code by inserting the value of the quote C and the radius (R): Ex. 326B 1 2 3 1 5 0

Chain equipped with aluminium rods every pitch: complete the code by inserting the letter D.
Ex. 326B100150 D



R mm	H mm	N mm	M mm
107	272	280	625
150	358	430	1000
200	458	605	1440
250	558	775	1875
300	658	945	2315

Length of chain (L)

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

plus length of curve (M)

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



Version with Alu-rods on every second pitch.

End Brackets

The end brackets set allows the two ends of the chain to be attached to the equipment. One set includes two pivoting end brackets to be installed at the moving point and two standard steel end brackets to be installed at the fixed point.

Bright Zinc Plated Steel Movable Type*** (moving point)

Bright Zinc Plated Steel Type*** (fixed point)

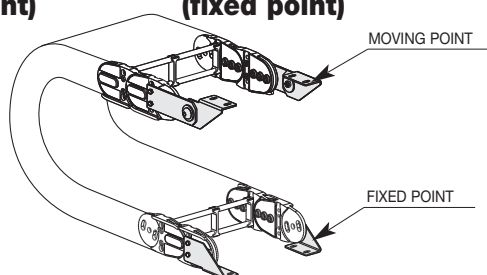
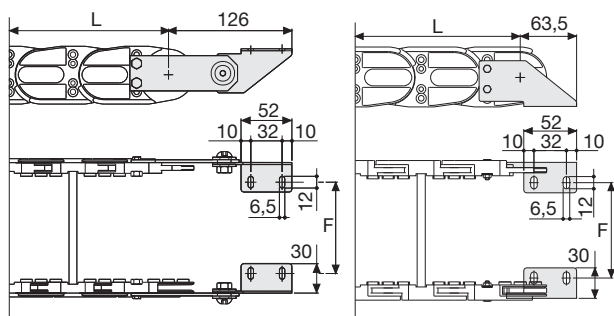


Fig. A
Chain fixed outside the radius. (Fig A)



Chain Type	F mm
326B075	67
326B100	92
326B150	142
326B200	192
326B250	242
326B300	292
Special widths F=A-48	

Bright Zinc Plated Steel Type Part Numbers

Chain	End Brackets
Type	Set
326B...	A326KM

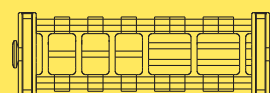
Chain	End Brackets
Type	Set
326B...	A326K

*** Available on request in stainless steel

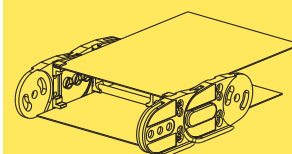
Serie Sliding

326B

Nylon Sliding Cable
Chain
with un-screwable
aluminium rods



Supplementary movable
separators.



Steel laminar cover.

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



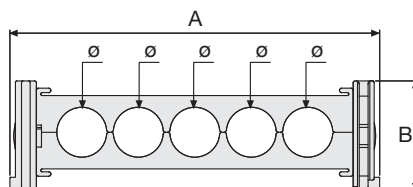
For further information please
consult Brevetti Stendalto's
Technical Office

Serie Sliding

326F

Nylon Sliding Cable Chain with un-screwable split cross pieces with holes

Strong double share Sideband & Frame construction with large anti-friction triple-pin. Un-screwable nylon split cross pieces with different hole combinations. The chain incorporates large sliding-skid surfaces to offer durability even, with high speed/loads. As standard the chain comes with frames every link.



Pin

Part.no PG307

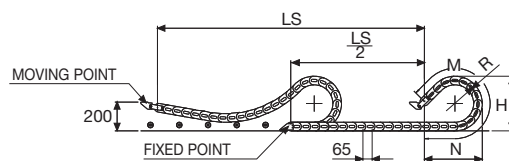
Technical characteristics

Speed	2 m/s
Acceleration	4 m/s ²

For higher requirements please consult our technical dept.

A mm	B mm	N. holes	Ø mm	R mm	Weight/m kg	Chain Part Number
89	59	2	22	107-150-200-250-300	1,95	326001□□□*
155	59	6	17	107-150-200-250-300	2,20	326002□□□*
193	59	6+2	17+20	107-150-200-250-300	2,45	326003□□□*
214	59	6	25	107-150-200-250-300	2,70	326004□□□*
113	59	3	23	107-150-200-250-300	2,10	326005□□□*

*Complete the code by inserting the value of the radius (R): Ex. 326001 □ □ □ □



R mm	H mm	N mm	M mm
107	272	280	625
150	358	430	1000
200	458	605	1440
250	558	775	1875
300	658	945	2315

Length of chain (L)

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

plus length of curve (M)

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



End Brackets

The end brackets set allows the two ends of the chain to be attached to the equipment. One set includes two pivoting end brackets to be installed at the moving point and two standard steel end brackets to be installed at the fixed point.

Bright Zinc Plated Steel Movable Type*** (moving point)

Bright Zinc Plated Steel Type*** (fixed point)

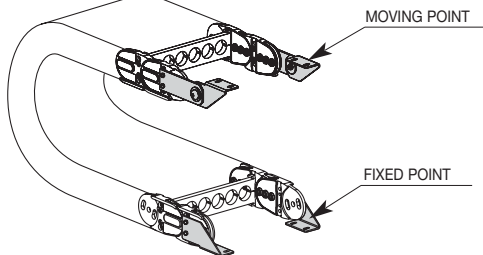
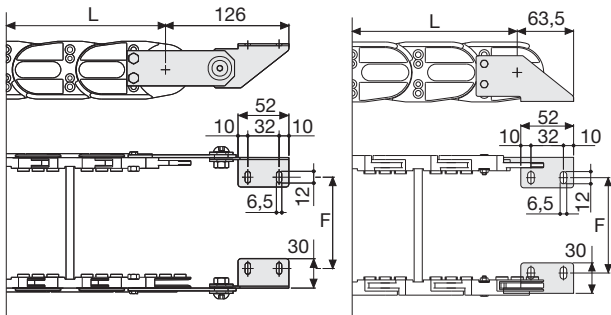


Fig. A
Chain fixed outside the radius. (Fig A)



Chain Type	F mm
326001	41
326002	107
326003	145
326004	166
326005	65

Bright Zinc Plated Steel Type Part Numbers

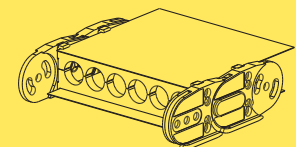
Chain Type	End Brackets Set
32600...	A326KM

Chain Type	End Brackets Set
32600...	A326K

*** Available on request in stainless steel

Serie Sliding

326F Nylon Sliding Cable Chain with un-screwable nylon split cross pieces with holes



Steel laminar cover.

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



For further information please
consult Brevetti Stendalto's
Technical Office

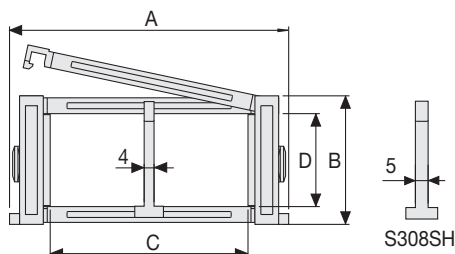
Serie Sliding

328SI/328SE

Nylon Sliding Cable Chain with opening frames

Inner height (D) 57 mm

Strong double share Sideband & Frame construction with large anti-friction triple-pin. The chain incorporates large sliding-skid surfaces to offer durability, even with high speed/loads. Frames opening from inner radius (..SI) and outer radius (..SE). As standard the chain comes with frames every second link, on request with frames every link. Modular separator systems are available.



Separator

- Unassembled	Part.no S308C
- Assembled	Part.no S308CMC

Strong-hold separator

for C > 200 mm

- Unassembled	Part.no S308SHF
- Assembled	Part.no S308SHFMC

Pin

Part.no PG328TP

Technical characteristics

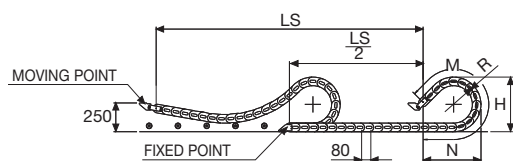
Speed	3,5 m/s
Acceleration	8 m/s ²

For higher requirements please consult our technical dept.

A mm	B mm	C mm	D mm	R mm	Weight/m kg	Chain Part Number
119	79	61	57	150-180-200-230-280-400	2,70	328SI(SE)061□□□*
130	79	72	57	150-180-200-230-280-400	2,73	328SI(SE)072□□□*
144	79	86	57	150-180-200-230-280-400	2,76	328SI(SE)086□□□*
150	79	92	57	150-180-200-230-280-400	2,78	328SI(SE)092□□□*
164	79	106	57	150-180-200-230-280-400	2,82	328SI(SE)106□□□*
169	79	111	57	150-180-200-230-280-400	2,82	328SI(SE)111□□□*
176	79	118	57	150-180-200-230-280-400	2,82	328SI(SE)118□□□*
186	79	128	57	150-180-200-230-280-400	2,86	328SI(SE)128□□□*
194	79	136	57	150-180-200-230-280-400	2,89	328SI(SE)136□□□*
205	79	147	57	150-180-200-230-280-400	2,89	328SI(SE)147□□□*
219	79	161	57	150-180-200-230-280-400	2,94	328SI(SE)161□□□*
244	79	186	57	150-180-200-230-280-400	3,01	328SI(SE)186□□□*
269	79	211	57	150-180-200-230-280-400	3,06	328SI(SE)211□□□*
280	79	222	57	150-180-200-230-280-400	3,08	328SI(SE)222□□□*
294	79	236	57	150-180-200-230-280-400	3,14	328SI(SE)236□□□*
321	79	263	57	150-180-200-230-280-400	3,20	328SI(SE)263□□□*
330	79	272	57	150-180-200-230-280-400	3,20	328SI(SE)272□□□*
381	79	323	57	150-180-200-230-280-400	3,31	328SI(SE)323□□□*
403	79	345	57	150-180-200-230-280-400	3,36	328SI(SE)345□□□*
431	79	373	57	150-180-200-230-280-400	3,49	328SI(SE)373□□□*

*Complete the code by inserting the value of the radius (R): Ex. 328SI(SE)118 □ □ □

Chain equipped with nylon frame every pitch: complete the code by inserting the letter D.
Ex. 328SI(SE)118150 □ □



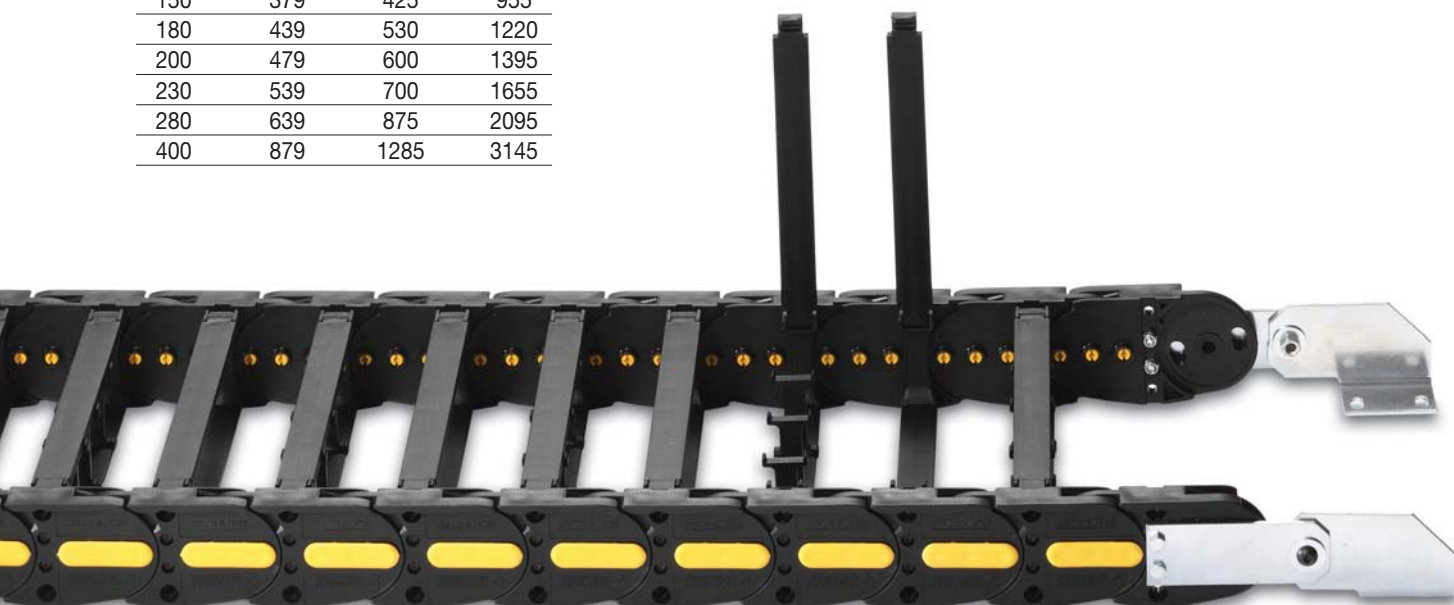
Length of chain (L)

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

plus length of curve (M)

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

R mm	H mm	N mm	M mm
150	379	425	955
180	439	530	1220
200	479	600	1395
230	539	700	1655
280	639	875	2095
400	879	1285	3145



Version with frames mounted on every pitch.

End Brackets

The end brackets set allows the two ends of the chain to be attached to the equipment. One set includes two pivoting end brackets to be installed at the moving point and two standard steel end brackets to be installed at the fixed point.

Bright Zinc Plated Steel Movable Type*** (moving point)

Bright Zinc Plated Steel Type*** (fixed point)

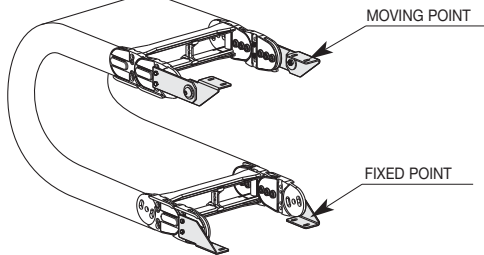
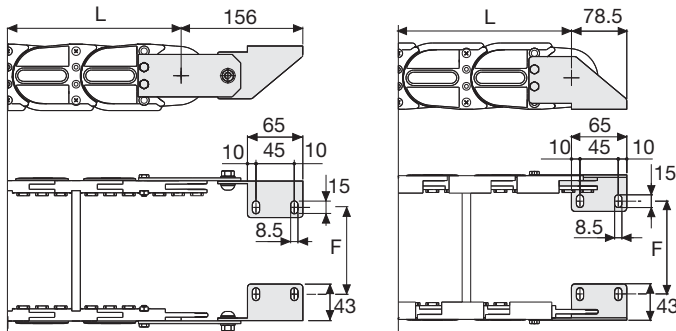


Fig. A
Chain fixed outside the radius. (Fig A)



Chain Type	F mm
328SI(SE)061	44
328SI(SE)072	55
328SI(SE)086	69
328SI(SE)092	75
328SI(SE)106	89
328SI(SE)111	94
328SI(SE)118	101
328SI(SE)128	111
328SI(SE)136	119
328SI(SE)147	130
328SI(SE)161	144
328SI(SE)186	169
328SI(SE)211	194
328SI(SE)222	205
328SI(SE)236	219
328SI(SE)263	246
328SI(SE)272	255
328SI(SE)323	306
328SI(SE)345	328
328SI(SE)373	356

Bright Zinc Plated Steel Type Part Numbers

Complete Set Assembled	
Chain	End Brackets
Type	Set
328SI(SE)...	A328KM

Complete Set Unassembled	
Chain	End Brackets
Type	Set
328SI(SE)...	A328K

*** Available on request in stainless steel

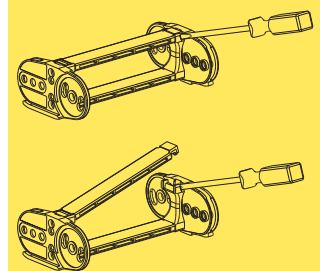
Serie Sliding

328SI

328SE

Nylon Sliding Cable
Chain
with opening frames

3



How to open the cover.

Special tool to remove the
connecting pivots:
Part Number PZ038.



For further information please
consult Brevetti Stendalto's
Technical Office

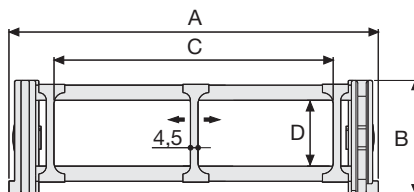
Serie Sliding

328B

Nylon Sliding Cable Chain with un-screwable aluminium rods

Inner height (D) 48 mm

Strong double share Sideband & Frame construction with large anti-friction triple-pin. The chain incorporates large sliding-skid surfaces to offer durability, even with high speed/loads. The Alu-rod frames are un-screwable from inner and outer radius. As standard the chain comes with frames every second link, on request with frames every link. Separator systems are available.



Separator

- Unassembled	Part.no S3000F
- Assembled	Part.no S3000FMC

Pin

Part.no PG328TP

Technical characteristics

Speed	3,5 m/s
Acceleration	8 m/s ²

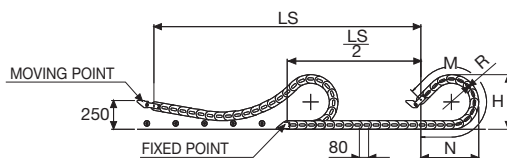
For higher requirements please consult our technical dept.

A mm	B mm	C mm	D mm	R mm	Weight/m kg	Chain Part Number
162	79	100	48	150-180-200-230-280-400	2,50	328B100□□□*
212	79	150	48	150-180-200-230-280-400	2,60	328B150□□□*
262	79	200	48	150-180-200-230-280-400	2,75	328B200□□□*
312	79	250	48	150-180-200-230-280-400	2,90	328B250□□□*
362	79	300	48	150-180-200-230-280-400	3,00	328B300□□□*
C+62	79	.....	48	150-180-200-230-280-400		328B□□□□□**

*Complete the code by inserting the value of the radius (R): Ex. 328B100 1 5 0

**Complete the code by inserting the value of the quote C and the radius (R): Ex. 328B 1 2 3 1 5 0

Chain equipped with aluminium rods every pitch: complete the code by inserting the letter D.
Ex. 328B100150 D



Length of chain (L)

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

plus length of curve (M)

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

R mm	H mm	N mm	M mm
150	379	425	955
180	439	530	1220
200	479	600	1395
230	539	700	1655
280	639	875	2095
400	879	1285	3145



End Brackets

The end brackets set allows the two ends of the chain to be attached to the equipment. One set includes two pivoting end brackets to be installed at the moving point and two standard steel end brackets to be installed at the fixed point.

Bright Zinc Plated Steel Movable Type*** (moving point)

Bright Zinc Plated Steel Type*** (fixed point)

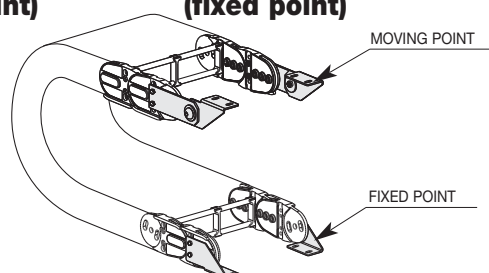
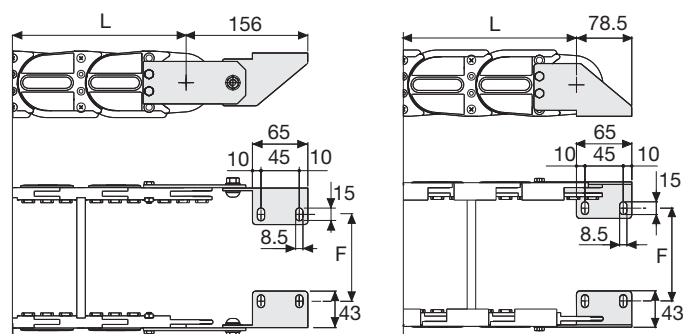


Fig. A
Chain fixed outside the radius. (Fig A)



Chain Type	F mm
328B100	87
328B150	137
328B200	187
328B250	237
328B300	287
Special widths F=A-75	

Bright Zinc Plated Steel Type Part Numbers

Chain	End Brackets
Type	Set
328B...	A328KM

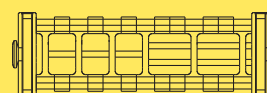
Chain	End Brackets
Type	Set
328B...	A328K

*** Available on request in stainless steel

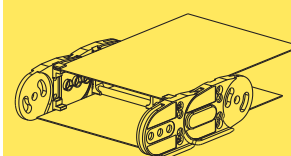
Serie Sliding

328B

**Nylon Sliding Cable
Chain
with un-screwable
aluminium rods**



Supplementary movable
separators.



Steel laminar cover.

Special tool to remove the
connecting pivots:
Part Number PZ038.



For further information please
consult Brevetti Stendalto's
Technical Office

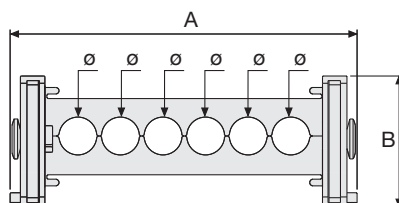
Serie Sliding

328F

Nylon Cable Chain

with un-screwable split cross pieces with holes

Strong double share Sideband & Frame construction with large anti-friction triple-pin. Un-screwable nylon split cross pieces with different hole combinations. The chain incorporates large sliding-skid surfaces to offer durability even, with high speed/loads. As standard the chain comes with frames every link.



Pin

Part.no PG328TP

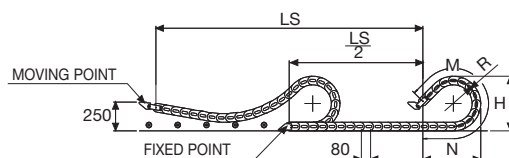
Technical characteristics

Speed	3,5 m/s
Acceleration	8 m/s ²

For higher requirements please consult our technical dept.

A	B	N.	Ø	R	Weight/m	Chain
mm	mm	holes	mm	mm	kg	Part Number
139	79	2	34	150-180-200-230-280-400	2,50	328001□□□*
227	79	6	25	150-180-200-230-280-400	2,85	328002□□□*
254	79	5	34	150-180-200-230-280-400	3,00	328003□□□*
292	79	6	34	150-180-200-230-280-400	3,10	328004□□□*
139	79	2+1	28-23	150-180-200-230-280-400	2,50	328005□□□*

*Complete the code by inserting the value of the radius (R): Ex. 328001 150 230 400



Length of chain (L)

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

plus length of curve (M)

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

R	H	N	M
mm	mm	mm	mm
150	379	425	955
180	439	530	1220
200	479	600	1395
230	539	700	1655
280	639	875	2095
400	879	1285	3145



End Brackets

The end brackets set allows the two ends of the chain to be attached to the equipment. One set includes two pivoting end brackets to be installed at the moving point and two standard steel end brackets to be installed at the fixed point.

Bright Zinc Plated Steel Movable Type*** (moving point)

Bright Zinc Plated Steel Type*** (fixed point)

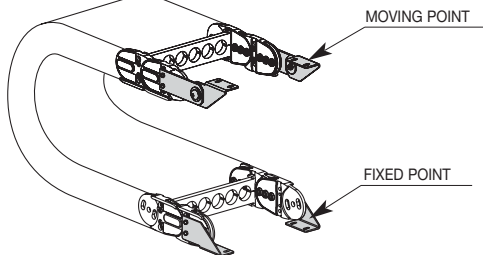
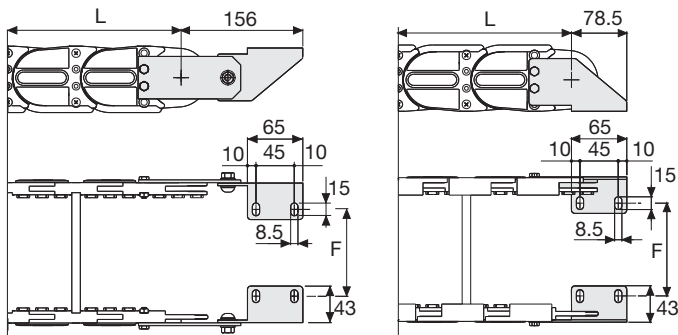


Fig. A
Chain fixed outside the radius. (Fig A)



Chain Type	F mm
328001	64
328002	152
328003	179
328004	217
328005	64

Bright Zinc Plated Steel Type Part Numbers

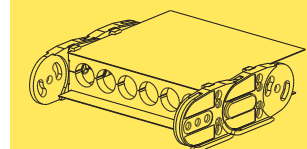
Chain Type	End Brackets Set
32800...	A328KM

Chain Type	End Brackets Set
32800...	A328K

*** Available on request in stainless steel

Serie Sliding

328F Nylon Sliding Cable Chain with un-screwable nylon split cross pieces with holes



Steel laminar cover.

Special tool to remove the
connecting pivots:
Part Number PZ038.



For further information please
consult Brevetti Stendalto's
Technical Office

Serie Sliding

319ZE

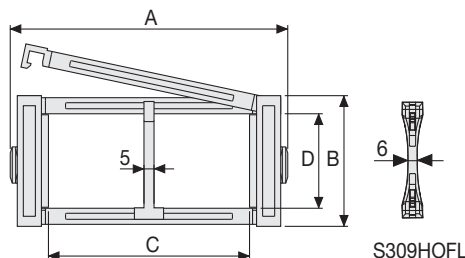
Replace 319SE series

Nylon Sliding Cable Chain with opening frames

Inner height (D) 75,5 mm

Strong double share Sideband & Frame construction with large anti-friction triple pin. The chain features screwed-on interchangeable sliding skids to offer durability even with high speed and loads. Frames open from outer radius.

As standard the chain comes with frames every second link, on request with frames every link. Modular separation systems are available.



Separator

- Sfuso Part.no S309S
- Montato Part.no S309SMC

Strong-hold separator

for C > 250 mm

- Sfuso Part.no S309HOFL
- Montato Part.no S309HOFLMC

Pin

Part.no PG329

Sliding skid

Part.no PAT329

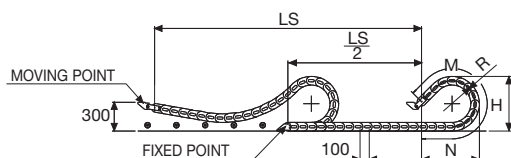
Technical characteristics

Speed	4 m/s
Acceleration	13 m/s ²

For higher requirements please consult our technical dept.

A mm	B mm	C mm	D mm	R mm	Weight/m kg	Chain Part Number
128	107	64	75,5	200-250-300-350-400-500	4,47	319ZE064□□□*
148	107	84	75,5	200-250-300-350-400-500	4,53	319ZE084□□□*
173	107	109	75,5	200-250-300-350-400-500	4,61	319ZE109□□□*
180	107	116	75,5	200-250-300-350-400-500	4,64	319ZE116□□□*
203	107	139	75,5	200-250-300-350-400-500	4,71	319ZE139□□□*
243	107	179	75,5	200-250-300-350-400-500	4,84	319ZE179□□□*
278	107	214	75,5	200-250-300-350-400-500	4,95	319ZE214□□□*
304	107	240	75,5	200-250-300-350-400-500	5,04	319ZE240□□□*
328	107	264	75,5	200-250-300-350-400-500	5,11	319ZE264□□□*
354	107	290	75,5	200-250-300-350-400-500	5,19	319ZE290□□□*
378	107	314	75,5	200-250-300-350-400-500	5,27	319ZE314□□□*
404	107	340	75,5	200-250-300-350-400-500	5,34	319ZE340□□□*
428	107	364	75,5	200-250-300-350-400-500	5,43	319ZE364□□□*
483	107	419	75,5	200-250-300-350-400-500	5,64	319ZE419□□□*
552	107	488	75,5	200-250-300-350-400-500	5,85	319ZE488□□□*

*Complete the code by inserting the value of the radius (R): Ex. 319ZE116 □ □ □ □
Chain equipped with nylon frame every pitch: complete the code by inserting the letter D.
Ex. 319ZE116250 □ □



Length of chain (L)

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

plus length of curve (M)

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

R mm	H mm	N mm	M mm
200	506	595	1345
250	606	765	1780
300	706	940	2220
350	806	1110	2655
400	906	1280	3095
500	1106	1625	3970



Version with frames mounted on every pitch.

End Brackets

The end brackets set allows the two ends of the chain to be attached to the equipment. One set includes two pivoting end brackets to be installed at the moving point and two standard steel end brackets to be installed at the fixed point.

Bright Zinc Plated Steel Movable Type*** (moving point)

Bright Zinc Plated Steel Type*** (fixed point)

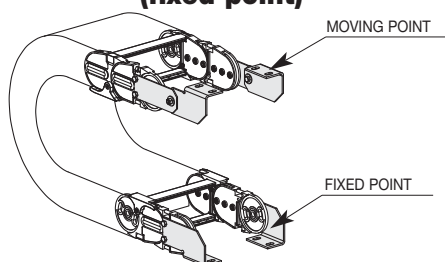
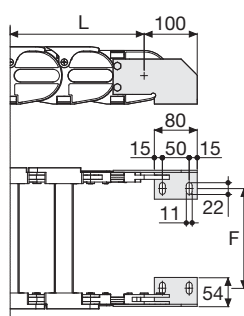
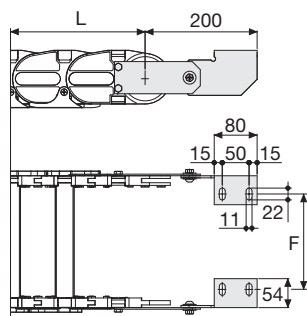


Fig. A
Chain fixed outside the radius. (Fig A)



Chain Type	F mm
319ZE064	40
319ZE084	60
319ZE109	85
319ZE116	92
319ZE139	115
319ZE179	155
319ZE214	190
319ZE240	216
319ZE264	240
319ZE290	266
319ZE314	290
319ZE340	316
319ZE364	340
319ZE419	395
319ZE488	464

Bright Zinc Plated Steel Type Part Numbers

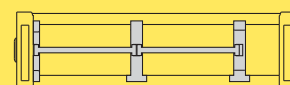
Complete Set Assembled	
Chain Type	End Brackets Set
319ZE...	A319KM

Complete Set Unassembled	
Chain Type	End Brackets Set
319ZE...	A319K

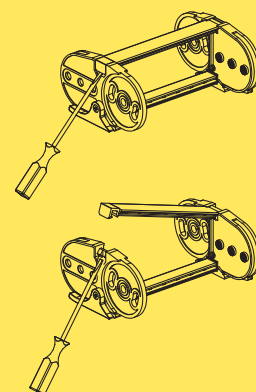
*** Available on request in stainless steel

Serie Sliding

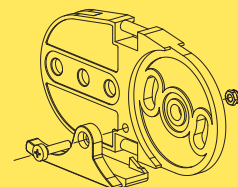
319ZE Nylon Sliding Cable Chain with opening frames



Separation System
To choose the separators see
page. 188



How to open the cover.



Sliding skid

For further information please
consult Brevetti Stendalto's
Technical Office

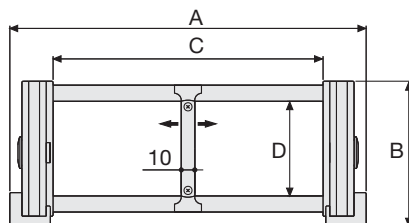
Serie Sliding

319B

Nylon Sliding Cable Chain with un-screwable aluminium rods

Inner height (D) 70 mm

Strong double share Sideband & Frame construction with large anti-friction triple pin. The chain features screwed-on interchangeable sliding skids to offer durability even with high speed and loads. Aluminium rods are removable from inner and outer radius side. As standard the chain comes with rods every second link, on request with rods every link. Separation systems are available.



Separator

- Unassembled	Part.no S309C
- Assembled	Part.no S309CMC

Pin

Part.no PG319

Sliding skid

Part.no PAT319

Technical characteristics

Speed	4 m/s
Acceleration	13 m/s ²

For higher requirements please consult our technical dept.

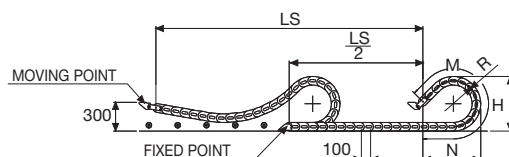
A mm	B mm	C mm	D mm	R mm	Weight/m kg	Chain Part Number
164	107	100	70	200-250-300-350-400-500	4,25	319B100 □ *
214	107	150	70	200-250-300-350-400-500	4,45	319B150 □ *
264	107	200	70	200-250-300-350-400-500	4,60	319B200 □ *
314	107	250	70	200-250-300-350-400-500	4,75	319B250 □ *
364	107	300	70	200-250-300-350-400-500	4,90	319B300 □ *
464	107	400	70	200-250-300-350-400-500	5,25	319B400 □ *
C+64	107	.....	70	200-250-300-350-400-500		319B □ □ □ □ **

*Complete the code by inserting the value of the radius (R): Ex. 319B150 □

Where: 2=200; 3=250; 4=300; 5=350; 6=400; 7=500

**Complete the code by inserting the value of the quote C and the radius (R): Ex. 319B □ □ □ □

Chain equipped with aluminium rods every pitch: complete the code by inserting the letter D.
Ex. 319B150D □



Length of chain (L)

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

plus length of curve (M)

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

R mm	H mm	N mm	M mm
200	506	595	1345
250	606	765	1780
300	706	940	2220
350	806	1110	2655
400	906	1280	3095
500	1106	1625	3970



End Brackets

The end brackets set allows the two ends of the chain to be attached to the equipment. One set includes two pivoting end brackets to be installed at the moving point and two standard steel end brackets to be installed at the fixed point.

Bright Zinc Plated Steel Movable Type*** (moving point)

Bright Zinc Plated Steel Type*** (fixed point)

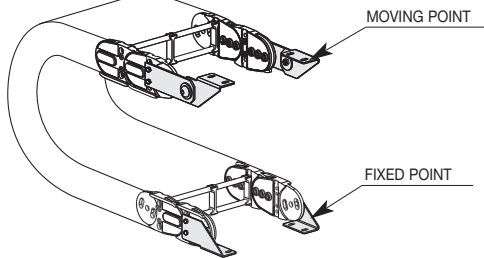
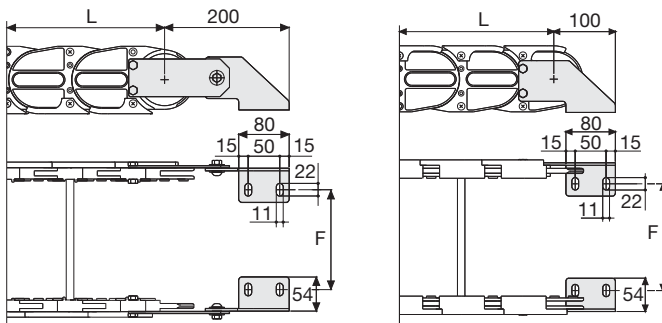


Fig. A
Chain fixed outside the radius. (Fig A)



Chain Type	F mm
319B100	76
319B150	126
319B200	176
319B250	226
319B300	276
319B400	376
Special widths F=A-88	

Bright Zinc Plated Steel Type Part Numbers

Chain	End Brackets
Type	Set
319B...	A319KM

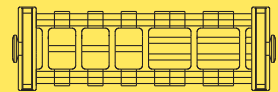
Chain	End Brackets
Type	Set
319B...	A319K

*** Available on request in stainless steel

Serie Sliding

319B

**Nylon Sliding Cable Chain
with un-screwable
aluminium rods**



Supplementary movable
separators.

3

Version with aluminium draw plates

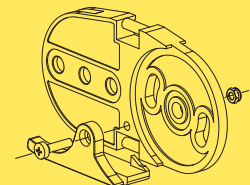


On request available with
aluminium draw plates

Example Part Number:
319T □ □ □ □ □ □ **

* Inner width (C)

** Bending radius (R)



Sliding skid

For further information please
consult Brevetti Stendalto's
Technical Office

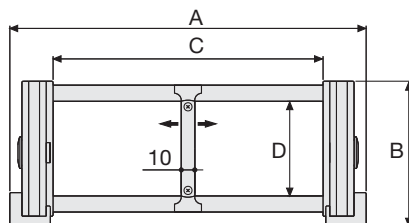
Serie Sliding

329B

Nylon Sliding Cable Chain with un-screwable aluminium rods

Inner height (D) 70 mm

Strong double share Sideband & Frame construction with large anti-friction triple-pin. The chain incorporates large sliding-skid surfaces to offer durability, even with high speed/loads. The Alu-rod frames are un-screwable from inner and outer radius. As standard the chain comes with frames every second link, on request with frames every link. Separator systems are available.



Separator

- Unassembled	Part.no S309C
- Assembled	Part.no S309CMC

Pin

Part.no PG329

Technical characteristics

Speed	3 m/s
Acceleration	13 m/s ²

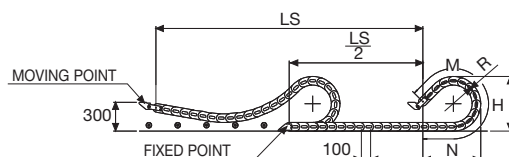
For higher requirements please consult our technical dept.

A mm	B mm	C mm	D mm	R mm	Weight/m kg	Chain Part Number
164	107	100	70	150-200-250-300-350-400-500-600	4,25	329B100□□□*
214	107	150	70	150-200-250-300-350-400-500-600	4,45	329B150□□□*
264	107	200	70	150-200-250-300-350-400-500-600	4,60	329B200□□□*
314	107	250	70	150-200-250-300-350-400-500-600	4,75	329B250□□□*
364	107	300	70	150-200-250-300-350-400-500-600	4,90	329B300□□□*
464	107	400	70	150-200-250-300-350-400-500-600	5,25	329B400□□□*
C+64	107	.....	70	150-200-250-300-350-400-500-600		329B□□□□**

*Complete the code by inserting the value of the radius (R): Ex. 329B150□□□□

**Complete the code by inserting the value of the quote C and the radius (R): Ex. 329B□□□□□□□□

Chain equipped with aluminium rods every pitch: complete the code by inserting the letter D.
Ex. 329B150200□□



Length of chain (L)

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

plus length of curve (M)

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

R mm	H mm	N mm	M mm
150	406	415	905
200	506	595	1345
250	606	765	1780
300	706	940	2220
350	806	1110	2655
400	906	1280	3095
500	1106	1625	3970
600	1306	1965	4845



End Brackets

The end brackets set allows the two ends of the chain to be attached to the equipment. One set includes two pivoting end brackets to be installed at the moving point and two standard steel end brackets to be installed at the fixed point.

Bright Zinc Plated Steel Movable Type*** (moving point)

Bright Zinc Plated Steel Type*** (fixed point)

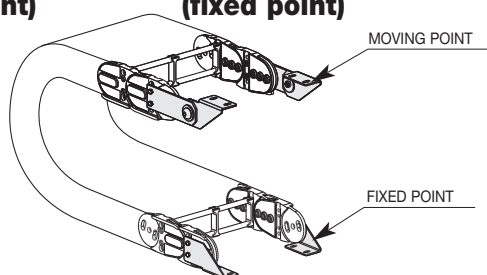
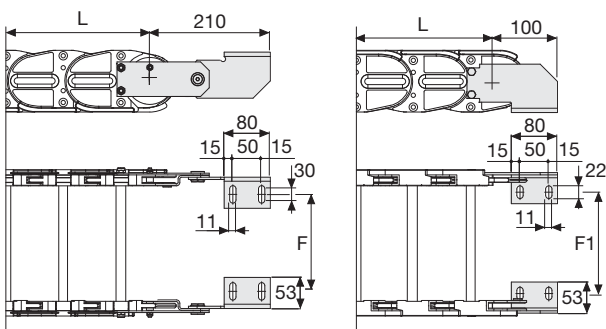


Fig. A
Chain fixed outside the radius. (Fig A)



Chain Type	F mm
329B100	76
329B150	126
329B200	176
329B250	226
329B300	276
329B400	376
Special widths F=A-88	

Chain Type	F1 mm
329B100	87
329B150	137
329B200	187
329B250	237
329B300	287
329B400	387
Special widths F=A-77	

Bright Zinc Plated Steel Type Part Numbers

Complete Set Assembled	Chain	End Brackets
Type	Set	
329B...	A329BKM	

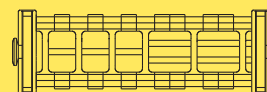
Complete Set Unassembled	Chain	End Brackets
Type	Set	
329B...	A329BK	

*** Available on request in stainless steel

Serie Sliding

329B

**Nylon Sliding Cable
Chain
with un-screwable
aluminium rods**



Supplementary movable
separators.

For further information please
consult Brevetti Stendaito's
Technical Office

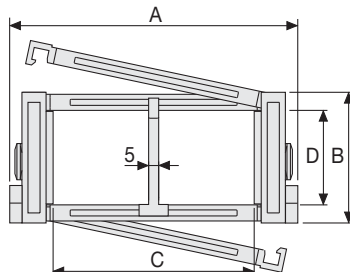
Serie Sliding

329SU

Nylon Sliding Cable Chain with opening frames

Inner height (D) 75,5 mm

Strong double share Sideband & Frame construction with large anti-friction triple-pin. The chain incorporates large sliding-skid surfaces to offer durability, even with high speed/loads. Frames are opening from inner radius or outer radius. Vertical separators are available



Separator

- Unassembled	Cod. S309S
- Assembled*	Cod. S309SMCI
- Assembled**	Cod. S309SMCE

Strong-hold separator

for C > 250 mm

- Unassembled	Cod. S309HOFL
- Assembled*	Cod. S309HOFLMC

Pin Cod. PG329

* for chain opening outer radius

** for chain opening inner radius

Technical characteristics

Speed	3 m/s
Acceleration	13 m/s ²

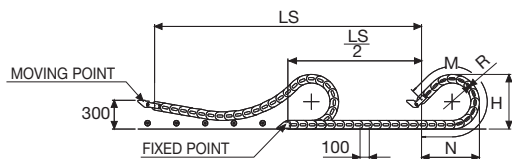
For higher requirements please consult our technical dept.

A mm	B mm	C mm	D mm	R mm	Weight/m kg	Chain Part Number
128	107	64	75,5	150-200-250-300-350-400-500-600	4,19	329SU064 □□□*
148	107	84	75,5	150-200-250-300-350-400-500-600	4,25	329SU084 □□□*
173	107	109	75,5	150-200-250-300-350-400-500-600	4,33	329SU109 □□□*
180	107	116	75,5	150-200-250-300-350-400-500-600	4,36	329SU116 □□□*
203	107	139	75,5	150-200-250-300-350-400-500-600	4,43	329SU139 □□□*
243	107	179	75,5	150-200-250-300-350-400-500-600	4,56	329SU179 □□□*
278	107	214	75,5	150-200-250-300-350-400-500-600	4,67	329SU214 □□□*
304	107	240	75,5	150-200-250-300-350-400-500-600	4,76	329SU240 □□□*
328	107	264	75,5	150-200-250-300-350-400-500-600	4,83	329SU264 □□□*
354	107	290	75,5	150-200-250-300-350-400-500-600	4,91	329SU290 □□□*
378	107	314	75,5	150-200-250-300-350-400-500-600	4,99	329SU314 □□□*
404	107	340	75,5	150-200-250-300-350-400-500-600	5,06	329SU340 □□□*
428	107	364	75,5	150-200-250-300-350-400-500-600	5,15	329SU364 □□□*
483	107	419	75,5	150-200-250-300-350-400-500-600	5,36	329SU419 □□□*
552	107	488	75,5	150-200-250-300-350-400-500-600	5,57	329SU488 □□□*

*Complete the code by inserting the value of the radius (R): Ex. 329SU116 □ □ □ □

Chain equipped with nylon frame every pitch: complete the code by inserting the letter D.

Ex. 329SU116250 □ □



Length of chain (L)

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

plus length of curve (M)

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

R mm	H mm	N mm	M mm
150	406	415	905
200	506	595	1345
250	606	765	1780
300	706	940	2220
350	806	1110	2655
400	906	1280	3095
500	1106	1625	3970
600	1306	1965	4845



End Brackets

The end brackets set allows the two ends of the chain to be attached to the equipment. One set includes two pivoting end brackets to be installed at the moving point and two standard steel end brackets to be installed at the fixed point.

Bright Zinc Plated Steel Movable Type*** (moving point)

Bright Zinc Plated Steel Type*** (fixed point)

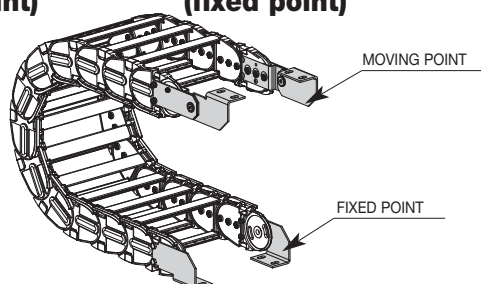
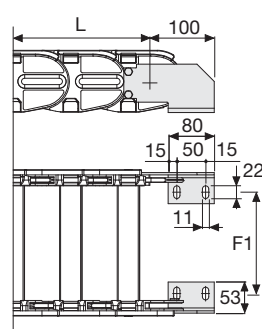
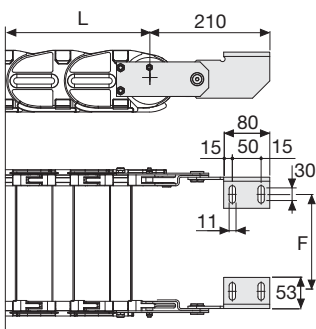


Fig. A
Chain fixed outside the radius. (Fig A)



Chain Type	F mm
329SU064	40
329SU084	60
329SU109	85
329SU116	92
329SU139	115
329SU179	155
329SU214	190
329SU240	216
329SU264	240
329SU290	266
329SU314	290
329SU340	316
329SU364	340
329SU419	395
329SU488	464

Chain Type	F1 mm
329SU064	51
329SU084	71
329SU109	96
329SU116	103
329SU139	126
329SU179	166
329SU214	201
329SU240	227
329SU264	251
329SU290	277
329SU314	301
329SU340	327
329SU364	351
329SU419	406
329SU488	475

Bright Zinc Plated Steel Type Part Numbers

Complete Set Assembled

Chain Type	End Brackets Set
329SU..	A329SU□□□*KM

Complete Set Unassembled

Chain Type	End Brackets Set
329SU..	A329SU□□□*K

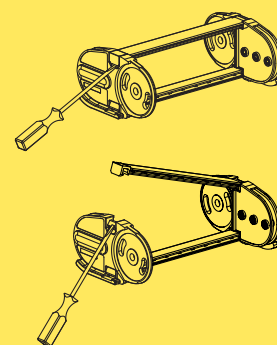
* Inner width (C)

*** Available on request in stainless steel

Serie Sliding

329SU

Nylon Sliding Cable
Chain with opening
frames



How to open the cover

For further information please
consult Brevetti Stendalto's
Technical Office

Serie Sliding

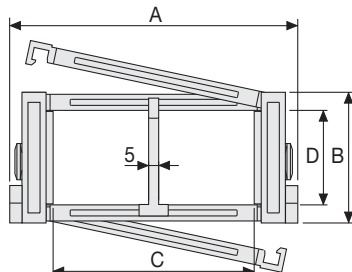
329CU

Nylon Sliding Cable Chain with opening aluminium covers

Inner height (D) 75,5 mm

Strong double share Sideband & Frame construction with large anti-friction triple-pin. The chain incorporates large sliding-skid surfaces to offer durability, even with high speed/loads. Aluminium covers are opening from inner radius or outer radius.

Vertical separators are available



Separator

- Unassembled	Part.no S309S
- Assembled for chain opening outer radius	Part.no S309SMCI
- Assembled for chain opening inner radius	Part.no S309SMCE

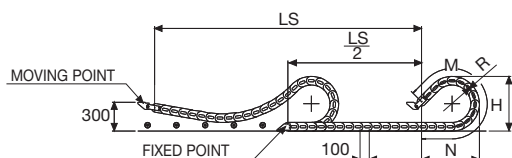
Pin

Part.no PG329

Technical characteristics

Speed	3 m/s
Acceleration	13 m/s ²

For higher requirements please consult our technical dept.



Length of chain (L)

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

plus length of curve (M)

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

A mm	B mm	C mm	D mm	R mm	Weight/m kg	Chain Part Number
128	107	64	75,5	200-250-300-350-400-500-600	5,34	329CU064□□□*
148	107	84	75,5	200-250-300-350-400-500-600	5,70	329CU084□□□*
173	107	109	75,5	200-250-300-350-400-500-600	6,11	329CU109□□□*
180	107	116	75,5	200-250-300-350-400-500-600	6,24	329CU116□□□*
203	107	139	75,5	200-250-300-350-400-500-600	6,62	329CU139□□□*
243	107	179	75,5	200-250-300-350-400-500-600	7,33	329CU179□□□*
278	107	214	75,5	200-250-300-350-400-500-600	7,96	329CU214□□□*
304	107	240	75,5	200-250-300-350-400-500-600	8,40	329CU240□□□*
328	107	264	75,5	200-250-300-350-400-500-600	8,80	329CU264□□□*
354	107	290	75,5	200-250-300-350-400-500-600	9,26	329CU290□□□*
378	107	314	75,5	200-250-300-350-400-500-600	9,68	329CU314□□□*
404	107	340	75,5	200-250-300-350-400-500-600	10,12	329CU340□□□*
428	107	364	75,5	200-250-300-350-400-500-600	10,55	329CU364□□□*
483	107	419	75,5	200-250-300-350-400-500-600	11,73	329CU419□□□*
552	107	488	75,5	200-250-300-350-400-500-600	12,91	329CU488□□□*

*Complete the code by inserting the value of the radius (R): Ex. 329CU116 □ □ □ □

R mm	H mm	N mm	M mm
200	506	595	1345
250	606	765	1780
300	706	940	2220
350	806	1110	2655
400	906	1280	3095
500	1106	1625	3970
600	1306	1965	4845



End Brackets

The end brackets set allows the two ends of the chain to be attached to the equipment. One set includes two pivoting end brackets to be installed at the moving point and two standard steel end brackets to be installed at the fixed point.

Bright Zinc Plated Steel Movable Type*** (moving point)

Bright Zinc Plated Steel Type*** (fixed point)

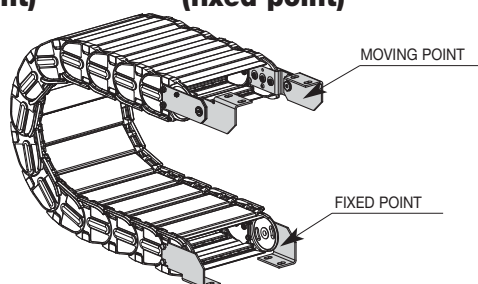
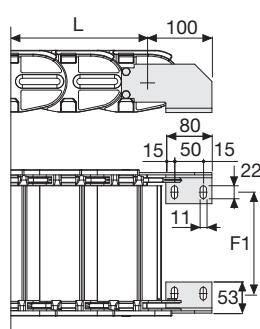
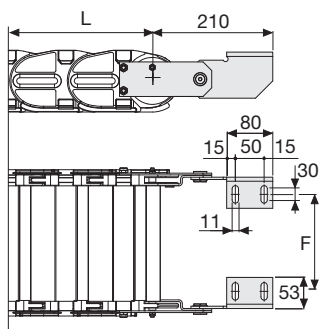


Fig. A
Chain fixed outside the radius. (Fig A)



Chain Type	F mm
329CU064	40
329CU084	60
329CU109	85
329CU116	92
329CU139	115
329CU179	155
329CU214	190
329CU240	216
329CU264	240
329CU290	266
329CU314	290
329CU340	316
329CU364	340
329CU419	395
329CU488	464

Chain Type	F1 mm
329CU064	51
329CU084	71
329CU109	96
329CU116	103
329CU139	126
329CU179	166
329CU214	201
329CU240	227
329CU264	251
329CU290	277
329CU314	301
329CU340	327
329CU364	351
329CU419	406
329CU488	475

Bright Zinc Plated Steel Type Part Numbers

Complete Set Assembled

Chain Type	End Brackets Set
329CU..	A329CU□□□*KM

Complete Set Unassembled

Chain Type	End Brackets Set
329CU..	A329CU□□□*K

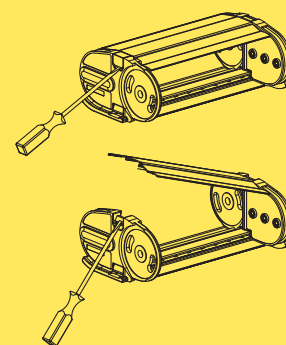
* Inner width (C)

*** Available on request in stainless steel

Serie Sliding

329CU

Nylon Sliding Cable
Chain with opening
aluminium covers



How to open the cover

For further information please
consult Brevetti Stendalto's
Technical Office

Serie Sliding

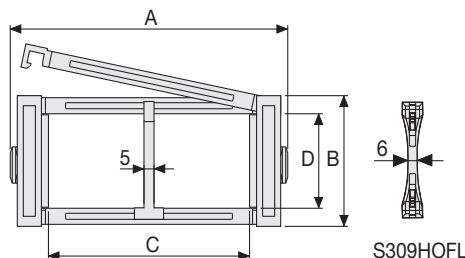
478MI/478ME

Nylon Cable Chain

with opening frames

Inner height (D) 75,5 mm

Sideband & Frame construction with large anti-friction single-pin.
Covers are opening from inner radius (..MI) or from outer radius (..ME). As standard the chain comes with frames every second link, on request with frames every link. Modular separator systems are available



Separator

- Unassembled Part.no S309S
- Assembled Part.no S309SMC

Strong-hold separator

for C > 250 mm

- Unassembled Part.no S309HOFL
- Assembled Part.no S309HOFLMC

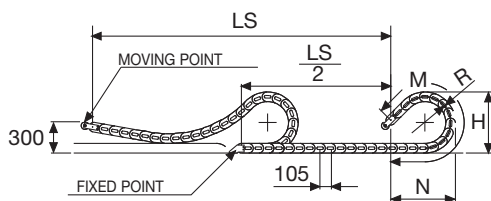
Pin

Part.no PG475

Technical characteristics

Speed	3 m/s
Acceleration	8 m/s ²

For higher requirements please consult our technical dept.



Length of chain (L)

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

plus length of curve (M)

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

R	H	N	M
mm	mm	mm	mm
180	466,5	495	1155
200	506,5	570	1330
250	606,5	745	1765
300	706,5	920	2205
350	806,5	1090	2640
400	906,5	1265	3080

A	B	C	D	R	Weight/m	Chain
mm	mm	mm	mm	mm	kg	Part number
112	106,5	74	75,5	180-200-250-300-350-400	3,70	478MI(ME)074□□□*
132	106,5	94	75,5	180-200-250-300-350-400	3,80	478MI(ME)094□□□*
157	106,5	119	75,5	180-200-250-300-350-400	3,85	478MI(ME)119□□□*
164	106,5	126	75,5	180-200-250-300-350-400	3,90	478MI(ME)126□□□*
187	106,5	149	75,5	180-200-250-300-350-400	3,95	478MI(ME)149□□□*
227	106,5	189	75,5	180-200-250-300-350-400	4,05	478MI(ME)189□□□*
262	106,5	224	75,5	180-200-250-300-350-400	4,15	478MI(ME)224□□□*
288	106,5	250	75,5	180-200-250-300-350-400	4,25	478MI(ME)250□□□*
312	106,5	274	75,5	180-200-250-300-350-400	4,30	478MI(ME)274□□□*
338	106,5	300	75,5	180-200-250-300-350-400	4,37	478MI(ME)300□□□*
362	106,5	324	75,5	180-200-250-300-350-400	4,45	478MI(ME)324□□□*
388	106,5	350	75,5	180-200-250-300-350-400	4,55	478MI(ME)350□□□*
412	106,5	374	75,5	180-200-250-300-350-400	4,60	478MI(ME)374□□□*
467	106,5	429	75,5	180-200-250-300-350-400	4,80	478MI(ME)429□□□*
536	106,5	498	75,5	180-200-250-300-350-400	5,00	478MI(ME)498□□□*

*Complete the code by inserting the value of the radius (R): Ex. 478MI(ME)119 □ □ □

Chain equipped with nylon frame every pitch: complete the code by inserting the letter D.
478MI(ME)119150 □



Version with frames mounted on every pitch.

End Brackets

The end brackets set allows the two ends of the chain to be attached to the equipment. One set includes two pivoting end brackets to be installed at the moving point and two standard steel end brackets to be installed at the fixed point.

Bright Zinc Plated Steel Movable Type*** (fixed point)

Bright Zinc Plated Steel Type*** (moving point)

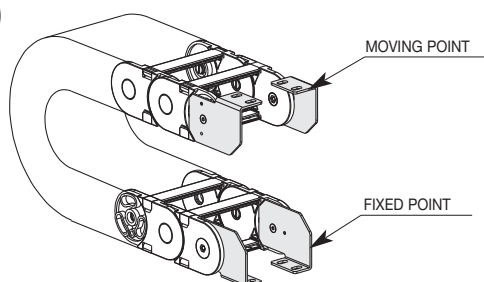
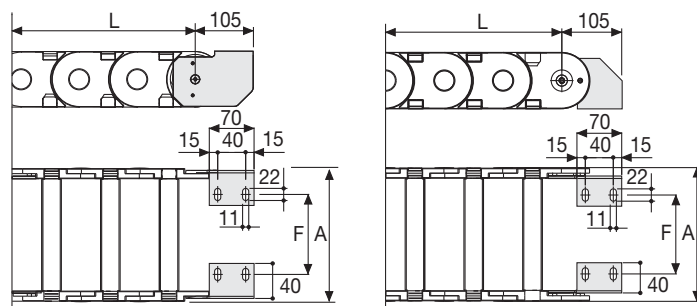


Fig. A
Chain fixed outside the radius. (Fig A)



Chain Type	F mm
478MI(ME)074	35
478MI(ME)094	55
478MI(ME)119	80
478MI(ME)126	87
478MI(ME)149	110
478MI(ME)189	150
478MI(ME)224	185
478MI(ME)250	211
478MI(ME)274	235
478MI(ME)300	261
478MI(ME)324	285
478MI(ME)350	311
478MI(ME)374	335
478MI(ME)467	390
478MI(ME)498	459

Bright Zinc Plated Steel Type Part Numbers

Complete Set Assembled	End Brackets
Chain	Set
478MI/ME	A478M□□□*KM

Complete Set Unassembled	End Brackets
Chain	Set
478MI/ME...	A478M□□□*K

Tiewrap Clamp	Part Number
Assembled	CFC478M□□□*KM
Unassembled	CFC478M□□□*K

* Inner width (C)

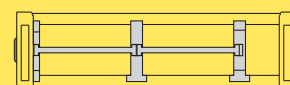
*** Available on request in stainless steel

Serie Sliding

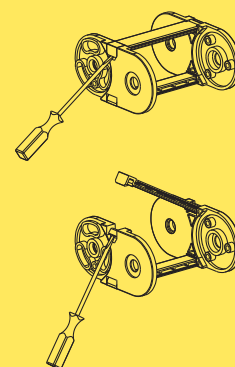
478MI

478ME

Nylon Cable Chain
with opening frames



Separation System
To choose the separators see
page. 188



How to open the cover.

For further information please
consult Brevetti Stendalto's
Technical Office

Serie Sliding

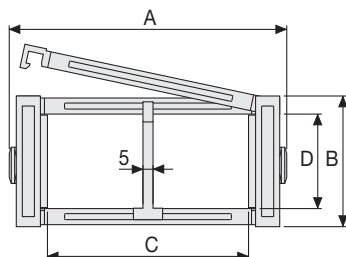
478PI/478PE

Nylon Cable Chain

with opening frames

Inner height (D) 75,5 mm

Sideband & Frame construction with large anti-friction single-pin.
Covers are opening from inner radius (478PI) or from outer radius (478PE).
Vertical and horizontal modular separator system are available.



Separator

- Unassembled	Part.no S309S
- Assembled	Part.no S309SMC

Pin

Part.no PG475

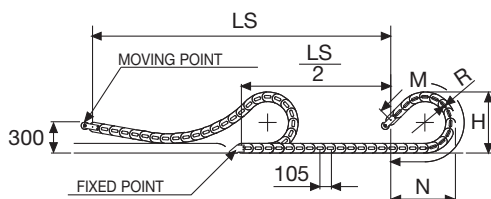
Technical characteristics

Speed	3 m/s
Acceleration	8 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
112	106,5	74	75,5	180-200-250-300-350-400	4,60	478PI(PE)074□□□*
132	106,5	94	75,5	180-200-250-300-350-400	4,80	478PI(PE)094□□□*
157	106,5	119	75,5	180-200-250-300-350-400	5,10	478PI(PE)119□□□*
164	106,5	126	75,5	180-200-250-300-350-400	5,15	478PI(PE)126□□□*
187	106,5	149	75,5	180-200-250-300-350-400	5,40	478PI(PE)149□□□*
227	106,5	189	75,5	180-200-250-300-350-400	5,80	478PI(PE)189□□□*
262	106,5	224	75,5	180-200-250-300-350-400	6,20	478PI(PE)224□□□*
288	106,5	250	75,5	180-200-250-300-350-400	6,50	478PI(PE)250□□□*
312	106,5	274	75,5	180-200-250-300-350-400	6,75	478PI(PE)274□□□*
338	106,5	300	75,5	180-200-250-300-350-400	7,05	478PI(PE)300□□□*
362	106,5	324	75,5	180-200-250-300-350-400	7,30	478PI(PE)324□□□*
388	106,5	350	75,5	180-200-250-300-350-400	7,55	478PI(PE)350□□□*
412	106,5	374	75,5	180-200-250-300-350-400	7,85	478PI(PE)374□□□*
467	106,5	429	75,5	180-200-250-300-350-400	8,50	478PI(PE)429□□□*
536	106,5	498	75,5	180-200-250-300-350-400	9,20	478PI(PE)498□□□*

*Complete the code by inserting the value of the radius (R): Ex. 478PI(PE)119 1 5 0



Length of chain (L)

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

plus length of curve (M)

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

R	H	N	M
mm	mm	mm	mm
180	466,5	495	1155
200	506,5	570	1330
250	606,5	745	1765
300	706,5	920	2205
350	806,5	1090	2640
400	906,5	1265	3080



End Brackets

The end brackets set allows the two ends of the chain to be attached to the equipment. One set includes two pivoting end brackets to be installed at the moving point and two standard steel end brackets to be installed at the fixed point.

Bright Zinc Plated Steel Movable Type*** (fixed point)

Bright Zinc Plated Steel Type*** (moving point)

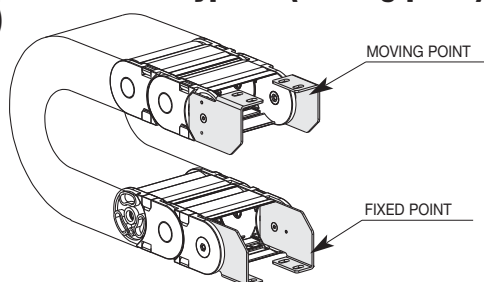
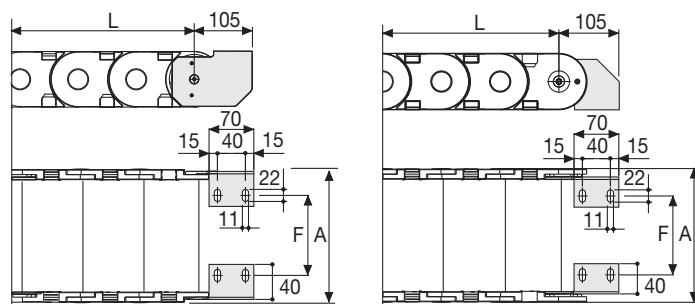


Fig. A
Chain fixed outside the radius. (Fig A)



Chain Type	F mm
478PI(PE)074	35
478PI(PE)094	55
478PI(PE)119	80
478PI(PE)126	87
478PI(PE)149	110
478PI(PE)189	150
478PI(PE)224	185
478PI(PE)250	211
478PI(PE)274	235
478PI(PE)300	261
478PI(PE)324	285
478PI(PE)350	311
478PI(PE)374	335
478PI(PE)429	390
478PI(PE)498	459

Bright Zinc Plated Steel Type Part Numbers

Complete Set Assembled	End Brackets
Chain	Set
478PI/PE...	A478P□□□*KM

Complete Set Unassembled	End Brackets
Chain	Set
478PI/PE...	A478P□□□*K

Tiewrap Clamp	Part Number
Assembled	CFC478M□□□*KM
Unassembled	CFC478M□□□*K

* Inner width (C)

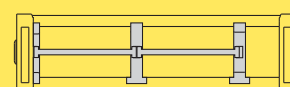
*** Available on request in stainless steel

Serie Sliding

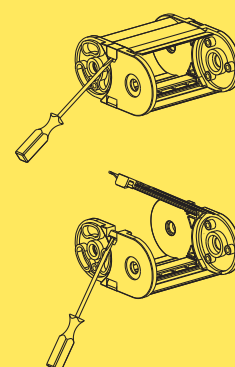
478PI

478PE

Nylon Cable Chain
with opening frames



Separation System
To choose the separators see
page. 188



How to open the cover.

3

For further information please
consult Brevetti Stendalto's
Technical Office

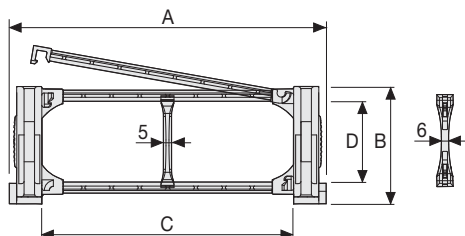
Serie Sliding

60PI/60PE

Nylon Cable Chain with opening frames

Inner height (D) 60,5 mm

Sideband & Frame construction with large anti-friction single-pin.
Frames opening from inner radius (..PI) and outer radius (..PE).
As standard the chain comes with frames every second link, on request with frames every link.
Vertical separators are available



Separator

- Unassembled Part.no S60SM
- Assembled Part.no S60SMMC

Strong-hold separator

for C > 250 mm

- Unassembled Part.no S60HOFL
- Assembled Part.no S60HOFLMC

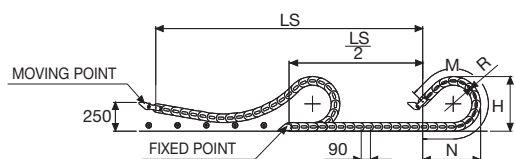
Pin

Part.no PNE60-PNI60

Technical characteristics

Speed	5 m/s
Acceleration	13 m/s ²

For higher requirements please consult our technical dept.



Length of chain (L)

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

plus length of curve (M)

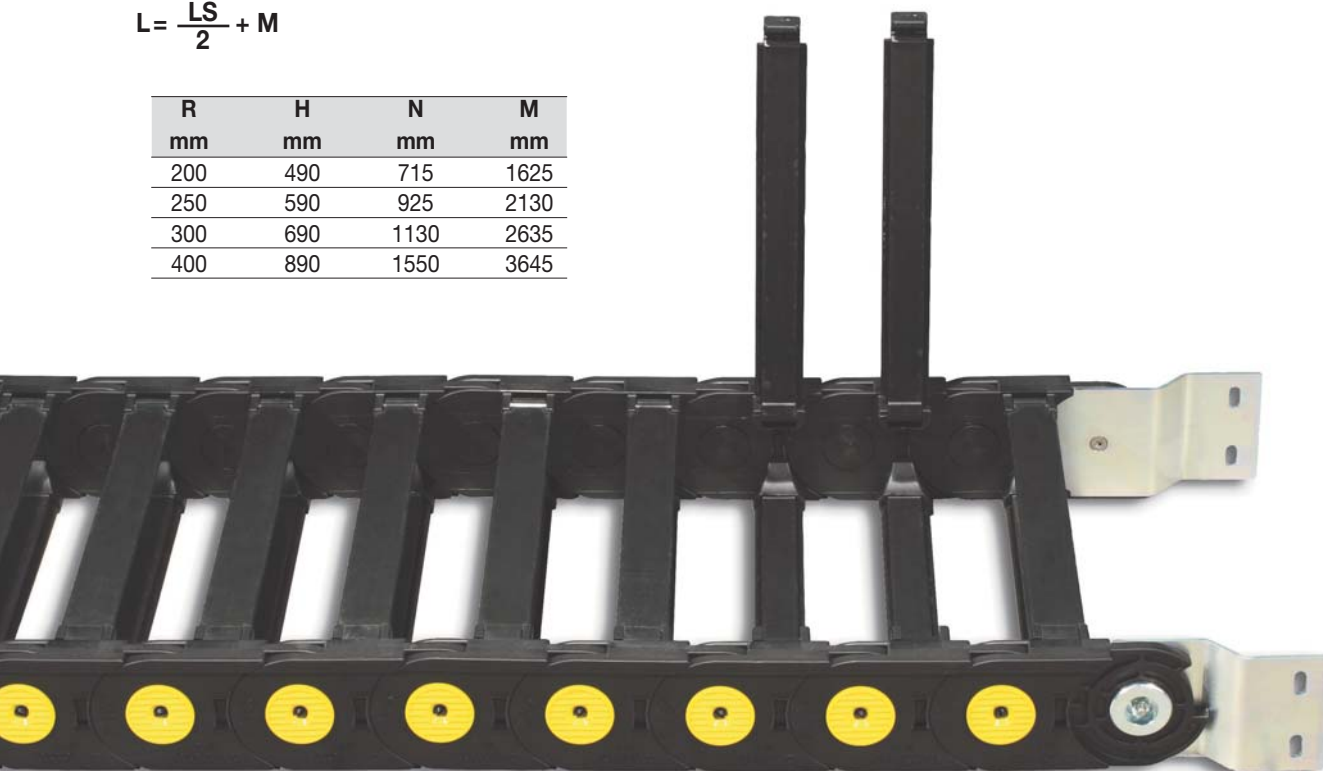
$$L = \frac{LS}{2} + M$$

R	H	N	M
mm	mm	mm	mm
200	490	715	1625
250	590	925	2130
300	690	1130	2635
400	890	1550	3645

A	B	C	D	R	Weight/m	Chain
mm	mm	mm	mm	mm	kg	Part number
169	96	115	60,5	200-250-300-400	5,37	60PI(PE)115 □□□*
189	96	135	60,5	200-250-300-400	5,46	60PI(PE)135 □□□*
214	96	160	60,5	200-250-300-400	5,52	60PI(PE)160 □□□*
221	96	167	60,5	200-250-300-400	5,54	60PI(PE)167 □□□*
244	96	190	60,5	200-250-300-400	5,61	60PI(PE)190 □□□*
284	96	230	60,5	200-250-300-400	5,77	60PI(PE)230 □□□*
319	96	265	60,5	200-250-300-400	5,91	60PI(PE)265 □□□*
345	96	291	60,5	200-250-300-400	5,99	60PI(PE)291 □□□*
369	96	315	60,5	200-250-300-400	6,07	60PI(PE)315 □□□*
395	96	341	60,5	200-250-300-400	6,17	60PI(PE)341 □□□*
419	96	365	60,5	200-250-300-400	6,26	60PI(PE)365 □□□*
445	96	391	60,5	200-250-300-400	6,34	60PI(PE)391 □□□*
469	96	415	60,5	200-250-300-400	6,43	60PI(PE)415 □□□*
524	96	470	60,5	200-250-300-400	6,75	60PI(PE)470 □□□*
593	96	539	60,5	200-250-300-400	7,08	60PI(PE)539 □□□*

*Complete the code by inserting the value of the radius (R): Ex. 60PI(PE)115 □ □ □ □

Chain equipped with nylon frame every pitch: complete the code by inserting the letter D.
60PI(PE)115250 □



End Brackets

The end brackets set allows the two ends of the chain to be attached to the equipment. One set includes two pivoting end brackets to be installed at the moving point and two standard steel end brackets to be installed at the fixed point.

Bright Zinc Plated Steel Movable Type*** (fixed point)

Bright Zinc Plated Steel Type*** (moving point)

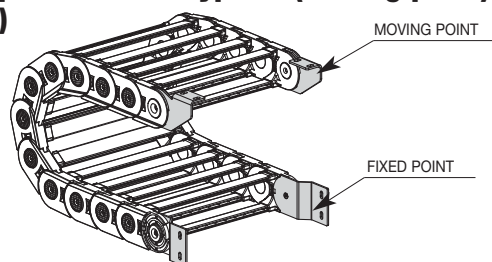
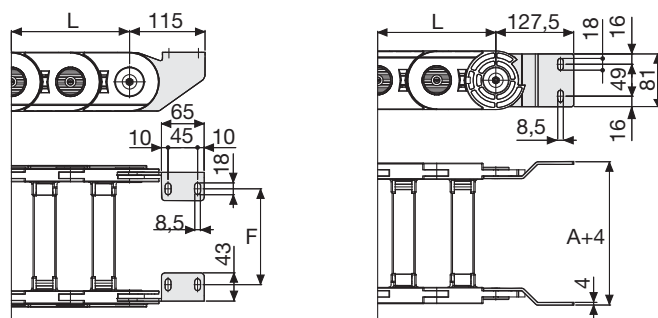


Fig. A
Chain fixed outside the radius. (Fig A)



Chain Type	F mm
60PI(PE)115	95
60PI(PE)135	115
60PI(PE)160	140
60PI(PE)167	147
60PI(PE)190	170
60PI(PE)230	210
60PI(PE)265	245
60PI(PE)291	271
60PI(PE)315	295
60PI(PE)341	321
60PI(PE)365	345
60PI(PE)391	371
60PI(PE)415	395
60PI(PE)470	450
60PI(PE)539	519

Bright Zinc Plated Steel Type Part Numbers

Complete Set Assembled	
Chain Type	End Brackets Set
60PI/PE...	A60PKM

Complete Set Unassembled	
Chain Type	End Brackets Set
60PI/PE...	A60PK

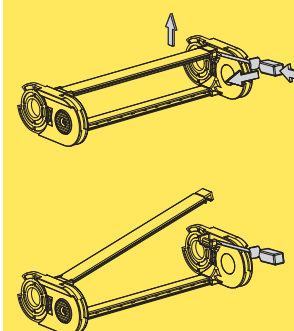
*** Available on request in stainless steel

Serie Sliding

60PI

60PE

Nylon Cable Chain
with opening frames



How to open the cover.

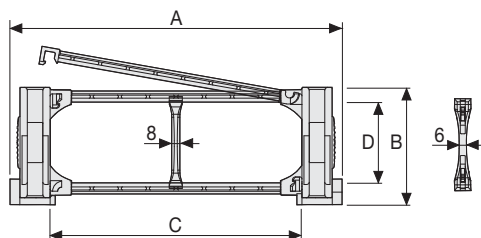
For further information please
consult Brevetti Stendalto's
Technical Office

Serie Sliding

80PI/80PE Nylon Cable Chain with opening frames

Inner height (D) 80,5 mm

Strong double share Sideband & Frame construction with large anti-friction single pin. The chain features screwed-on interchangeable sliding skids to offer durability even with high speed and loads. Frames opening from inner radius (..PI) and outer radius (..PE). As standard the chain comes with frames every second link, on request with frames every link. Separation systems are available.



Separator

- Unassembled Part.no S80
- Assembled Part.no S80MC

Strong-hold separator

for C > 250 mm

- Unassembled Part.no S80HOL
- Assembled Part.no S80HOLMC

Pin

Part.no PNE80-PNI80

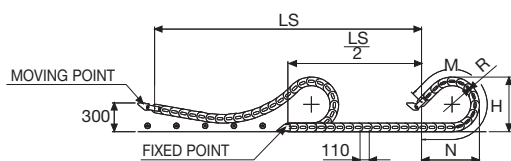
Sliding skid

Part.no PAT80

Technical characteristics

Speed	5 m/s
Acceleration	13 m/s ²

For higher requirements please consult our technical dept.



Length of chain (L)

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

plus length of curve (M)

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

A mm	B mm	C mm	D mm	R mm	Weight/m kg	Chain Part number
195	117	115	80,5	200-250-300-400-500-700	8,60	80PI(PE)115□□□*
215	117	135	80,5	200-250-300-400-500-700	8,67	80PI(PE)135□□□*
240	117	160	80,5	200-250-300-400-500-700	8,73	80PI(PE)160□□□*
247	117	167	80,5	200-250-300-400-500-700	8,75	80PI(PE)167□□□*
270	117	190	80,5	200-250-300-400-500-700	8,80	80PI(PE)190□□□*
310	117	230	80,5	200-250-300-400-500-700	8,93	80PI(PE)230□□□*
345	117	265	80,5	200-250-300-400-500-700	9,05	80PI(PE)265□□□*
371	117	291	80,5	200-250-300-400-500-700	9,11	80PI(PE)291□□□*
395	117	315	80,5	200-250-300-400-500-700	9,17	80PI(PE)315□□□*
421	117	341	80,5	200-250-300-400-500-700	9,25	80PI(PE)341□□□*
445	117	365	80,5	200-250-300-400-500-700	9,33	80PI(PE)365□□□*
471	117	391	80,5	200-250-300-400-500-700	9,40	80PI(PE)391□□□*
495	117	415	80,5	200-250-300-400-500-700	9,47	80PI(PE)415□□□*
550	117	470	80,5	200-250-300-400-500-700	9,75	80PI(PE)470□□□*
619	117	539	80,5	200-250-300-400-500-700	10,00	80PI(PE)539□□□*

*Complete the code by inserting the value of the radius (R): Ex. 80PI(PE)115 □ □ □

Chain equipped with nylon frame every pitch: complete the code by inserting the letter D.
80PI(PE)115250 □

R mm	H mm	N mm	M mm
200	510	695	1555
250	610	905	2060
300	710	1115	2565
400	910	1530	3575
500	1110	1945	4580
700	1510	2785	6600



End Brackets

The end brackets set allows the two ends of the chain to be attached to the equipment. One set includes two pivoting end brackets to be installed at the moving point and two standard steel end brackets to be installed at the fixed point.

Bright Zinc Plated Steel Movable Type*** (fixed point)

Bright Zinc Plated Steel Type*** (moving point)

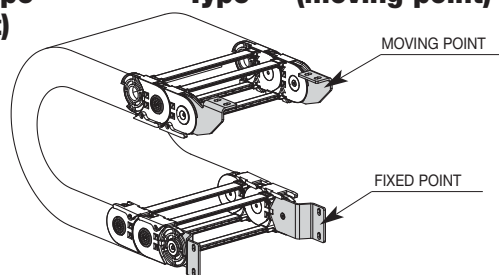
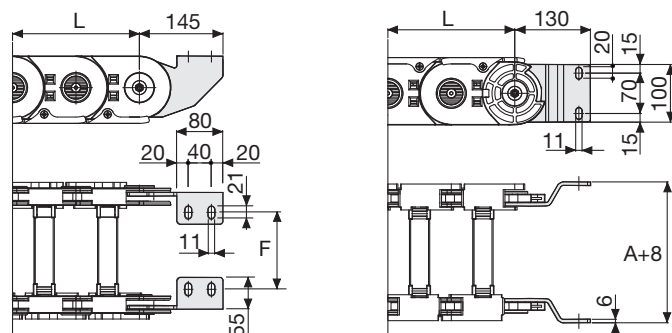


Fig. A
Chain fixed outside the radius. (Fig A)



Chain Type	F mm
80PI(PE)115	92
80PI(PE)135	112
80PI(PE)160	137
80PI(PE)167	144
80PI(PE)190	167
80PI(PE)230	207
80PI(PE)265	242
80PI(PE)291	268
80PI(PE)315	292
80PI(PE)341	318
80PI(PE)365	342
80PI(PE)391	368
80PI(PE)415	392
80PI(PE)470	447
80PI(PE)539	516

Bright Zinc Plated Steel Type Part Numbers

Chain Type	End Brackets Set
80PI/PE...	A80PKM

Chain Type	End Brackets Set
80PI/PE...	A80PK

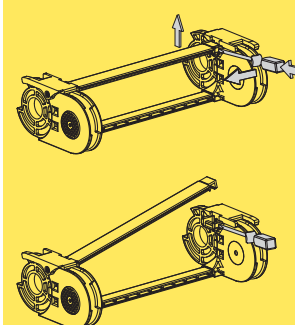
*** Available on request in stainless steel

Serie Sliding

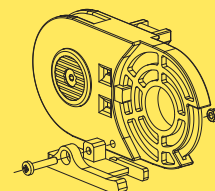
80PI

80PE

Nylon Cable Chain
with opening frames



How to open the cover.



Sliding skid

For further information please
consult Brevetti Stendalto's
Technical Office

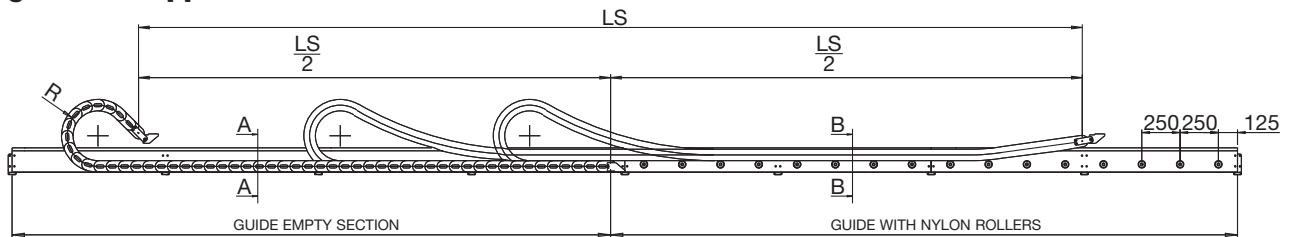
Serie Sliding

Guide Channel

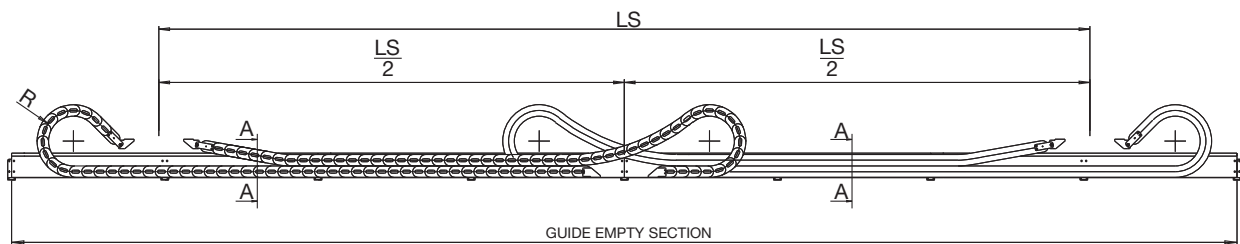
445-660A-770A-326-328-20P-30P-60

Special guide channel allows the use of the chain for long travel distance.
Available in galvanised steel and, on request, in stainless steel.

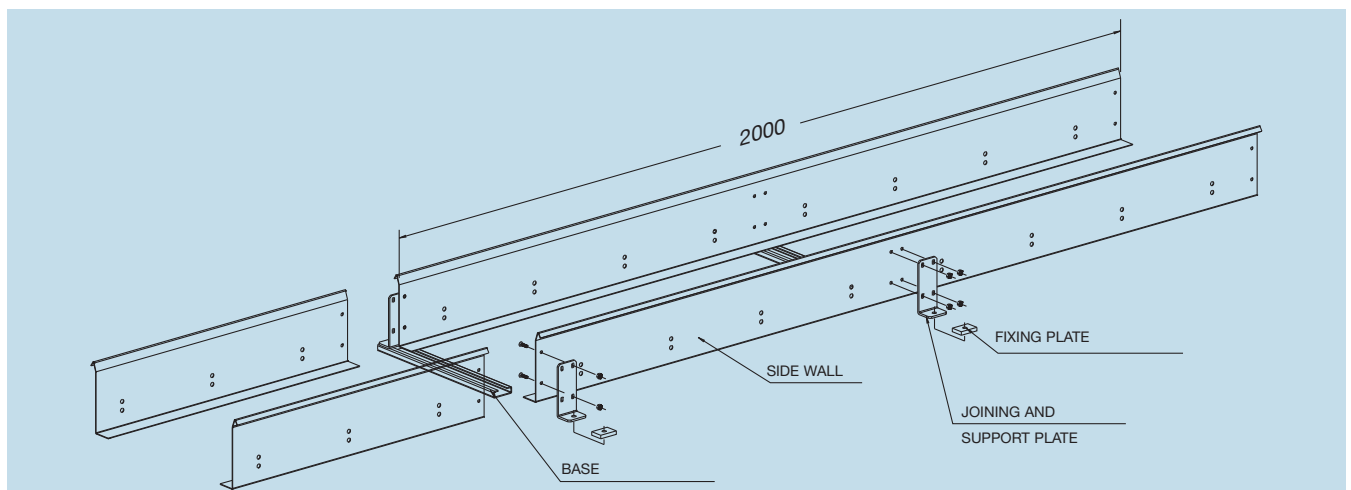
Single Chain Application



Double Chain Application

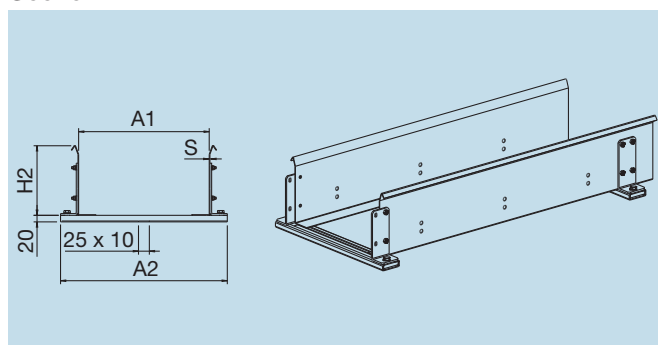


Channel guide is available in assembling kit composed by:
side walls 2 m standard length
joining and support plates
fixing screws
base
sliding device (nylon wheel/steel or plastic plate)



Empty Guide Section

Section A-A



Part Number

CS326...

How to order

Chain part number **326B100150**

Guide channel

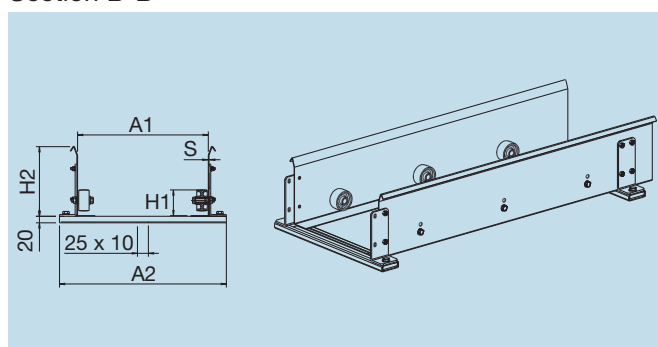
part number **CS326B100**

Serie Sliding

Chain	H2 mm	H1 mm
445	160	64
660A	160	59
326	160	59
770A	160	79
328	160	79
60	190	96
20P	160	59
30P	190	81,5

Guide with Nylon Rollers

Section B-B



Part Number

CR326...

How to order

Chain part number **326B100150**

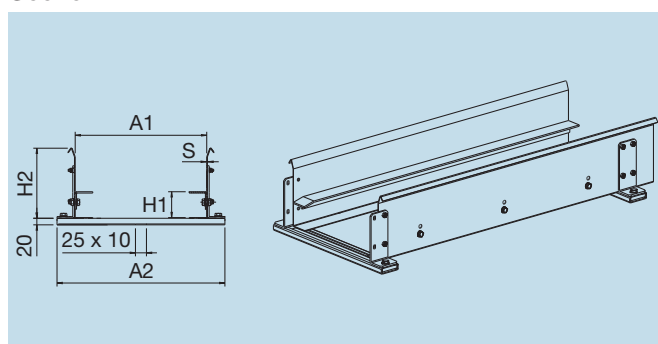
Guide channel

part number **CR326B100**

Chain	S mm	A1 mm	A2 mm
445	1,5	A+4	A+87
660A	1,5	A+4	A+87
326	1,5	A+4	A+87
770A	1,5	A+4	A+87
328	1,5	A+4	A+87
60	1,5	A+4	A+87
20P	1,5	A+4	A+87
30P	2	A+4	A+88

Guide with Steel Sliding Plate

Section B-B



Part Number

CA326...

How to order

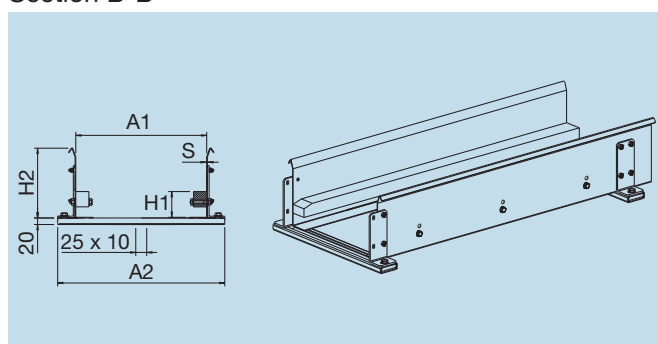
Chain part number **326B100150**

Guide channel

part number **CA326B100**

Guide with Plastic Sliding Plate

Section B-B



Part Number

CP326...

How to order

Chain part number **326B100150**

Guide channel

part number **CP326B100**

For further information please
consult Brevetti Stendalto's
Technical Office

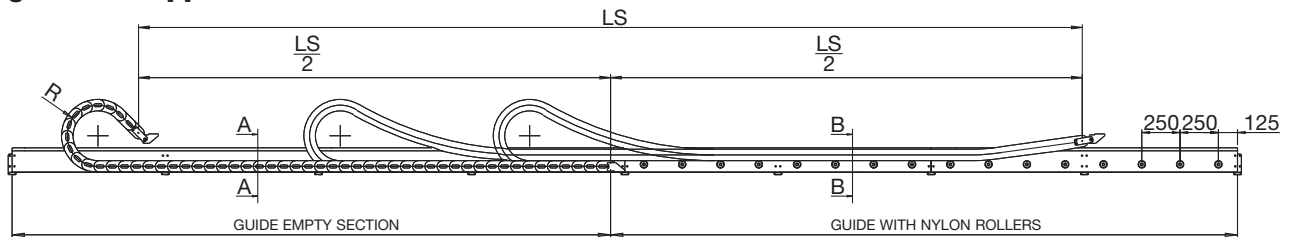
Serie Sliding

Guide Channel

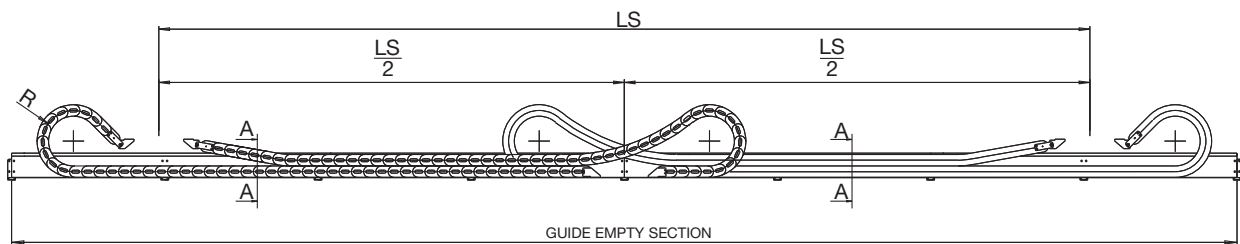
478-319-329-80-35P-35PC-40P

Special guide channel allows the use of the chain for long travel distance
Available in galvanised steel and, on request, in stainless steel.

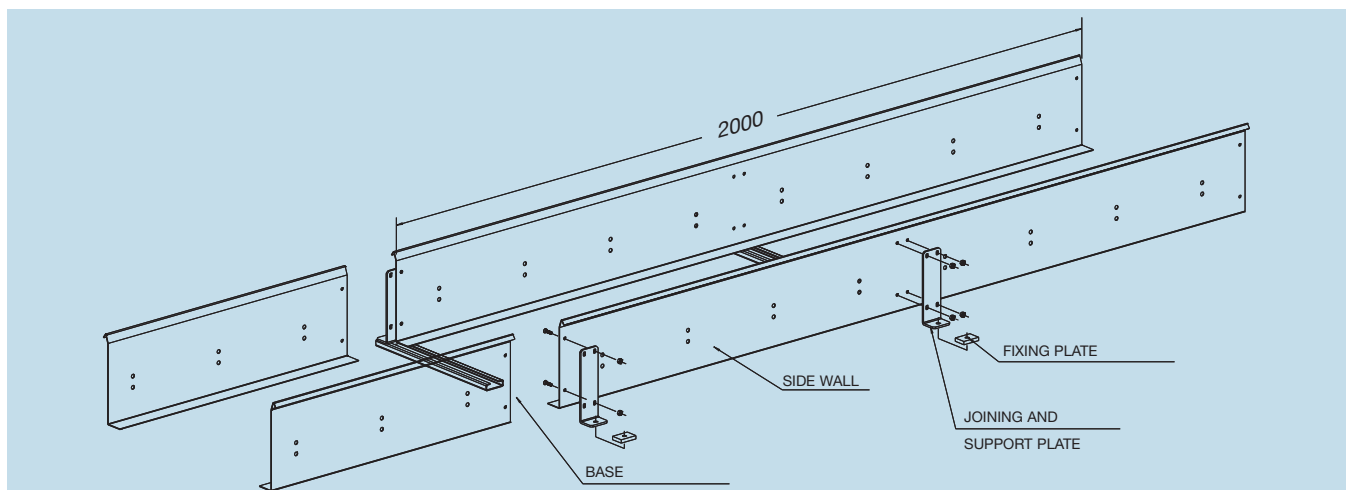
Single Chain Application



Double Chain Application

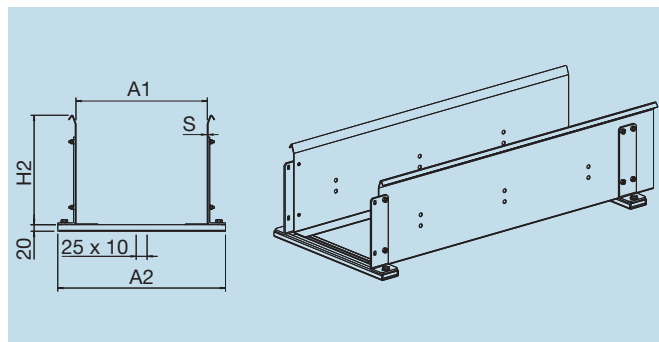


Channel guide is available in assembling kit composed by:
side walls 2 m standard length
joining and support plates
fixing screws
base
sliding device (nylon wheel/steel or plastic plate)



Empty Guide Section

Section A-A



Part Number

CS319...

How to order

Chain part number **319PSB100200**

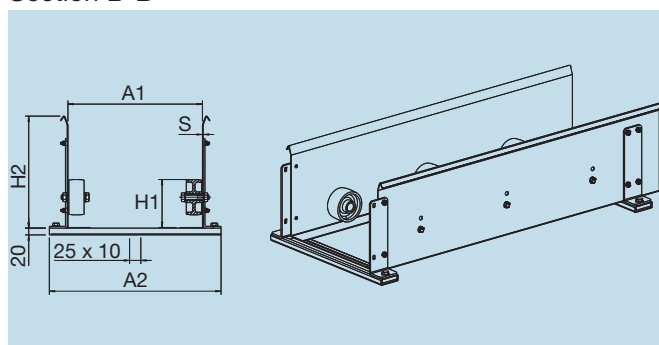
Guide channel
part number **CS319B100**

Serie Sliding

Chain	H2 mm	H1 mm
319	250	107
329	250	107
80	250	117
35P	250	107
35CP	250	107
40	325	161,5
478	250	107

Guide with Nylon Rollers

Section B-B



Part Number

CR319...

How to order

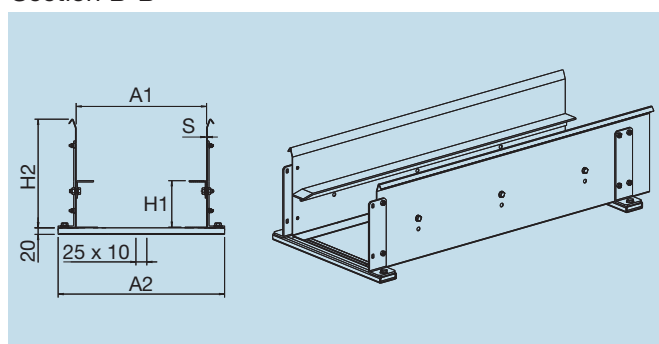
Chain part number **319PSB100200**

Guide channel
part number **CR319B100**

Chain	S mm	A1 mm	A2 mm
319	1,5	A+8	A+91
329	1,5	A+8	A+91
80	2	A+8	A+92
35P	2	A+8	A+92
35CP	2	A+8	A+92
40	3	A+8	A+94
478	1,5	A+8	A+91

Guide with Steel Sliding Plate

Section B-B



Part Number

CA319...

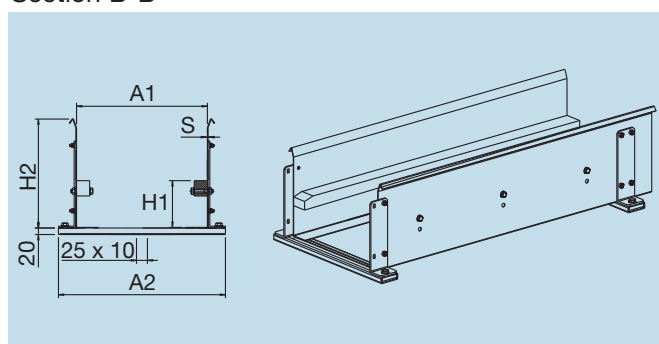
How to order

Chain part number **319PSB100200**

Guide channel
part number **CA319B100**

Guide with Plastic Sliding Plate

Section B-B



Part Number

CP319...

How to order

Chain part number **319PSB100200**

Guide channel
part number **CP319B100**

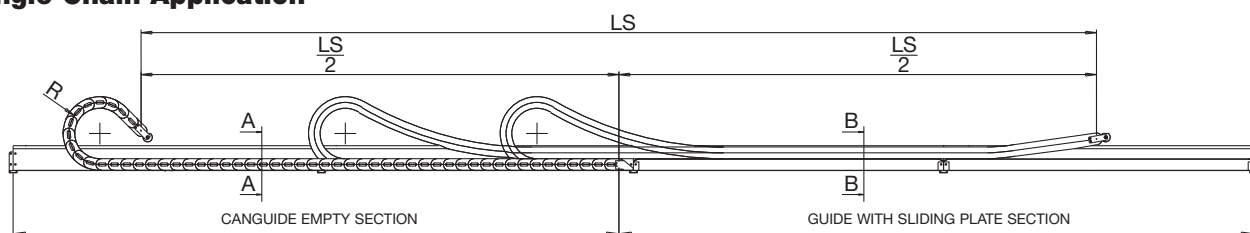
For further information please
consult Brevetti Stendatto's
Technical Office

Serie Sliding

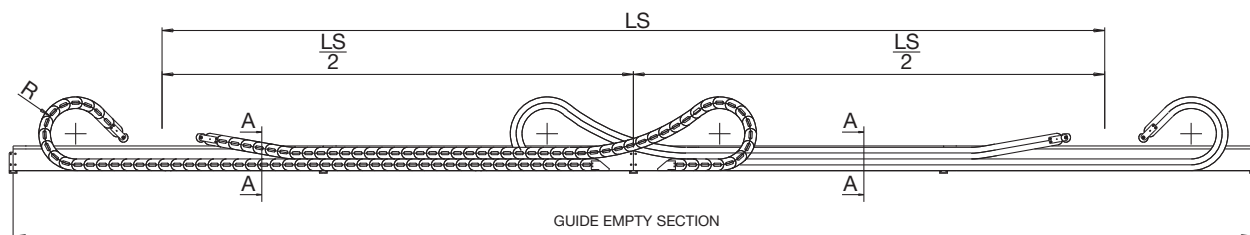
Aluminium Guide Channel 326-328-60

Special aluminium guide channel allows the use of the chain for long travel distance.

Single Chain Application

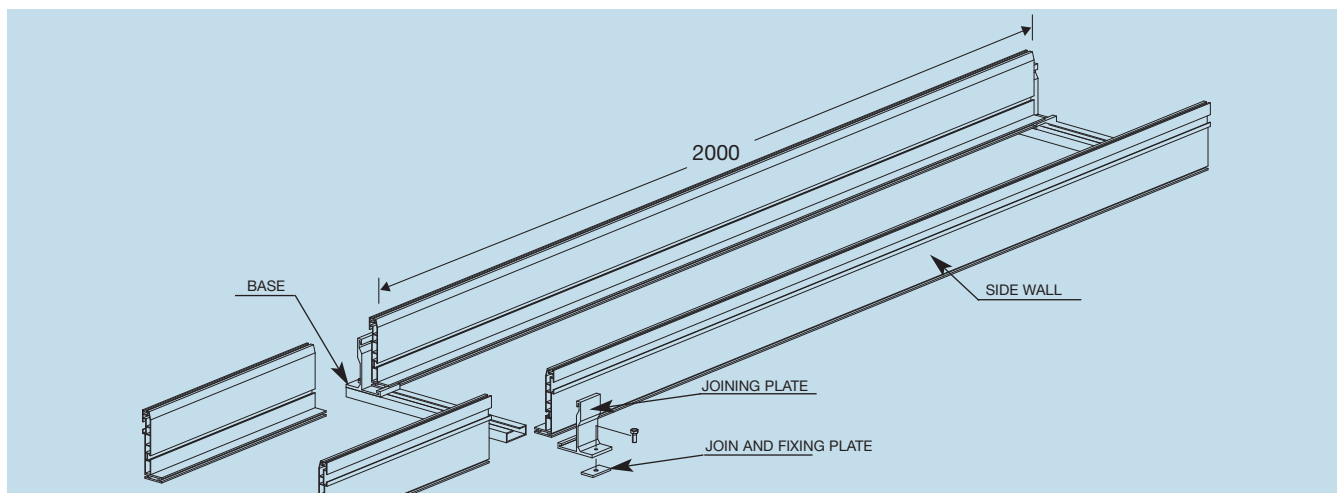


Double Chain Application



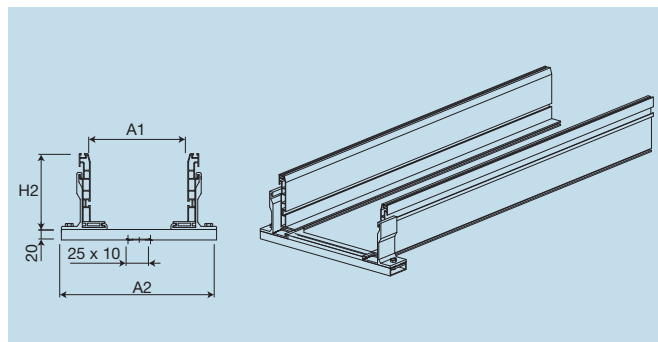
Channel guide is available in kit composed by:

- side walls 2 m standard length
- joining and fixing plates
- fixing screws
- base profile
- supporting parts (nylon wheels or plastic support plate)



Empty Guide Section

Section A-A



Part Number

CSA326...

How to order

Chain part number **326B100150**

Guide channel
part number **CSA326B100**

CSA60...

Chain part number **60PI391250**

Guide channel
part number **CSA60-391**

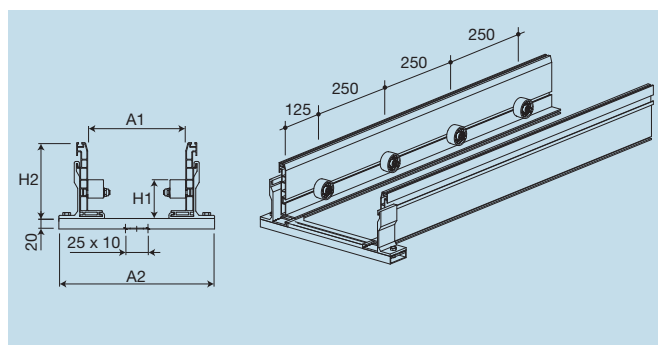
Serie Sliding

Chain	H2 mm	H1 mm
326	145	59
328	200	79
60	200	96

Chain	A1 mm	A2 mm
326	A+4	A+114
328	A+4	A+114
60	A+4	A+114

Guide with Nylon Rollers

Section B-B



Part Number

CRA326...

How to order

Chain part number **326B100150**

Guide channel
part number **CRA326B100**

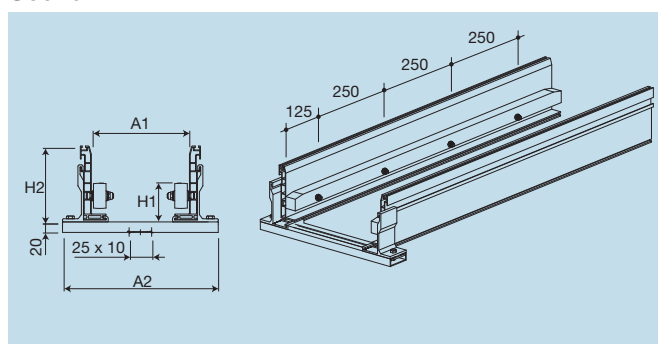
CRA60...

Chain part number **60PI391250**

Guide channel
part number **CRA60-391**

Guide with Plastic Sliding Plate

Section B-B



Part Number

CPA326...

How to order

Chain part number **326B100150**

Guide channel
part number **CPA326B100**

CPA60...

Chain part number **60PI391250**

Guide channel
part number **CPA60-391**



Nylon Cable Chains Robot Series

Series 495	page 178
Series 500	page 180
Series 510TN	page 182
Series 515TN	page 182
Series 545	page 184
Series 599	page 186

*Quickly removable
covers for easy
installation of the
cables/hoses*

*Internal separations
for the subdivisions of
the cables/hoses*



*Double pin; high strength
in every condition*

3

*Support guide for a correct
functioning of the chain*

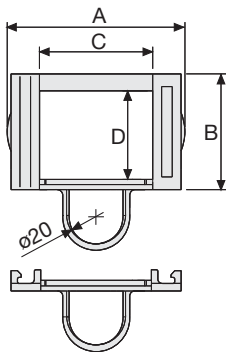
Inner surface without edges

*Special end brackets
will ensure a perfect
fitting of the chain*

Serie Robot

495
Circular Nylon Cable Chain
with removable frames

Inner height (D) 35 mm
Double share Sideband & Frame
construction with large anti-friction
single-pin.
Frames removable from inner radius.

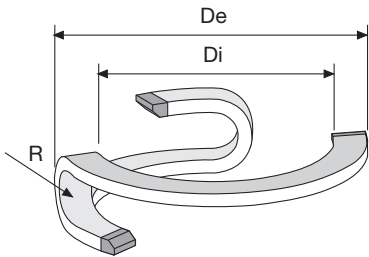


Pin
Part.no PG305

Technical characteristics	
Speed	180°/s
Acceleration	180°/s ²

For higher requirements please consult our
technical dept.

A	B	C	D	R	Weight/pitch	Chain
mm	mm	mm	mm	mm	kg	Part Number
69	45	45	35	100	0,100	495



R	Di	De
mm	mm	mm
100	600	755

Length of Chain		
Chain	Degrees	No
Part Numbers	of Rotation	of Pitches
495	90	13
495	180	18
495	270	22
495	360	26



Steel End Brackets

The end brackets set, containing two steel plates screwed to the links, allows the two ends of the chain to be attached to the equipment. The end brackets are installed in one position offering the possibility of attaching the chain externally. (Fig. A)

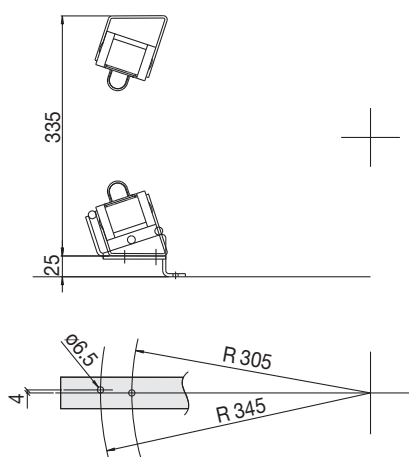


Fig. A

Support Guide

For correct functioning of the chain it is necessary that the installation is done in a specific position.

For this reason Brevetti Stendalto has observed and created a support guide which can do this. (Fig. B)

For particular applications it is possible to create support guides with attachment plates and special dimensions.

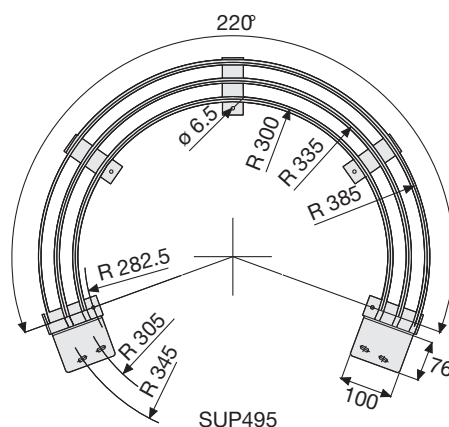


Fig. B

Steel End Brackets Part Numbers

Complete Set Assembled

Chain Type	End Brackets Set
495...	A495KM

Complete Set Unassembled

Chain Type	End Brackets Set
495...	A495K

Serie Robot

495

Circular Nylon Cable Chain with removable frames

Serie Robot

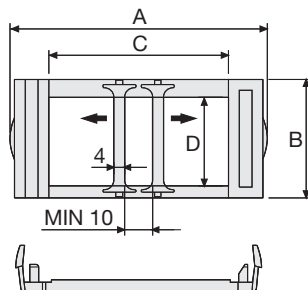
500

Circular Nylon Cable Chain with removable frames

Inner height (D) 30 mm

Double share Sideband & Frame construction with large anti-friction single-pin.

Frames removable from inner radius.



Separator

- Unassembled	Part.no S500
- Assembled	Part.no S500MC

Pin

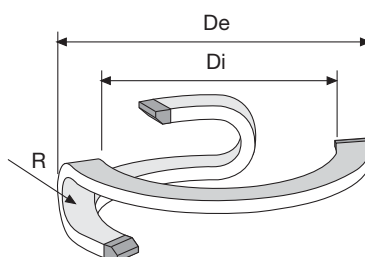
Part.no PG355

Technical characteristics

Speed	180°/s
Acceleration	180°/s ²

For higher requirements please consult our technical dept.

A mm	B mm	C mm	D mm	R mm	Weight/pitch kg	Chain Part Number
93	43	65	30	100	0,135	5001
93	43	65	30	150	0,135	5002



R mm	Di mm	De mm
100	630	830
150	630	830

Length of Chain

Chain Part Numbers	Degrees of Rotation	No of Pitches
5001	90	12
5001	180	16
5001	270	20
5001	360	24
5002	90	14
5002	180	18
5002	270	23
5002	360	27



Steel End Brackets

The end brackets set, containing two steel plates screwed to the links, allows the two ends of the chain to be attached to the equipment. The end brackets are installed in one position offering the possibility of attaching the chain externally. (Fig. A)

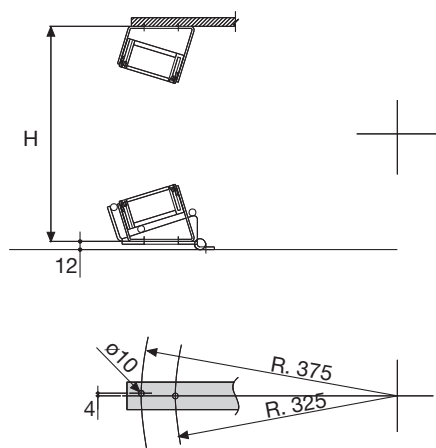


Fig. A

Chain Type	H
5001	330
5002	410

Steel End Brackets Part Numbers

Complete Set Assembled

Chain Type	End Brackets Set
500...	A500KM

Complete Set Unassembled

Chain Type	End Brackets Set
500...	A500K

Support Guide

For correct functioning of the chain it is necessary that the installation is done in a specific position.

For this reason Brevetti Stendalto has observed and created a support guide which can do this. (Fig. B)

For particular applications it is possible to create support guides with attachment plates and special dimensions.

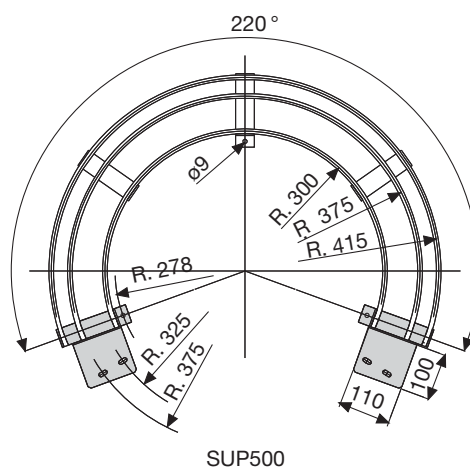


Fig. B

For applications with rotations exceeding 200° it is necessary to use the appropriate accessories for supporting the cable chain. (see page 28).

Serie Robot

500 Circular Nylon Cable Chain with removable frames

Serie Robot

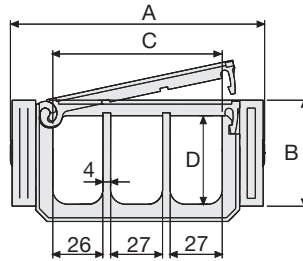
510TN-515TN

Circular Nylon Cable Chain with opening frames

Inner height (D) 46 mm

Double share Sideband & Frame construction with large anti-friction twin-pin.

Frames opening from inner radius.



Pin 510TN

Part.no PG511

Pin 515TN

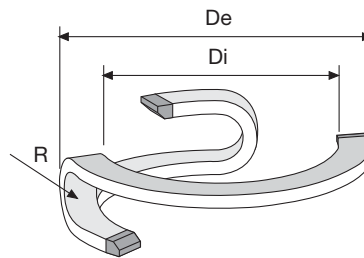
Part.no PG515-B515

Technical characteristics

Speed	180°/s
Acceleration	180°/s ²

For higher requirements please consult our technical dept.

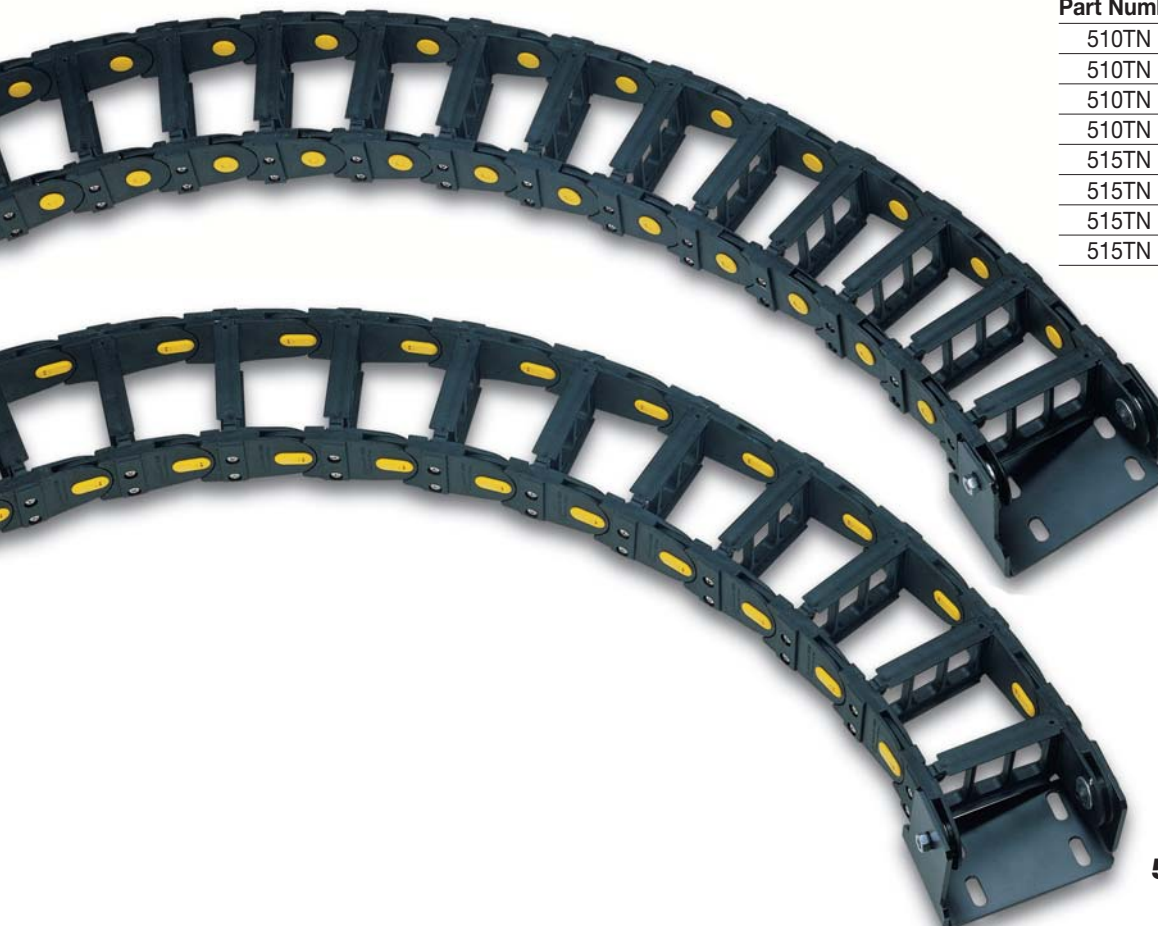
A	B	C	D	R	Weight/pitch	Chain
mm	mm	mm	mm	mm	kg	Part Number
132	55	88	46	125	0,200	510TN
132	55	88	46	175	0,200	515TN



Chain	R	Di	De
Part Number	mm	mm	mm
510TN	125	940	1220
515TN	175	1060	1340

Length of Chain

Chain	Degrees	No
Part Numbers	of Rotation	of Pitches
510TN	90	13
510TN	180	17
510TN	270	22
510TN	360	27
515TN	90	13
515TN	180	23
515TN	270	29
515TN	360	35



515TN

510TN

Steel End Brackets

The end brackets set, containing two steel plates screwed to the links, allows the two ends of the chain to be attached to the equipment. The end brackets are installed in one position offering the possibility of attaching the chain externally. (Fig. A)

510TN

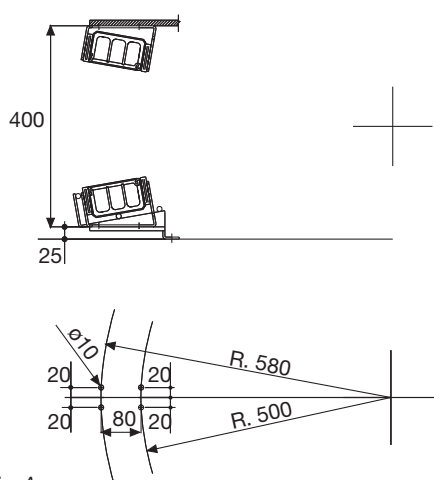


Fig. A

515TN

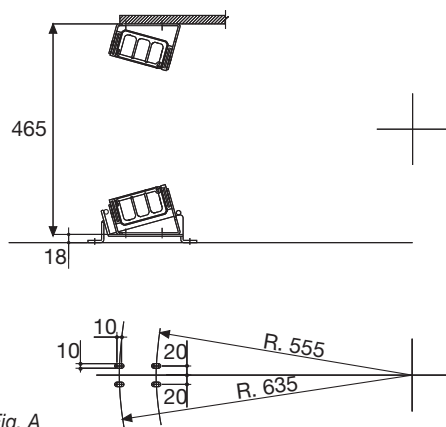


Fig. A

Steel End Brackets Part Numbers

Complete Set Assembled

Chain Type	End Brackets Set
510TN	A510TNKM
515TN	A515TNKM

Complete Set Unassembled

Chain Type	End Brackets Set
510TN	A510TNK
515TN	A515TNK

Support Guide

For correct functioning of the chain it is necessary that the installation is done in a specific position.

For this reason Brevetti Stendalto has observed and created a support guide which can do this. (Fig. B)

For particular applications it is possible to create support guides with attachment plates and special dimensions.

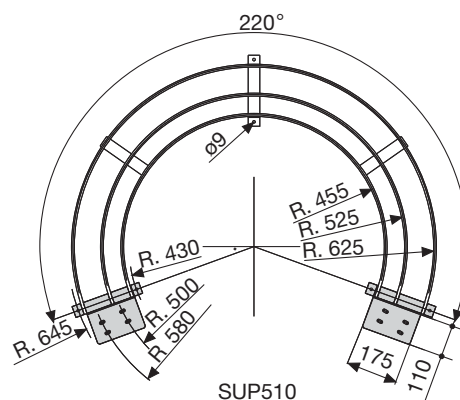


Fig. B

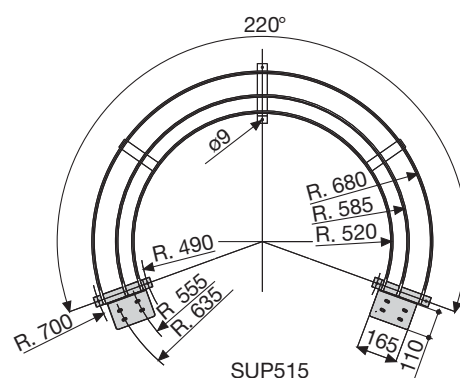


Fig. B

For applications with rotations exceeding 200° it is necessary to use the appropriate accessories for supporting the cable chain. (see page 28).

Serie Robot

510TN

515TN

Circular Nylon Cable Chain with opening frames

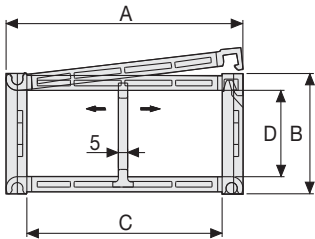
For further information please consult Brevetti Stendalto's Technical Office

Serie Robot

545
Circular Nylon Cable Chain
with opening frames

Inner height (D) 46 mm

Double share Sideband & Frame construction with large anti-friction single-pin.
Frames opening from inner radius.



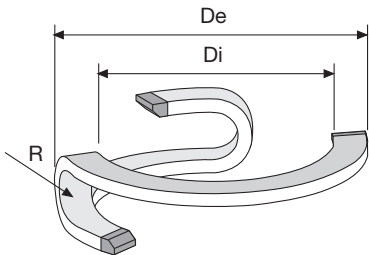
Separator	
- Unassembled	Part.no S445UF
- Assembled	Part.no S445UFMC
Pin	
Part.no PG545	

Technical characteristics

Speed	180°/s
Acceleration	180°/s ²

For higher requirements please consult our technical dept.

A	B	C	D	R	Weight/pitch	Chain
mm	mm	mm	mm	mm	kg	Part Number
123	62	100	46	100	0,200	545SI100100



R	Di	De
mm	mm	mm
100	485	760

Length of Chain

Chain	Degrees	No
Part Numbers	of Rotation	of Pitches
545	90	14
545	180	18
545	270	22
545	360	27



Steel End Brackets

The end brackets set, containing two steel plates screwed to the links, allows the two ends of the chain to be attached to the equipment. The end brackets are installed in one position offering the possibility of attaching the chain externally. (Fig. A)

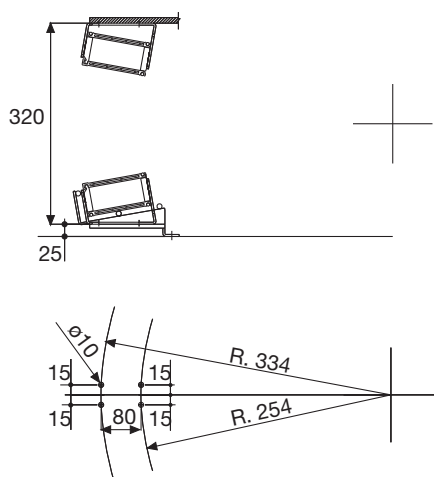


Fig. A

Support Guide

For correct functioning of the chain it is necessary that the installation is done in a specific position.

For this reason Brevetti Stendalto has observed and created a support guide which can do this. (Fig. B)

For particular applications it is possible to create support guides with attachment plates and special dimensions.

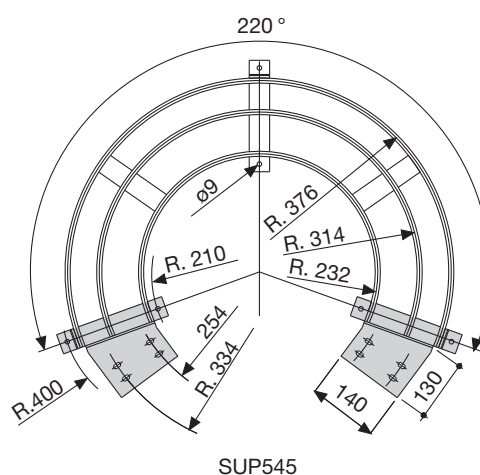


Fig. B

Steel End Brackets Part Numbers

Complete Set Assembled

Chain Type	End Brackets Set
545	A545KM

Complete Set Unassembled

Chain Type	End Brackets Set
545	A545K

For applications with rotations exceeding 200° it is necessary to use the appropriate accessories for supporting the cable chain. (see page 28).

Serie Robot

545 Circular Nylon Cable Chain with opening frames

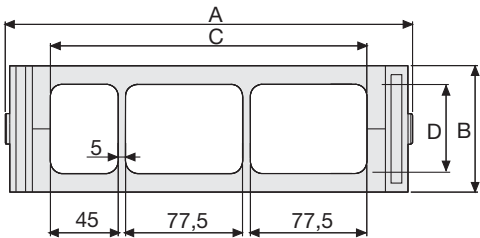
For further information please
consult Brevetti Stendalto's
Technical Office

599

Circular Nylon Cable Chain with un-screwable aluminium frames

Inner height (D) 59 mm

Strong double share Sideband & Frame construction with three single-pins in steel for high torsion resistance. Alu-frames are un-screwable from inner and outer radius.

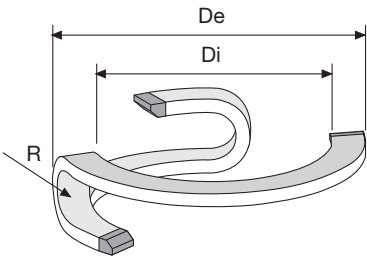


Technical characteristics

Speed	180°/s
Acceleration	180°/s ²

For higher requirements please consult our technical dept.

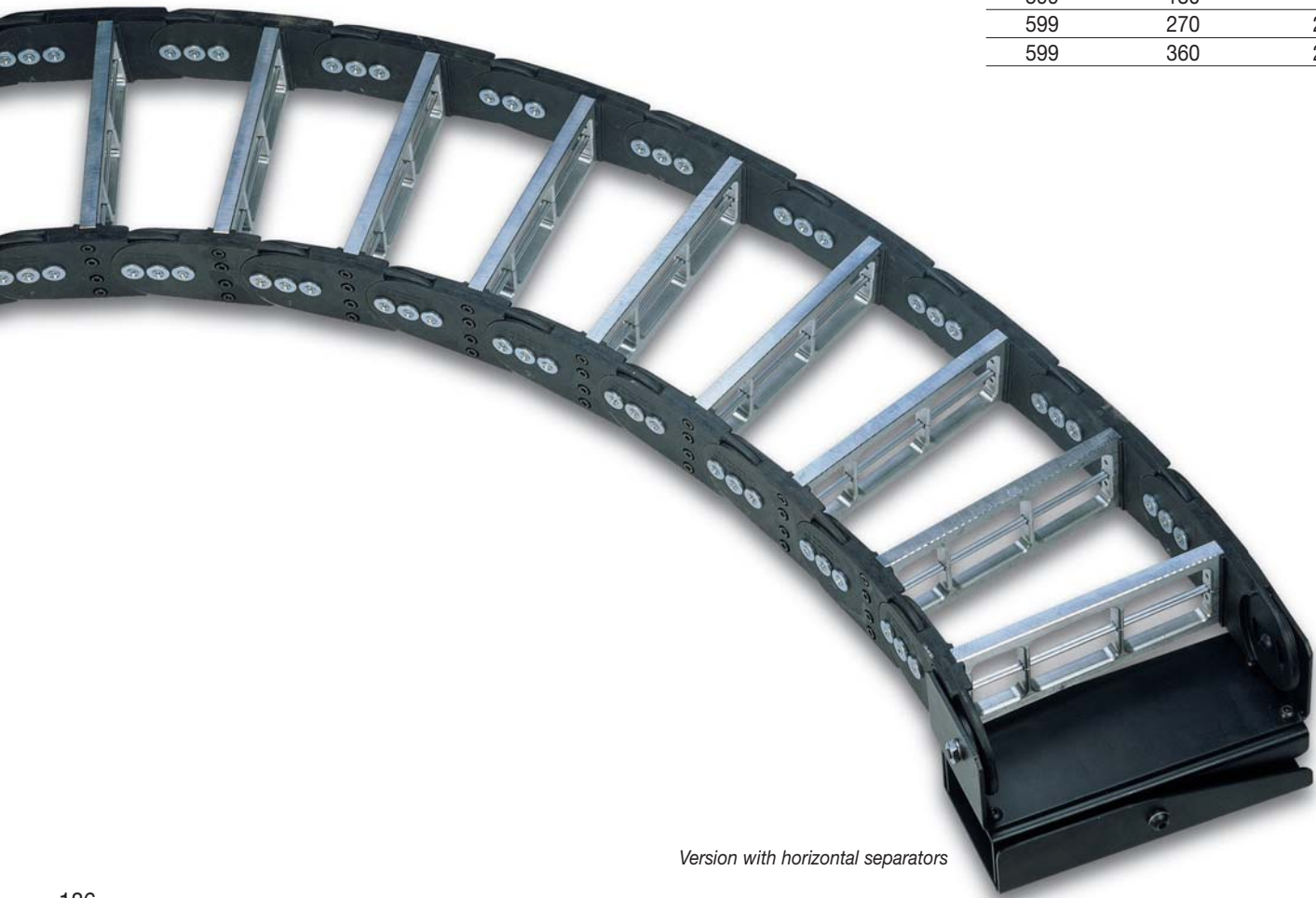
A	B	C	D	R	Weight/pitch	Chain
mm	mm	mm	mm	mm	kg	Part Number
272	85	210	59	220	0,900	599



R	Di	De
mm	mm	mm
220	1400	2000

Length of Chain

Chain	Degrees	No
Part Numbers	of Rotation	of Pitches
599	90	14
599	180	19
599	270	23
599	360	28



Version with horizontal separators

Steel End Brackets

The end brackets set, containing two steel plates screwed to the links, allows the two ends of the chain to be attached to the equipment. The end brackets are installed in one position offering the possibility of attaching the chain externally. (Fig. A)

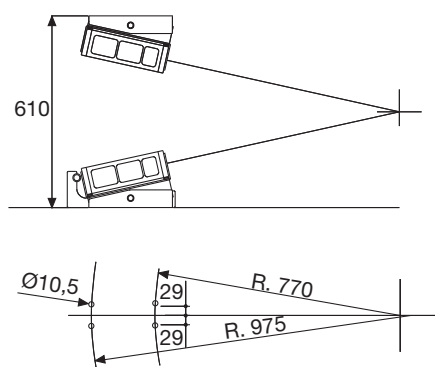


Fig. A

Support Guide

For correct functioning of the chain it is necessary that the installation is done in a specific position.

For this reason Brevetti Stendalto has observed and created a support guide which can do this. (Fig. B)

For particular applications it is possible to create support guides with attachment plates and special dimensions.

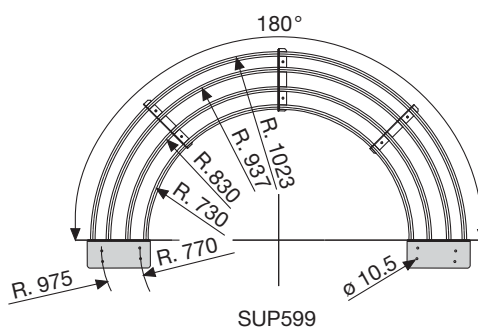


Fig. B

Steel End Brackets Part Numbers

Complete Set Assembled

Chain Type	End Brackets Set
599	A599KM

Complete Set Unassembled

Chain Type	End Brackets Set
599	A599K

For applications with rotations exceeding 200° it is necessary to use the appropriate accessories for supporting the cable chain. (see page 28).

Serie Robot

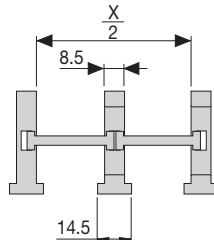
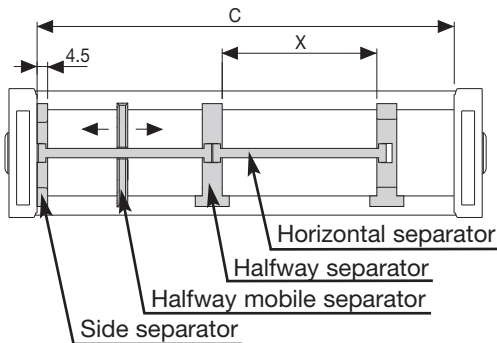
599

Circular Nylon Cable Chain with un-screwable aluminium frames

For further information please consult Brevetti Stendalto's Technical Office

Separation System

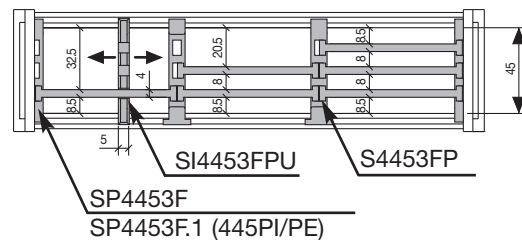
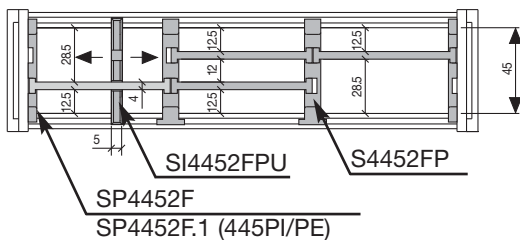
The Separation System, proposed by Brevetti Stendalto, guarantees the perfect disposal of cables inside the chain and allows an easy opening of the frame also when the chain is already harnessed. A wide range of horizontal separators is available in order to obtain many different arrangements.



Horizontal Separator Part Number	X mm	$\frac{X}{2}$
SO01016	16	
SO01025	25	
SO01029	29	
SO01035	35	
SO01041	41	SO01016 + S... + SO01016
SO01050	50	SO01016 + S... + SO01025
SO01059	59	SO01025 + S... + SO01025
SO01066	66	SO01029 + S... + SO01029
SO01074	74	SO01025 + S... + SO01041
SO01091	91	SO01041 + S... + SO01041
SO01108	108	SO01059 + S... + SO01041
SO01120	120	
SO01140	140	SO01091 + S... + SO01041

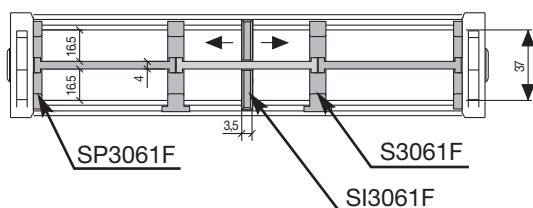
445MI/ME/PI/PE

Side separator. Halfway separator. Halfway mobile separator. Horizontal separator. Up to 4 horizontal separations.



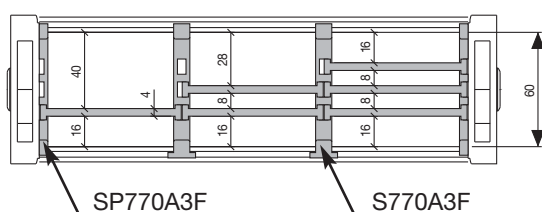
660A - 306SU/CU

Side separator. Halfway separator. Halfway mobile separator. Horizontal separator. Up to 2 horizontal separations.

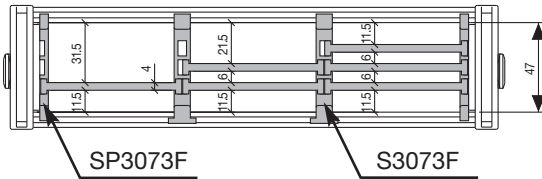


770A

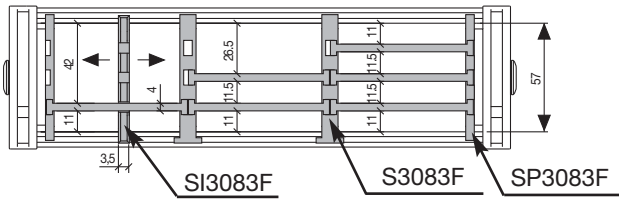
Side separator. Halfway separator. Horizontal separator. Up to 4 horizontal separations.



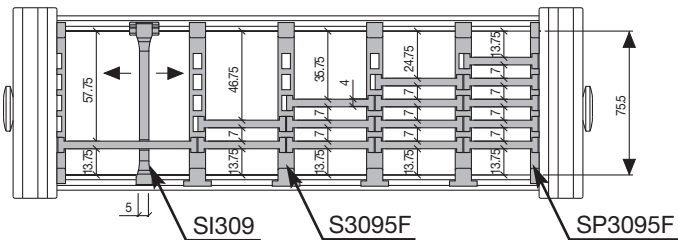
Side separator. Halfway separator. Horizontal separator.
Up to 4 horizontal separations.



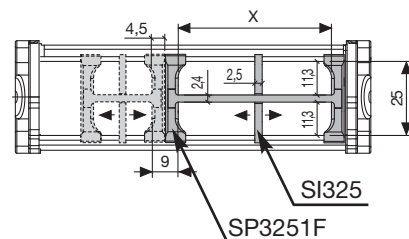
Side separator. Halfway separator. Halfway mobile separator. Horizontal separator.
Up to 4 horizontal separations.



Side separator. Halfway separator. Halfway mobile separator. Horizontal separator.
Up to 6 horizontal separations.

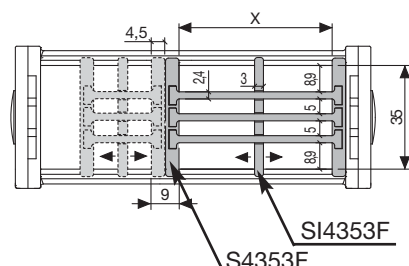


Side separator. Halfway separator. Halfway mobile separator. Horizontal separator.
Up to 2 horizontal separations.



Horizontal Separator Part Number	X mm
SO11031	31
SO11052	52
SO11068	68

Side separator. Halfway separator. Halfway mobile separator. Horizontal separator.
Up to 4 horizontal separations.



Horizontal Separator Part Number	X mm
SO11031	31
SO11052	52
SO11068	68

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

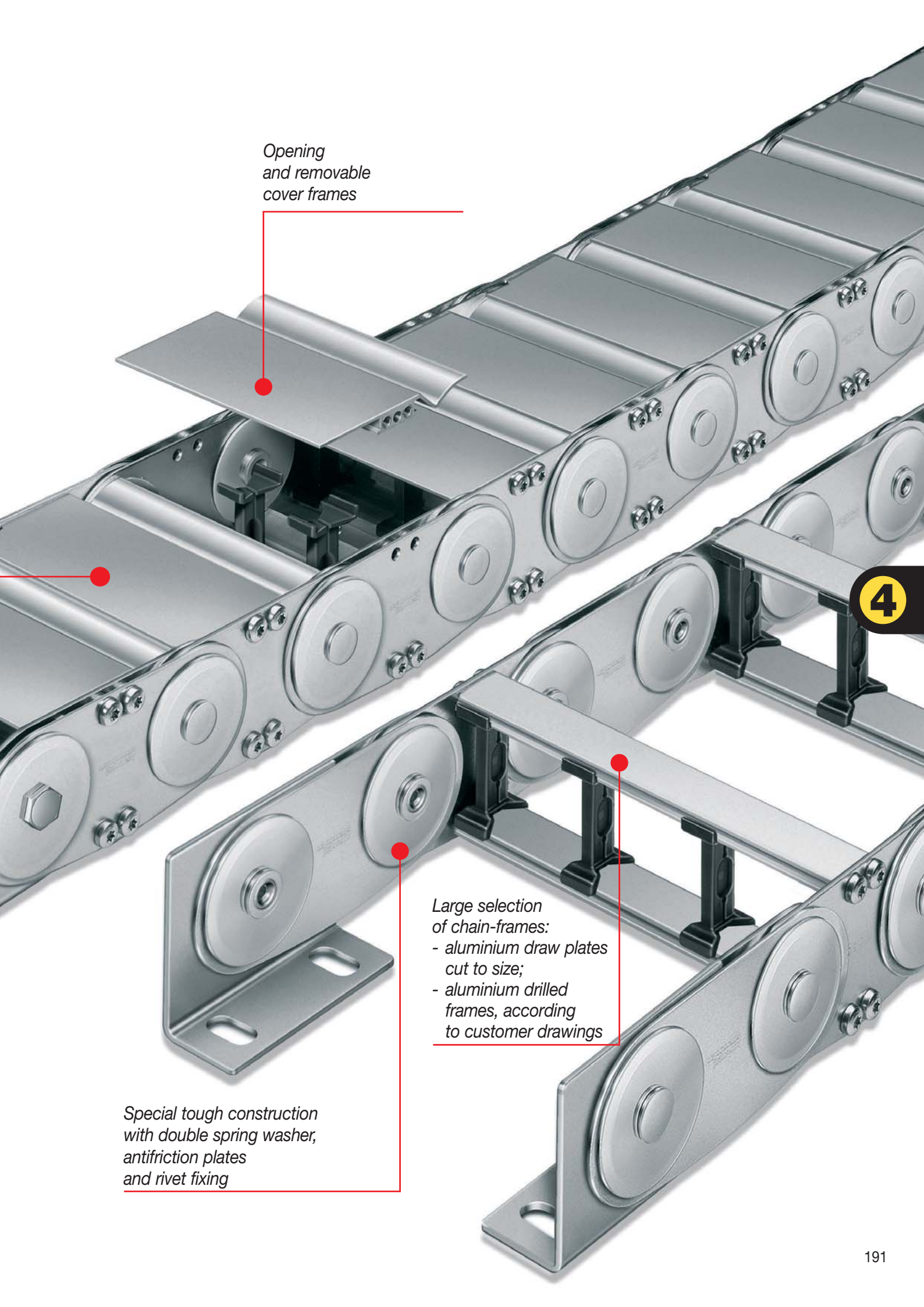
Steel Cable Chains Steel Series

Series 20NT	page 192
Series 30NT	page 194
Series 30LT	page 196
Series 30LC	page 198
Series 35NT	page 200
Series 35NC	page 202
Series 35LT	page 204
Series 35LC	page 206
Series 40T	page 208
Series 40C	page 210
Series 45T	page 212

Cable drag chains in steel for long travel distance	page 216
Special offshore applications	page 217

*Completely enclosed design
to protect chain contents from
steel and wood chips, dust, etc.*





Opening
and removable
cover frames

4

Large selection
of chain-frames:
- aluminium draw plates
cut to size;
- aluminium drilled
frames, according
to customer drawings

Special tough construction
with double spring washer,
antifriction plates
and rivet fixing

20NT

Cable Chains in Bright Zinc Plated Steel

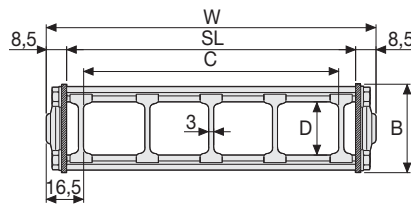
Inner height (D) 32 mm

Double share link construction.
Single-rivet fixing and standard large washer and nylon anti-friction disk to assure durable smooth movement.
Alu-draw frames (T) or Alu-drilled plates (TL) are un-screwable from both sides.
As standard the frames every second link, on request every link.
Vertical and horizontal separator systems are available.
Also available in Stainless Steel.

Technical characteristics when self-supported

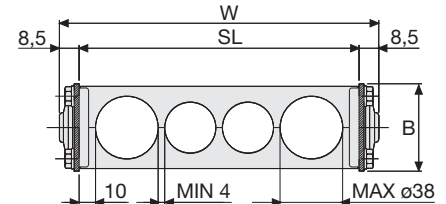
Speed	0,5 m/s
Acceleration	2 m/s ²

For higher requirements please consult our technical dept.



Separator

- Unassembled	Part.no S306CO
- Assembled	Part.no S306COMC



Aluminium Draw Plates with Separators in Nylon

W mm	B mm	C mm	D mm	R mm	Weight/m kg	Chain Part Number
112	53	79	32	075-115-150-205-250-305	5,06	20NT079□□□*
137	53	104	32	075-115-150-205-250-305	5,19	20NT104□□□*
187	53	154	32	075-115-150-205-250-305	5,46	20NT154□□□*
237	53	204	32	075-115-150-205-250-305	5,72	20NT204□□□*
287	53	254	32	075-115-150-205-250-305	5,98	20NT254□□□*
337	53	304	32	075-115-150-205-250-305	6,24	20NT304□□□*
C+33	53	....	32	075-115-150-205-250-305		20NT □□□□□**

*Complete the code by inserting the value of the radius (R): Ex. 20NT154 □ □ □ □

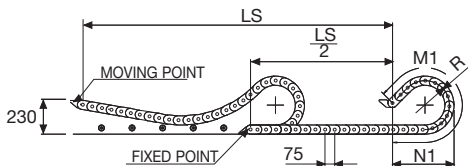
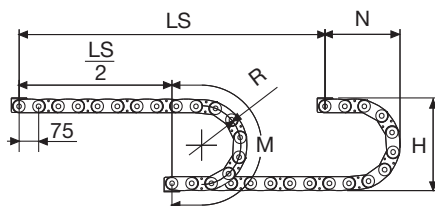
**Complete the code by inserting the value of the quote C and the radius (R): Ex. 20NT □ □ □ □ □ □

Chain equipped with aluminium draw plates every pitch: complete the code by inserting the letter D.
Ex. 20NT154250 □

Aluminium Split Cross Piece Created by Design

W mm	B mm	R mm	Chain Part Number
SL+17	53	075-115-150-205-250-305	20NTL □ □ □ □ □ ***

***Complete the code by inserting the value SL and the radius (R): Ex. 20NTL □ □ □ □ □ □



Length of chain (L)

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

plus length of curve (M)

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

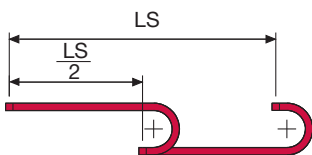
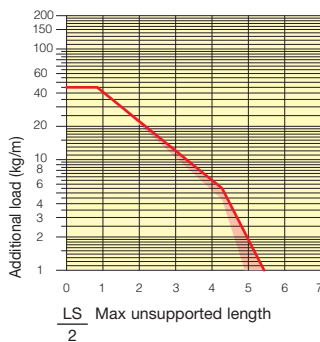
R mm	H* mm	N mm	M mm	N1 mm	M1 mm
075	214	180	390	-	-
115	294	220	515	500	1080
150	364	255	625	675	1485
205	474	310	795	885	2005
250	564	360	940	1030	2385
305	674	410	1110	1190	2825

* The height H should be increased by 10 mm/m approx. because of preload. In case of limitation to the available space, refer to the Technical Dept.



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 aluminium draw plates 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).

Bright Zinc Plated Steel End Brackets

The end brackets set, containing four steel plates screwed to the links allows the two ends of the chain to be attached to the equipment.

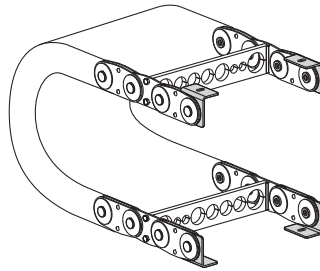
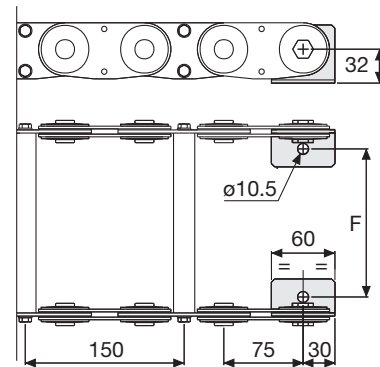


Fig. A
The chain can be fixed frontally, inner or outer radius. (Fig A)



Chain Type	F mm
20NT079	65
20NT104	90
20NT154	140
20NT204	190
20NT254	240
20NT304	290

Special widths F=W-47

Bright Zinc Plated Steel Type Part Numbers

Complete Set Assembled	
Chain Type	End Brackets Set
20...	A2000NKM

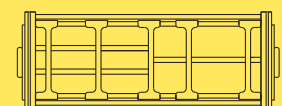
Complete Set Unassembled	
Chain Type	End Brackets Set
20...	A2000NK

Serie Steel

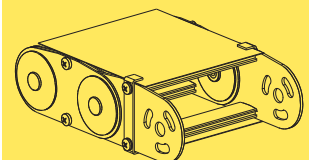
20NT Cable Chain in Bright Zinc Plated Steel



Suitable to long travel distance.
See page 214



Supplementary movable separators.



Steel laminar cover.

For further information please consult Brevetti Stendalto's Technical Office

30NT

Cable Chains in Bright Zinc Plated Steel

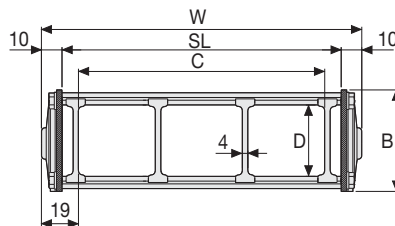
Inner height (D) 52 mm

Double share link construction.
Single-rivet fixing and standard large washer and nylon anti-friction disk to assure durable smooth movement.
Alu-draw frames (T) or Alu-drilled plates (TL) are un-screwable from both sides.
As standard the frames every second link, on request every link.
Vertical and horizontal separator systems are available.
Also available in Stainless Steel.

Technical characteristics when self-supported

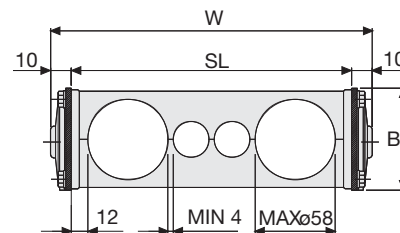
Speed	0,5 m/s
Acceleration	2 m/s ²

For higher requirements please consult our technical dept.



Separator

- Unassembled	Part.no S308CO
- Assembled	Part.no S308COMC



Aluminium Draw Plates with Separators in Nylon

W mm	B mm	C mm	D mm	R mm	Weight/m kg	Chain Part Number
144	74	106	52	150-220-250-305-400-535	8,30	30NT106□□□*
194	74	156	52	150-220-250-305-400-535	8,50	30NT156□□□*
244	74	206	52	150-220-250-305-400-535	8,70	30NT206□□□*
294	74	256	52	150-220-250-305-400-535	8,90	30NT256□□□*
344	74	306	52	150-220-250-305-400-535	9,11	30NT306□□□*
C+38	74	....	52	150-220-250-305-400-535		30NT □□□□□**

*Complete the code by inserting the value of the radius (R): Ex. 30NT156 □ □ □ □

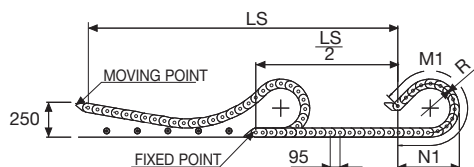
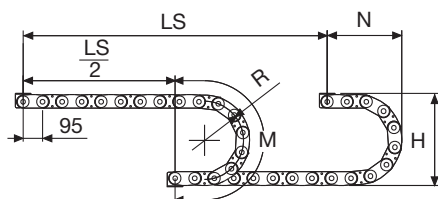
**Complete the code by inserting the value of the quote C and the radius (R): Ex. 30NT □ □ □ □ □ □ □ □

Chain equipped with aluminium draw plates every pitch: complete the code by inserting the letter D.
Ex. 30NT156250 □

Aluminium Split Cross Piece Created by Design

W mm	B mm	R mm	Chain Part Number
SL+20	74	150-220-250-305-400-535	30NTL □ □ □ □ □ ***

***Complete the code by inserting the value SL and the radius (R): Ex. 30NTL □ □ □ □ □ □ □ □



Length of chain (L)

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

plus length of curve (M)

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

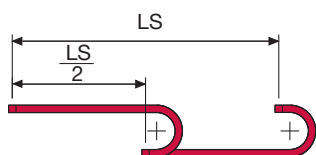
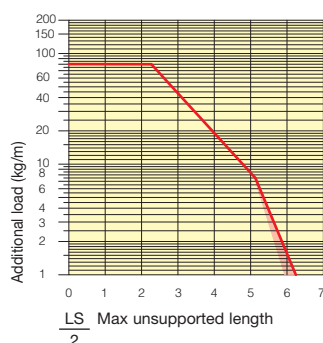
R mm	H* mm	N mm	M mm	N1 mm	M1 mm
150	388	290	670	830	1770
220	528	360	890	1145	2515
250	588	385	980	1255	2800
305	698	440	1150	1450	3285
400	888	540	1450	1740	4065
535	1158	675	1880	2110	5105

* The height H should be increased by 10 mm/m approx. because of preload. In case of limitation to the available space, refer to the Technical Deptm.



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 aluminium draw plates 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).

Bright Zinc Plated Steel End Brackets

The end brackets set, containing four steel plates screwed to the links allows the two ends of the chain to be attached to the equipment.

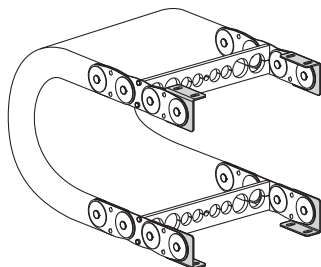
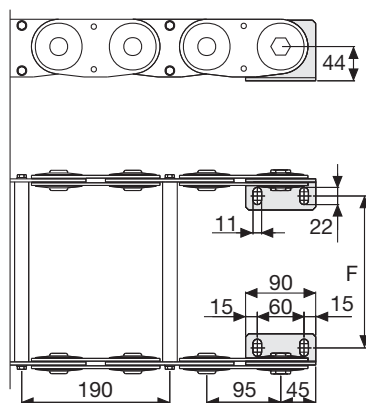


Fig. A
The chain can be fixed frontally, inner or outer radius. (Fig A)



Chain Type	F mm
30NT106	88
30NT156	138
30NT206	188
30NT256	238
30NT306	288
Special widths F=W-56	

Bright Zinc Plated Steel Type Part Numbers

Complete Set Assembled	
Chain Type	End Brackets Set
30...	A3000NKM

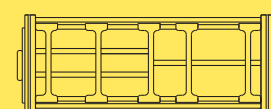
Complete Set Unassembled	
Chain Type	End Brackets Set
30...	A3000NK

Serie Steel

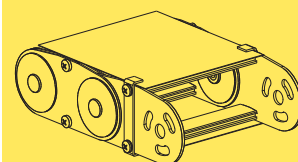
30NT Cable Chain in Bright Zinc Plated Steel



Suitable to long travel distance.
See page 214



Supplementary movable separators.



Steel laminar cover.

For further information please consult Brevetti Stendalto's Technical Office

30LT

Bright Zinc Plated Steel Cable Chains

Inner height (D) 52 mm

Zinc coated ultra-high-strength steel cable chain.

Available with aluminium frames (LT) or with aluminium holed cross-pieces (LA) mounted each second link.

Full-links frames assembling available on demand.

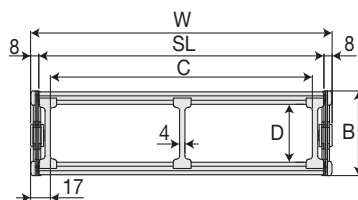
Inner width C can be required at the needed size.

Stainless steel 316L available on demand.

Technical characteristics

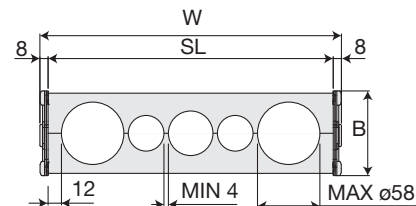
Speed	0,5 m/s
Acceleration	2 m/s ²

For higher requirements please consult our technical dept.



Separator

- Unassembled Part.no. S308CO
- Assembled Part.no. S308COMC



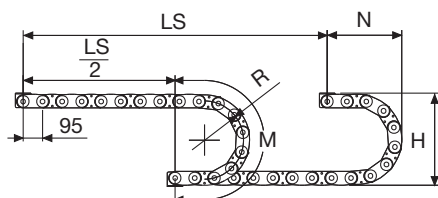
Aluminium frames with nylon separators

W mm	B mm	C mm	D mm	R mm	Weight/m kg	Chain Part Number
140	74	106	52	150-220-250-305-400-535	6,20	30LT106□□□*
190	74	156	52	150-220-250-305-400-535	6,44	30LT156□□□*
240	74	206	52	150-220-250-305-400-535	6,68	30LT206□□□*
290	74	256	52	150-220-250-305-400-535	6,92	30LT256□□□*
340	74	306	52	150-220-250-305-400-535	7,16	30LT306□□□*
390	74	356	52	150-220-250-305-400-535	7,40	30LT356□□□*
440	74	406	52	150-220-250-305-400-535	7,65	30LT406□□□*
490	74	456	52	150-220-250-305-400-535	7,89	30LT456□□□*
540	74	506	52	150-220-250-305-400-535	8,13	30LT506□□□*
C+34	74	....	52	150-220-250-305-400-535		30LT□□□□□**

*Complete the code by inserting the value of the radius (R): Ex. 30LT156□□□□

**Complete the code by inserting the value of the quote C and the radius (R): Ex. 30LT□□□□□□□□

Chain equipped with aluminium draw plates every pitch: complete the code by inserting the letter D. Ex. 30LT156250□□



Length of chain (L)

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

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

Aluminium holed cross-pieces

W mm	B mm	R mm	Chain Part Number
SL+16	74	150-220-250-305-400-535	30LA□□□□□□***

***Complete the code by inserting the value SL and the radius (R): Ex. 30LA□□□□□□□□

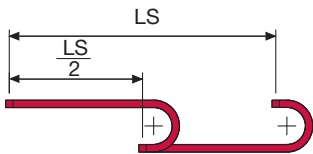
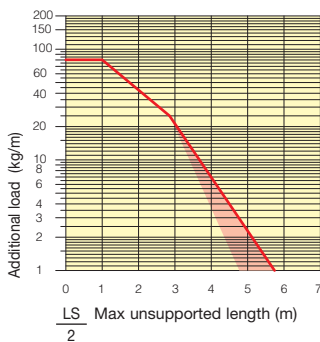
R mm	H* mm	N mm	M mm
150	388	290	670
220	528	360	890
250	588	385	980
305	698	440	1150
400	888	540	1450
535	1158	675	1880

* The height H should be increased by 10 mm/m approx. because of preload. In case of limitation to the available space, refer to the Technical Dptm.



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 assembled with 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).

Bright Zinc Plated Steel End Brackets

The end brackets set, containing four steel plates screwed to the links allows the two ends of the chain to be attached to the equipment.

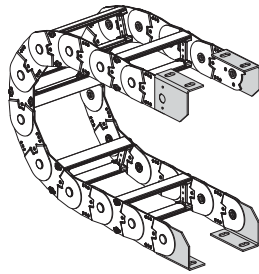
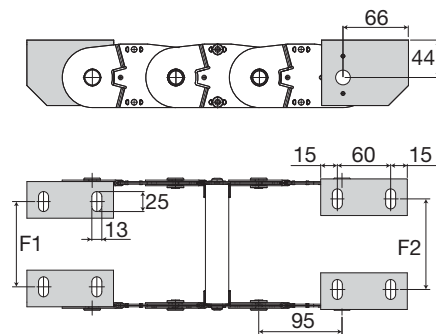


Fig. A
Chain fixed outer radius. (Fig A)



Chain Type	F1 mm	F2 mm
30LT106	77	83
30LT156	127	133
30LT206	177	183
30LT256	227	233
30LT306	277	283
30LT356	327	333
30LT406	377	383
30LT456	427	433
30LT506	477	483

Special widths

F1=W-63 F2=W-57

Bright Zinc Plated Steel Type Part Numbers

Complete Set Assembled	
Chain	End Brackets
Type	Set
30LT...	A30LKM□**

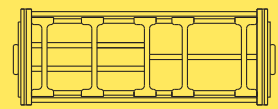
Complete Set Unassembled	
Chain	End Brackets
Type	Set
30LT...	A30LK□**

** 1=Pos.1; 2=Pos.2; 3=Pos.3

Serie Steel

30LT

Bright Zinc Plated Steel Cable Chains



Supplementary movable separators.

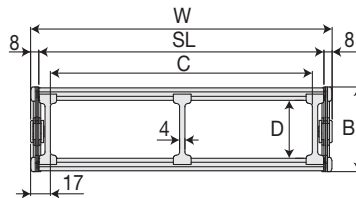
Serie Steel

30LC

Bright Zinc Plated Steel Cable Chains

Inner height (D) 52 mm

Zinc coated ultra-high-strength steel cable chain with aluminium covers. The strong covers enable an effective cables and hoses protection against foreign bodies. Both inner and outer covers can be unscrewed to make cables inspection and replacement easier. Vertical and horizontal separator systems are available.



Separator

- Unassembled Part.no. S308CO
- Assembled Part.no. S308COMC

Technical characteristics

Speed	0,5 m/s
Acceleration	2 m/s ²

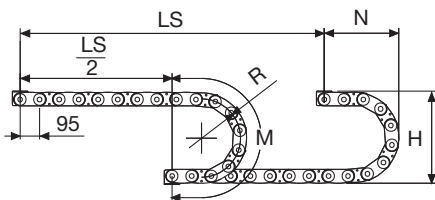
For higher requirements please consult our technical dept.

Aluminium frames with nylon separators

W	B	C	D	R	Weight/m	Chain
mm	mm	mm	mm	mm	kg	Part Number
140	74	106	52	150-220-250-305-400-535	7,96	30LC106□□□*
190	74	156	52	150-220-250-305-400-535	8,87	30LC156□□□*
240	74	206	52	150-220-250-305-400-535	9,79	30LC206□□□*
290	74	256	52	150-220-250-305-400-535	10,70	30LC256□□□*
340	74	306	52	150-220-250-305-400-535	11,61	30LC306□□□*
390	74	356	52	150-220-250-305-400-535	12,53	30LC356□□□*
440	74	406	52	150-220-250-305-400-535	13,44	30LC406□□□*
490	74	456	52	150-220-250-305-400-535	14,36	30LC456□□□*
540	74	506	52	150-220-250-305-400-535	15,27	30LC506□□□*
C+34	74	....	52	150-220-250-305-400-535		30LC□□□□□**

*Complete the code by inserting the value of the radius (R): Ex. 30LC156□□□

**Complete the code by inserting the value of the quote C and the radius (R): Ex. 30LC□□□□□



Length of chain (L)

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

plus length of curve (M)

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

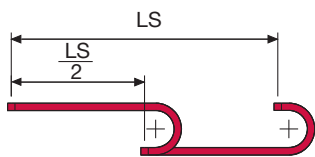
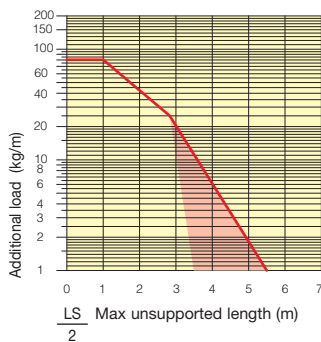
R	H*	N	M
mm	mm	mm	mm
150	388	290	670
220	528	360	890
250	588	385	980
305	698	440	1150
400	888	540	1450
535	1158	675	1880

* The height H should be increased by 10 mm/m approx. because of preload. In case of limitation to the available space, refer to the Technical Dptm.



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).

Bright Zinc Plated Steel End Brackets

The end brackets set, containing four steel plates screwed to the links allows the two ends of the chain to be attached to the equipment.

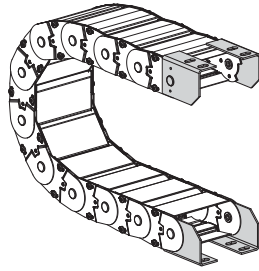
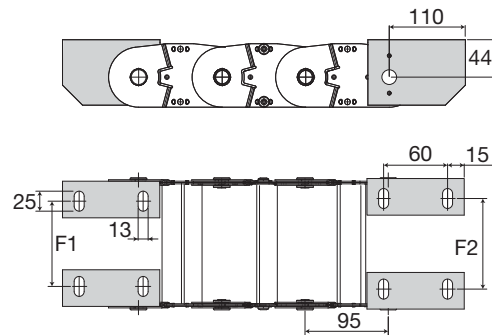


Fig. A
Chain fixed outer radius. (Fig A)



Chain Type	F1 mm	F2 mm
30LC106	77	83
30LC156	127	133
30LC206	177	183
30LC256	227	233
30LC306	277	283
30LC356	327	333
30LC406	377	383
30LC456	427	433
30LC506	477	483
Special widths		
F1=W-63	F2=W-57	

Bright Zinc Plated Steel Type Part Numbers

Complete Set Assembled	End Brackets
Chain Type	Set
30LC...	A30LCKM□**

Complete Set Unassembled	End Brackets
Chain Type	Set
30LC...	A30LCK□**

** 1=Pos.1; 2=Pos.2; 3=Pos.3

Serie Steel

30LC

Bright Zinc Plated Steel Cable Chains

Serie Steel

35NT

Cable Chains in Bright Zinc Plated Steel

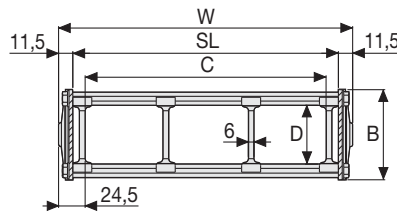
Inner height (D) 65 mm

Double share link construction.
Single-rivet fixing and standard large washer and nylon anti-friction disk to assure durable smooth movement.
Alu-draw frames (T) or Alu-drilled plates (TL) are un-screwable from both sides.
As standard the frames every second link, on request every link.
Vertical and horizontal separator systems are available.
Also available in Stainless Steel.

Technical characteristics when self-supported

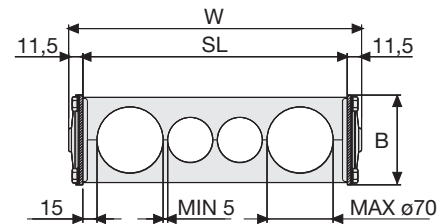
Speed	0,5 m/s
Acceleration	2 m/s ²

For higher requirements please consult our technical dept.



Separator

- Unassembled	Part.no ST3500F
- Assembled	Part.no ST3500FMC



Aluminium Draw Plates with Separators in Nylon

W mm	B mm	C mm	D mm	R mm	Weight/m kg	Chain Part Number
153	95	104	65	200-250-300-350-400-450-500-600	13,04	35NT104□□□*
203	95	154	65	200-250-300-350-400-450-500-600	13,33	35NT154□□□*
253	95	204	65	200-250-300-350-400-450-500-600	13,63	35NT204□□□*
303	95	254	65	200-250-300-350-400-450-500-600	13,92	35NT254□□□*
353	95	304	65	200-250-300-350-400-450-500-600	14,22	35NT304□□□*
453	95	404	65	200-250-300-350-400-450-500-600	14,81	35NT404□□□*
C+49	95	....	65	200-250-300-350-400-450-500-600		35NT □□□□□**

*Complete the code by inserting the value of the radius (R): Ex. 35NT154 □□□□

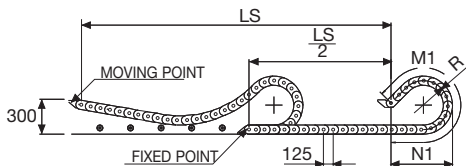
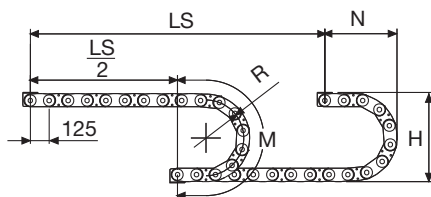
**Complete the code by inserting the value of the quote C and the radius (R): Ex. 35NT □□□□□□□□

Chain equipped with aluminium draw plates every pitch: complete the code by inserting the letter D. Ex. 35NT154250 □

Aluminium Split Cross Piece Created by Design

W mm	B mm	R mm	Chain Part Number
SL+23	95	200-250-300-350-400-450-500-600	35NTL □□□□□□ ***

***Complete the code by inserting the value SL and the radius (R): Ex. 35NTL □□□□□□□□



Length of chain (L)

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

plus length of curve (M)

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

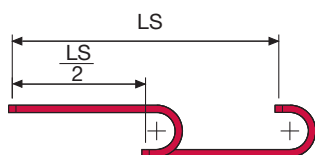
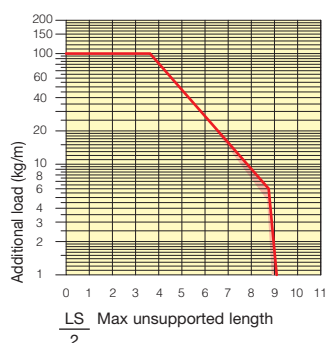
R mm	H* mm	N mm	M mm	N1 mm	M1 mm
200	512	375	880	1100	2360
250	612	425	1040	1310	2870
300	712	480	1200	1495	3335
350	812	525	1350	1670	3775
400	912	575	1510	1825	4190
450	1012	625	1670	1975	4595
500	1112	675	1825	2120	4985
600	1312	775	2140	2390	5750

* The height H should be increased by 10 mm/m approx. because of preload. In case of limitation to the available space, refer to the Technical Dptm.



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 aluminium draw plates 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).

Bright Zinc Plated Steel End Brackets

The end brackets set, containing four steel plates screwed to the links allows the two ends of the chain to be attached to the equipment.

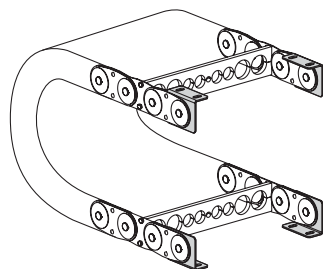
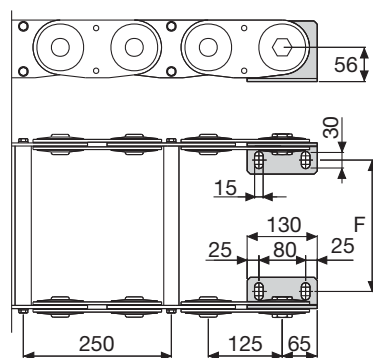


Fig. A
The chain can be fixed frontally, inner or outer radius. (Fig A)



Chain Type	F mm
35NT104	80
35NT154	130
35NT204	180
35NT254	230
35NT304	280
35NT404	380

Special widths F=W-76

Bright Zinc Plated Steel Type Part Numbers

Complete Set Assembled	
Chain Type	End Brackets Set
35...	A3500NKM

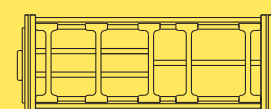
Complete Set Unassembled	
Chain Type	End Brackets Set
35...	A3500NK

Serie Steel

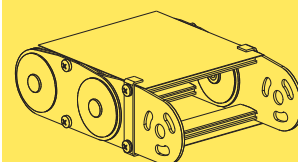
35NT Cable Chain in Bright Zinc Plated Steel



Suitable to long travel distance.
See page 215



Supplementary movable separators.



Steel laminar cover.

For further information please
consult Brevetti Stendalto's
Technical Office

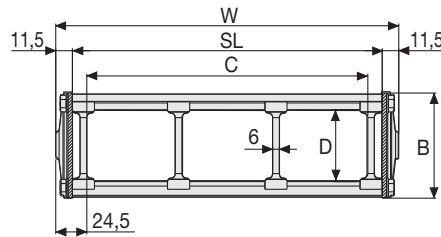
Serie Steel

35NC

Cable Chains in Bright Zinc Plated Steel

Inner height (D) 65 mm

Double share link construction.
Single-ribose fixing and standard large washer and nylon anti-friction disk to assure smooth and durable movement.
The strong Alu-covers are un-screwable from both sides.
Vertical and horizontal separator systems are available.



Separator

- Unassembled	Part.no ST3500F
- Assembled	Part.no ST3500FMC

Technical characteristics when self-supported

Speed	0,5 m/s
Acceleration	2 m/s ²

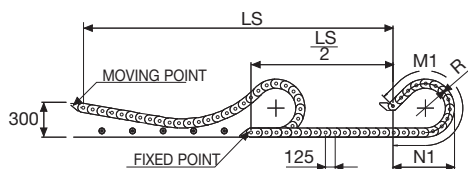
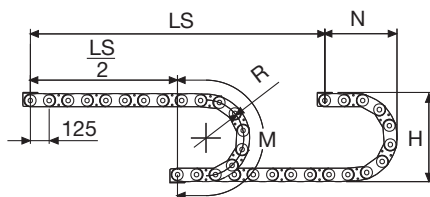
For higher requirements please consult our technical dept.

Aluminium Draw Plates with Separators in Nylon

W mm	B mm	C mm	D mm	R mm	Weight/m kg	Chain Part Number
153	95	104	65	200-250-300-350-400-450-500-600	15,19	35NC104□□□*
203	95	154	65	200-250-300-350-400-450-500-600	16,22	35NC154□□□*
253	95	204	65	200-250-300-350-400-450-500-600	17,25	35NC204□□□*
303	95	254	65	200-250-300-350-400-450-500-600	18,28	35NC254□□□*
353	95	304	65	200-250-300-350-400-450-500-600	19,31	35NC304□□□*
453	95	404	65	200-250-300-350-400-450-500-600	21,37	35NC404□□□*
C+49	95	....	65	200-250-300-350-400-450-500-600		35NC□□□□□**

*Complete the code by inserting the value of the radius (R): Ex. 35NC154 □ □ □ □

**Complete the code by inserting the value of the quote C and the radius (R): Ex. 35NC □ □ □ □ □ □ □ □



R mm	H* mm	N mm	M mm	N1 mm	M1 mm
200	512	375	880	1100	2360
250	612	425	1040	1310	2870
300	712	480	1200	1495	3335
350	812	525	1350	1670	3775
400	912	575	1510	1825	4190
450	1012	625	1670	1975	4595
500	1112	675	1825	2120	4985
600	1312	775	2140	2390	5750

* The height H should be increased by 10 mm/m approx. because of preload. In case of limitation to the available space, refer to the Technical Dptm.

Length of chain (L)

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

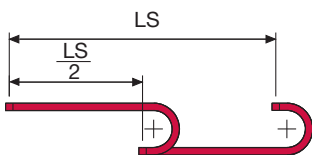
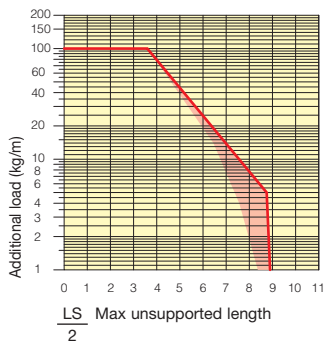
plus length of curve (M)

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



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).

Bright Zinc Plated Steel End Brackets

The end brackets set, containing four steel plates screwed to the links allows the two ends of the chain to be attached to the equipment.

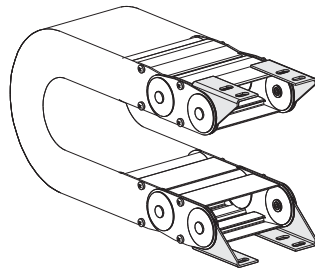
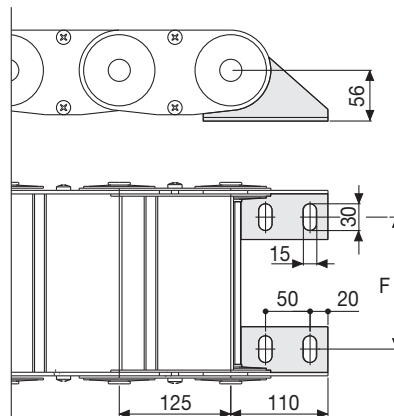


Fig. A
Chain fixed outside the radius. (Fig A)



Chain Type	F mm
35NC104	80
35NC154	130
35NC204	180
35NC254	230
35NC304	280
35NC404	380
Special widths F=W-76	

Bright Zinc Plated Steel Type Part Numbers

Complete Set Assembled	Chain	End Brackets
Type	Type	Set
35C...	A3500NCKM	**

Complete Set Unassembled	Chain	End Brackets
Type	Type	Set
35C...	A3500NCK	

** 1=Pos.1; 2=Pos.2; 3=Pos.3
See end brackets mounting variations page 31.

Serie Steel

35NC

Cable Chain
in Bright Zinc Plated Steel



Suitable to long travel distance.
See page 215

35LT

Bright Zinc Plated Steel Cable Chains

Inner height (D) 65 mm

Zinc coated ultra-high-strength steel cable chain.

Available with aluminium frames (LT) or with aluminium holed cross-pieces (LA) mounted each second link.

Full-links frames assembling available on demand.

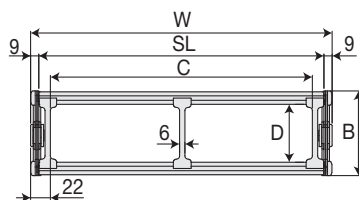
Inner width C can be required at the needed size.

Stainless steel 316L available on demand.

Technical characteristics

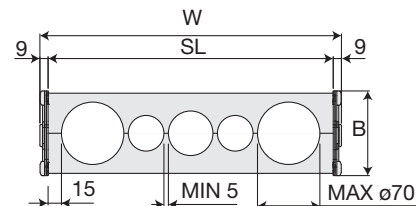
Speed	0,5 m/s
Acceleration	2 m/s ²

For higher requirements please consult our technical dept.



Separator

- Unassembled Part.no. ST3500F
- Assembled Part.no. ST3500FMC



Aluminium frames with nylon separators

W mm	B mm	C mm	D mm	R mm	Weight/m kg	Chain Part Number
148	95	104	65	200-250-300-350-400-450-500-600	10,30	35LT104□□□*
198	95	154	65	200-250-300-350-400-450-500-600	10,67	35LT154□□□*
248	95	204	65	200-250-300-350-400-450-500-600	11,04	35LT204□□□*
298	95	254	65	200-250-300-350-400-450-500-600	11,41	35LT254□□□*
348	95	304	65	200-250-300-350-400-450-500-600	11,78	35LT304□□□*
398	95	354	65	200-250-300-350-400-450-500-600	12,15	35LT354□□□*
448	95	404	65	200-250-300-350-400-450-500-600	12,52	35LT404□□□*
498	95	454	65	200-250-300-350-400-450-500-600	12,89	35LT454□□□*
548	95	504	65	200-250-300-350-400-450-500-600	13,26	35LT504□□□*
C+44	95	....	65	200-250-300-350-400-450-500-600		35LT□□□□□**

*Complete the code by inserting the value of the radius (R): Ex. 35LT154□□□□

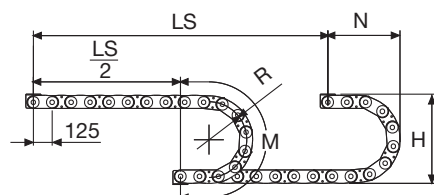
**Complete the code by inserting the value of the quote C and the radius (R): Ex. 35LT□□□□□□□□

Chain equipped with aluminium draw plates every pitch: complete the code by inserting the letter D.
Ex. 35LT154250□□

Aluminium holed cross-pieces

W mm	B mm	R mm	Chain Part Number
SL+18	95	200-250-300-350-400-450-500-600	35LA□□□□□□***

***Complete the code by inserting the value SL and the radius (R): Ex. 35LA□□□□□□□□



Length of chain (L)

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

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

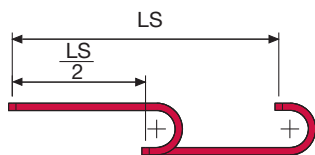
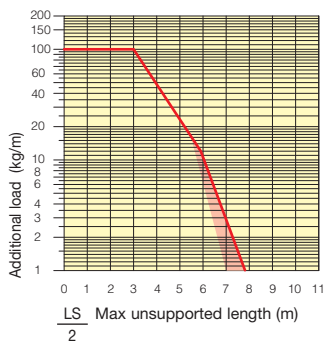
R mm	H* mm	N mm	M mm
200	512	375	880
250	612	425	1040
300	712	480	1200
350	812	525	1350
400	912	575	1510
450	1012	625	1670
500	1112	675	1825
600	1312	775	2140

* The height H should be increased by 10 mm/m approx. because of preload. In case of limitation to the available space, refer to the Technical Dept.



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 assembled with 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).

Bright Zinc Plated Steel End Brackets

The end brackets set, containing four steel plates screwed to the links allows the two ends of the chain to be attached to the equipment.

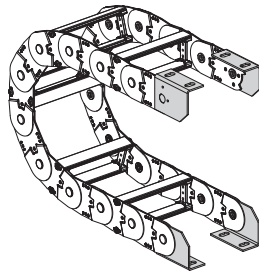
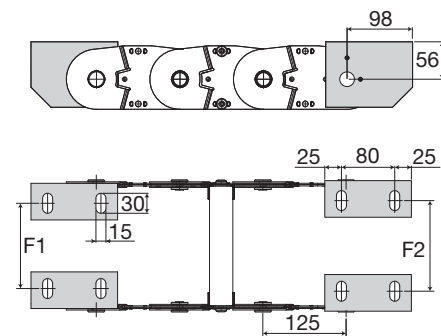


Fig. A
Chain fixed outer radius. (Fig A)



Chain Type	F1 mm	F2 mm
35LT104	77,5	85,5
35LT154	127,5	135,5
35LT204	177,5	185,5
35LT254	227,5	235,5
35LT304	277,5	285,5
35LT354	327,5	335,5
35LT404	377,5	385,5
35LT454	427,5	435,5
35LT504	477,5	485,5
Special widths		
F1=W-70,5 F2=W-62,5		

Bright Zinc Plated Steel Type Part Numbers

Complete Set Assembled	End Brackets
Chain Type	Set
35LT...	A35LKM□**

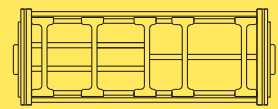
Complete Set Unassembled	End Brackets
Chain Type	Set
35LT...	A35LK□**

** 1=Pos.1; 2=Pos.2; 3=Pos.3

Serie Steel

35LT

Bright Zinc Plated Steel Cable Chains



Supplementary movable separators.

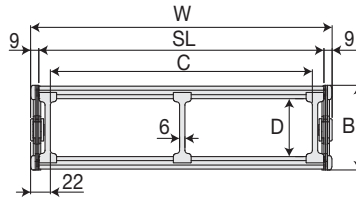
Serie Steel

35LC

Bright Zinc Plated Steel Cable Chains

Inner height (D) 65 mm

Zinc coated ultra-high-strength steel cable chain with aluminium covers. The strong covers enable an effective cables and hoses protection against foreign bodies. Both inner and outer covers can be unscrewed to make cables inspection and replacement easier. Vertical and horizontal separator systems are available.



Separator

- Unassembled Part.no. ST3500F
- Assembled Part.no. ST3500FMC

Technical characteristics

Speed	0,5 m/s
Acceleration	2 m/s ²

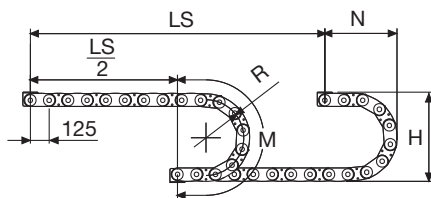
For higher requirements please consult our technical dept.

Aluminium frames with nylon separators

W	B	C	D	R	Weight/m	Chain
mm	mm	mm	mm	mm	kg	Part Number
148	95	104	65	200-250-300-350-400-450-500-600	12,20	35LC104□□□*
198	95	154	65	200-250-300-350-400-450-500-600	13,23	35LC154□□□*
248	95	204	65	200-250-300-350-400-450-500-600	14,26	35LC204□□□*
298	95	254	65	200-250-300-350-400-450-500-600	15,29	35LC254□□□*
348	95	304	65	200-250-300-350-400-450-500-600	16,32	35LC304□□□*
398	95	354	65	200-250-300-350-400-450-500-600	17,35	35LC354□□□*
448	95	404	65	200-250-300-350-400-450-500-600	18,37	35LC404□□□*
498	95	454	65	200-250-300-350-400-450-500-600	19,40	35LC454□□□*
548	95	504	65	200-250-300-350-400-450-500-600	20,43	35LC504□□□*
C+44	95	....	65	200-250-300-350-400-450-500-600		35LC□□□□□**

*Complete the code by inserting the value of the radius (R): Ex. 35LC154[2][5][0]

**Complete the code by inserting the value of the quote C and the radius (R): Ex. 35LC[7][2][3][2][5][0]



Length of chain (L)

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

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

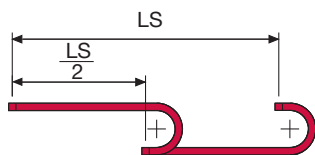
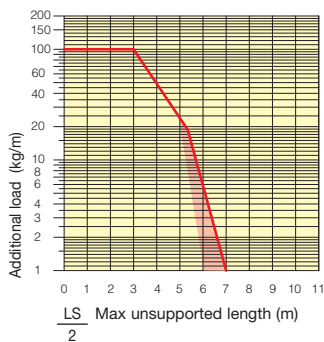
R	H*	N	M
mm	mm	mm	mm
200	512	375	880
250	612	425	1040
300	712	480	1200
350	812	525	1350
400	912	575	1510
450	1012	625	1670
500	1112	675	1825
600	1312	775	2140

* The height H should be increased by 10 mm/m approx. because of preload. In case of limitation to the available space, refer to the Technical Deptm.



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).

Bright Zinc Plated Steel End Brackets

The end brackets set, containing four steel plates screwed to the links allows the two ends of the chain to be attached to the equipment.

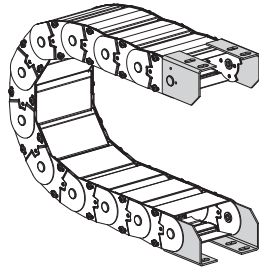
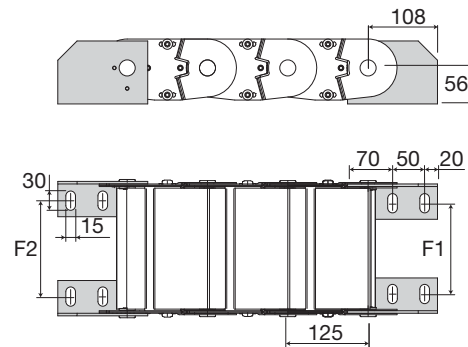


Fig. A
Chain fixed outer radius. (Fig A)



Chain Type	F1 mm	F2 mm
35LC104	77,5	85,5
35LC154	127,5	135,5
35LC204	177,5	185,5
35LC254	227,5	235,5
35LC304	277,5	285,5
35LC354	327,5	335,5
35LC404	377,5	385,5
35LC454	427,5	435,5
35LC504	477,5	485,5
Special widths		
F1=W-70,5 F2=W-62,5		

Bright Zinc Plated Steel Type Part Numbers

Complete Set Assembled	
Chain	End Brackets
Type	Set
35LC...	A35LCKM□**

Complete Set Unassembled	
Chain	End Brackets
Type	Set
35LC...	A35LCK□**

** 1=Pos.1; 2=Pos.2; 3=Pos.3

Serie Steel

35LC

Bright Zinc Plated Steel Cable Chains

40T

Cable Chains in Bright Zinc Plated Steel

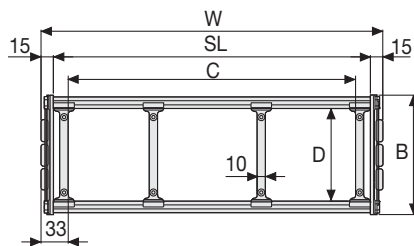
Inner height (D) 112,5 mm

Double share link construction.
Triple-rivet fixing and standard large washer and nylon anti-friction disk to assure smooth and durable movement.
Un-screwable Alu-draw frames (T) are standard mounted and every link.
Alu-drilled plates (TL) are mounted every second link with an Alu-draw frames every other link.
Separator systems available.
Also available in Stainless Steel.

Technical characteristics when self-supported

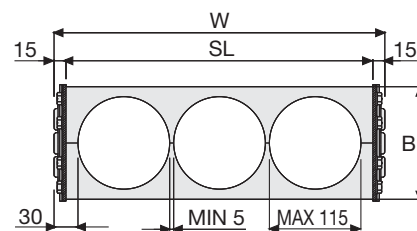
Speed	0,5 m/s
Acceleration	2 m/s ²

For higher requirements please consult our technical dept.



Separator

- Unassembled	Part.no S310TCF9
- Assembled	Part.no S310TCF9MC



Aluminium Draw Plates with Separators in Nylon

W	B	C	D	R	Weight/m	Chain
mm	mm	mm	mm	mm	kg	Part Number
216	145	150	112,5	250-300-350-400-450-500-550-600-700-750-850-1000	20,72	40T150□□□*
266	145	200	112,5	250-300-350-400-450-500-550-600-700-750-850-1000	21,18	40T200□□□*
316	145	250	112,5	250-300-350-400-450-500-550-600-700-750-850-1000	21,64	40T250□□□*
366	145	300	112,5	250-300-350-400-450-500-550-600-700-750-850-1000	22,10	40T300□□□*
466	145	400	112,5	250-300-350-400-450-500-550-600-700-750-850-1000	23,02	40T400□□□*
566	145	500	112,5	250-300-350-400-450-500-550-600-700-750-850-1000	23,95	40T500□□□*
C+66	145	....	112,5	250-300-350-400-450-500-550-600-700-750-850-1000		40T□□□□□**

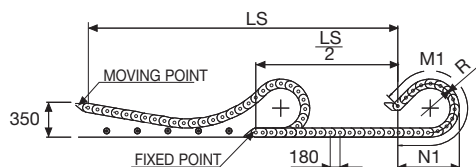
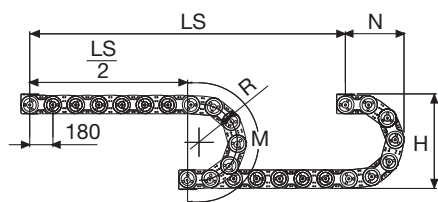
*Complete the code by inserting the value of the radius (R): Ex. 40T150 [2] [5] [0]

**Complete the code by inserting the value of the quote C and the radius (R): Ex. 40T [1] [2] [3] [2] [5] [0]

Aluminium Split Cross Piece Created by Design

W	B	R	Chain
mm	mm	mm	Part Number
SL+30	145	250-300-350-400-450-500-550-600-700-750-850-1000	40TL □□□□□ ***

***Complete the code by inserting the value SL and the radius (R): Ex. 40TL [1] [5] [0] [2] [5] [0]



Length of chain (L)

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

plus length of curve (M)

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

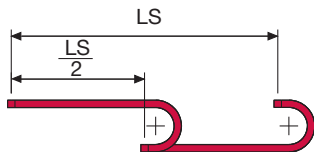
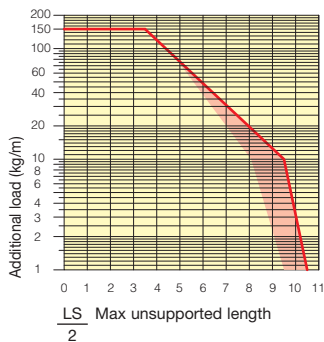
R	H*	N	M	N1	M1
mm	mm	mm	mm	mm	mm
250	670	510	1150	1545	3285
300	770	555	1305	1755	3790
350	870	605	1460	1950	4265
400	970	655	1620	2125	4715
450	1070	710	1780	2295	5150
500	1170	755	1930	2455	5570
550	1270	805	2090	2605	5975
600	1370	855	2245	2755	6375
700	1570	955	2560	3035	7155
750	1670	1010	2720	3170	7535
850	1870	1105	3030	3430	8280
1000	2170	1255	3500	-	-

* The height H should be increased by 10 mm/m approx. because of preload. In case of limitation to the available space, refer to the Technical Deptm.



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 aluminium draw plates 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).

Bright Zinc Plated Steel End Brackets

The end brackets set, containing four steel plates screwed to the links allows the two ends of the chain to be attached to the equipment.

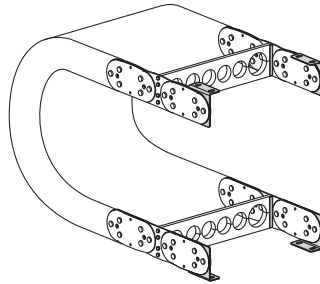
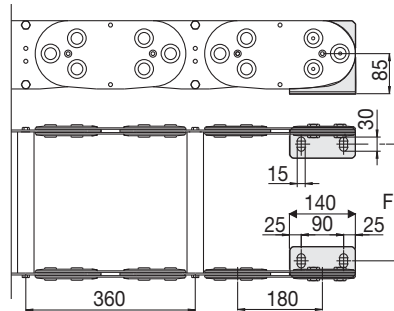


Fig. A
Chain fixed outside the radius. (Fig A)
See end brackets mounting variations page 31.



Chain Type	F mm
40T150	136
40T200	186
40T250	236
40T300	286
40T400	386
40T500	486
Special widths F=W-80	

Bright Zinc Plated Steel Type Part Numbers

Complete Set Assembled	End Brackets
Chain Type	Set
40...	A4000KM □ **

Complete Set Unassembled	End Brackets
Chain Type	Set
40...	A4000K

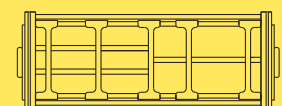
** 1=Pos.1; 2=Pos.2; 3=Pos.3
See end brackets mounting variations page 31.

Serie Steel

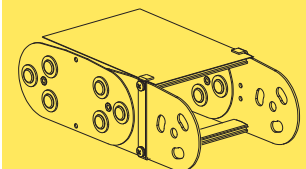
40T Cable Chain in Bright Zinc Plated Steel



Suitable to long travel distance.
See page 215



Supplementary movable separators.



Steel laminar cover.

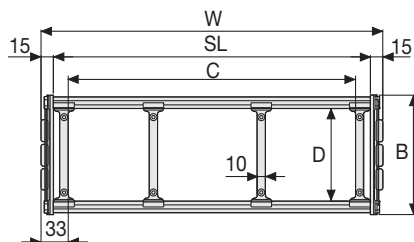
For further information please consult Brevetti Stendalto's Technical Office

40C

Cable Chains in Bright Zinc Plated Steel

Inner height (D) 104 mm

Double share link construction.
Triple-rivet fixing and standard large washer and nylon anti-friction disk to assure smooth and durable movement.
The strong Alu-covers are un-screwable from both sides.
Separator systems available.
Also available in Stainless Steel.



Separator

- Unassembled Part.no S310TCF9
- Assembled Part.no S310TCF9MC

Technical characteristics when self-supported

Speed	0,5 m/s
Acceleration	2 m/s ²

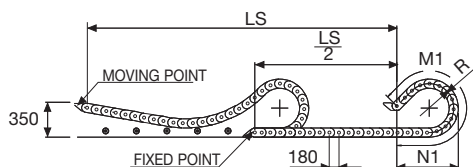
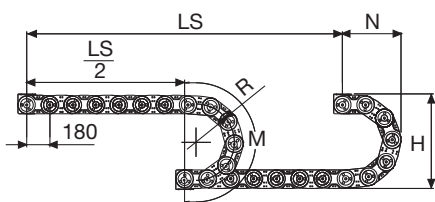
For higher requirements please consult our technical dept.

Aluminium Draw Plates with Separators in Nylon

W	B	C	D	R	Weight/m	Chain
mm	mm	mm	mm	mm	kg	Part Number
216	145	150	104	250-300-350-400-450-500-550-600-700-750-850-1000	23,86	40C150□□□*
266	145	200	104	250-300-350-400-450-500-550-600-700-750-850-1000	25,22	40C200□□□*
316	145	250	104	250-300-350-400-450-500-550-600-700-750-850-1000	26,59	40C250□□□*
366	145	300	104	250-300-350-400-450-500-550-600-700-750-850-1000	27,95	40C300□□□*
466	145	400	104	250-300-350-400-450-500-550-600-700-750-850-1000	30,67	40C400□□□*
566	145	500	104	250-300-350-400-450-500-550-600-700-750-850-1000	33,39	40C500□□□*
C+66	145	....	104	250-300-350-400-450-500-550-600-700-750-850-1000		40C□□□□□**

*Complete the code by inserting the value of the radius (R): Ex. 40C150 [2] [5] [0]

**Complete the code by inserting the value of the quote C and the radius (R): Ex. 40C [7] [2] [3] [2] [5] [0]



Length of chain (L)

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

plus length of curve (M)

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

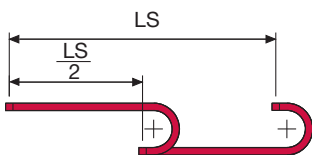
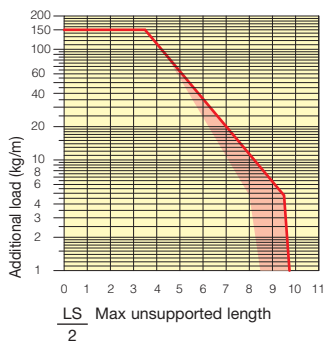
R	H*	N	M	N1	M1
mm	mm	mm	mm	mm	mm
250	670	510	1150	1545	3285
300	770	555	1305	1755	3790
350	870	605	1460	1950	4265
400	970	655	1620	2125	4715
450	1070	710	1780	2295	5150
500	1170	755	1930	2455	5570
550	1270	805	2090	2605	5975
600	1370	855	2245	2755	6375
700	1570	955	2560	3035	7155
750	1670	1010	2720	3170	7535
850	1870	1105	3030	3430	8280
1000	2170	1255	3500	-	-

* The height H should be increased by 10 mm/m approx. because of preload. In case of limitation to the available space, refer to the Technical Deptm.



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 aluminium draw plates 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).

Bright Zinc Plated Steel End Brackets

The end brackets set, containing four steel plates screwed to the links allows the two ends of the chain to be attached to the equipment.

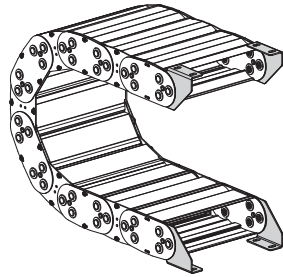
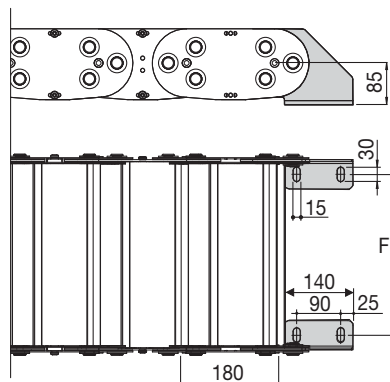


Fig. A
Chain fixed outside the radius. (Fig A)
See end brackets mounting variations page 31.



Chain Type	F mm
40C150	136
40C200	186
40C250	236
40C300	286
40C400	386
40C500	486

Special widths F=W-80

Bright Zinc Plated Steel Type Part Numbers

Complete Set Assembled	End Brackets
Chain Type	Set
40...	A4000CKM □ **

Complete Set Unassembled	End Brackets
Chain Type	Set
40...	A4000CK

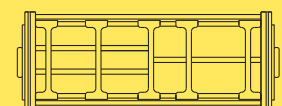
** 1=Pos.1; 2=Pos.2; 3=Pos.3
See end brackets mounting variations page 31.

Serie Steel

40C Cable Chain in Bright Zinc Plated Steel



Suitable to long travel distance.
See page 215



Supplementary movable separators.

For further information please consult Brevetti Stendalto's Technical Office

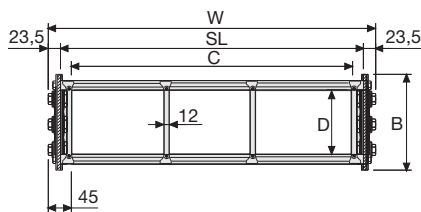
Inner height (D) 182 mm

Double share link construction.
Triple-rivet fixing and standard large washer and nylon anti-friction disk to assure smooth and durable movement.
Un-screwable Alu-draw frames (T) are standard mounted and every link.
Alu-drilled plates (TL) are mounted every second link with an Alu-draw frames every other link.
Separator systems available.
Also available in Stainless Steel.

Technical characteristics when self-supported

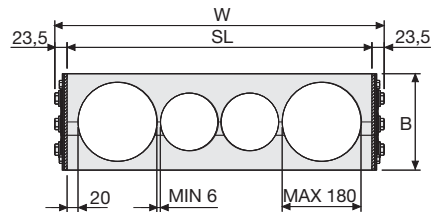
Speed	0,5 m/s
Acceleration	2 m/s ²

For higher requirements please consult our technical dept.



Separator

- Unassembled	Part.no ST4500C
- Assembled	Part.no ST4500CMC



Aluminium Draw Plates with Separators in Nylon

W	B	C	D	R	Weight/m	Chain
mm	mm	mm	mm	mm	kg	Part Number
390	220	300	182	400-600-800-1000-1250-1500	40,97	45T300□□□*
440	220	350	182	400-600-800-1000-1250-1500	41,31	45T350□□□*
490	220	400	182	400-600-800-1000-1250-1500	41,64	45T400□□□*
540	220	450	182	400-600-800-1000-1250-1500	41,97	45T450□□□*
590	220	500	182	400-600-800-1000-1250-1500	42,30	45T500□□□*
690	220	600	182	400-600-800-1000-1250-1500	42,97	45T600□□□*
C+90	220	....	182	400-600-800-1000-1250-1500		45T□□□□□**

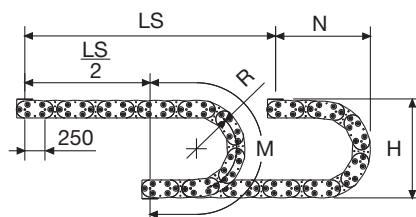
*Complete the code by inserting the value of the radius (R): Ex. 45T300 □ □ □ □

**Complete the code by inserting the value of the quote C and the radius (R): Ex. 45T □ □ □ □ □ □ □ □

Aluminium Split Cross Piece Created by Design

W	B	R	Chain
mm	mm	mm	Part Number
SL+47	220	400-600-800-1000-1250-1500	45TL □ □ □ □ □ □ □ □ ***

***Complete the code by inserting the value SL and the radius (R): Ex. 45TL □ □ □ □ □ □ □ □ □ □

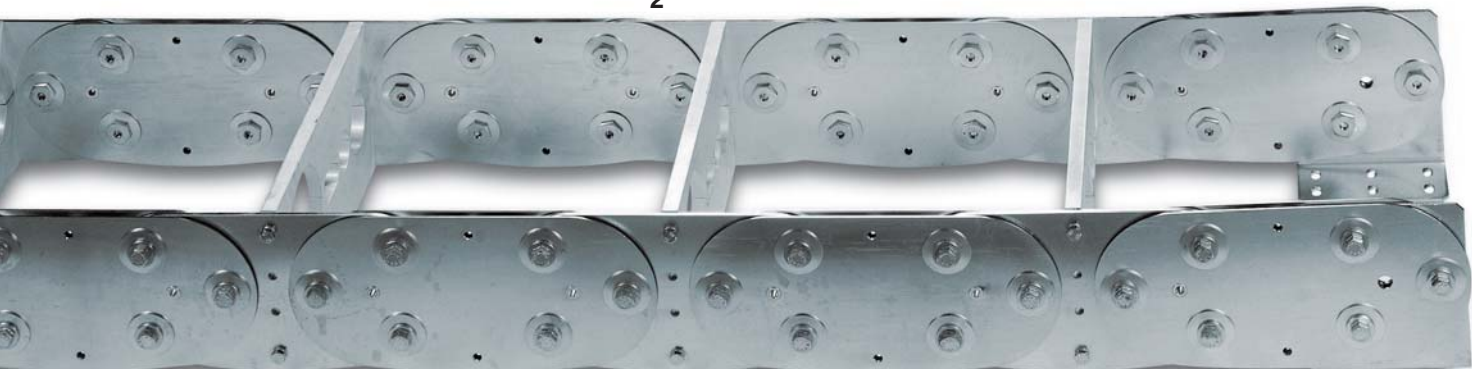


Length of chain (L)
Half travel distance ($\frac{LS}{2}$)
plus length of curve (M)

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

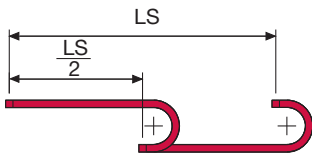
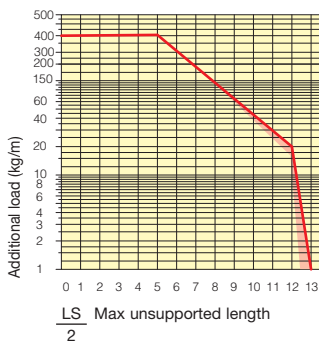
R	H*	N	M
mm	mm	mm	mm
400	1060	770	1760
600	1460	970	2390
800	1860	1170	3020
1000	2260	1370	3650
1250	2760	1620	4430
1500	3260	1870	5220

* The height H should be increased by 10 mm/m approx. because of preload. In case of limitation to the available space, refer to the Technical Dptm.



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 aluminium draw plates 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).

Bright Zinc Plated Steel End Brackets

The end brackets set, containing four steel plates screwed to the links allows the two ends of the chain to be attached to the equipment.

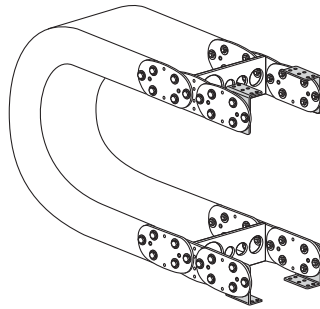
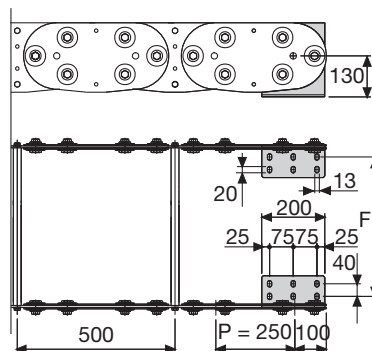


Fig. A
Chain fixed outside the radius. (Fig A)
See end brackets mounting variations page 31.



Chain Type	F mm
45T300	285
45T350	335
45T400	385
45T450	435
45T500	485
45T600	585

Special widths F=W-105

Bright Zinc Plated Steel Type Part Numbers

Complete Set Assembled	
Chain	End Brackets
Type	Set
45...	A4500KM □ **

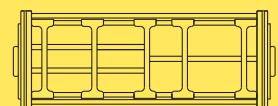
Complete Set Unassembled	
Chain	End Brackets
Type	Set
45...	A4500K

** 1=Pos.1; 2=Pos.2; 3=Pos.3

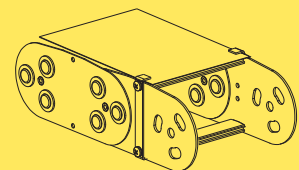
See end brackets mounting variations page 31.

Serie Steel

45T Cable Chain in Bright Zinc Plated Steel



Supplementary movable separators.



Steel laminar cover.

For further information please consult Brevetti Stendalto's Technical Office

Serie Steel

Sliding Cable Chains in Bright Zinc Plated Steel

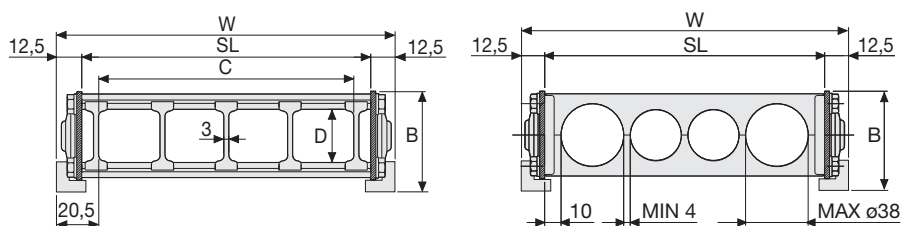
Sliding low-friction skids fastened to the links allow chains running on themselves, all the while granting them to get more longer strokes. Aluminium Draw Plates with Separators in Nylon or Aluminium Split Cross Piece Created by Design. Separator systems available. Also available in Stainless Steel.



Technical characteristics

Speed	2 m/s
Acceleration	2 m/s ²

For higher requirements please consult our technical dept.



20PT

Aluminium Draw Plates with Separators in Nylon

W	B	C	D	R	Weight/m	Chain
mm	mm	mm	mm	mm	kg	Part Number
120	58,5	079	32	115-150-205-250-305	5,55	20PT079□□□*
145	58,5	104	32	115-150-205-250-305	5,65	20PT104□□□*
195	58,5	154	32	115-150-205-250-305	5,95	20PT154□□□*
245	58,5	204	32	115-150-205-250-305	6,25	20PT204□□□*
295	58,5	254	32	115-150-205-250-305	6,45	20PT254□□□*
345	58,5	304	32	115-150-205-250-305	6,75	20PT304□□□*
C+41	58,5	....	32	115-150-205-250-305		20PT □□□□□**

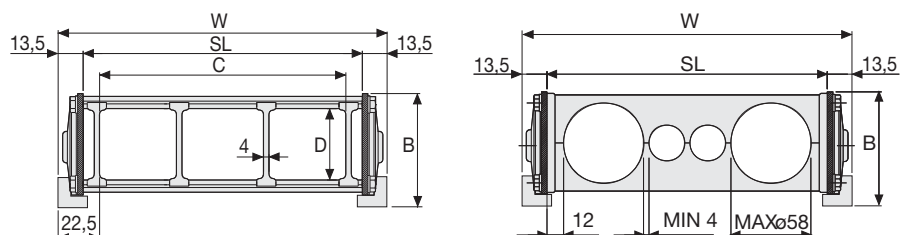
Aluminium Split Cross Piece Created by Design

W	B	R	Chain
mm	mm	mm	Part Number
SL+25	58,5	115-150-205-250-305	20PTL □□□□□***

*Complete the code by inserting the value of the radius (R): Ex. 20PT154 2 5 0

**Complete the code by inserting the value of the quote C and the radius (R): Ex. 20PT 1 2 3 2 5 0

***Complete the code by inserting the value of the quote SL and the radius (R): Ex. 20PTL 1 5 0 2 5 0



30PT

Aluminium Draw Plates with Separators in Nylon

W	B	C	D	R	Weight/m	Chain
mm	mm	mm	mm	mm	kg	Part Number
151	81,5	106	52	150-220-250-305-400-535	8,10	30PT106□□□*
201	81,5	156	52	150-220-250-305-400-535	8,30	30PT156□□□*
251	81,5	206	52	150-220-250-305-400-535	8,50	30PT206□□□*
301	81,5	256	52	150-220-250-305-400-535	8,70	30PT256□□□*
351	81,5	306	52	150-220-250-305-400-535	8,90	30PT306□□□*
C+45	81,5	....	52	150-220-250-305-400-535		30PT □□□□□**

Aluminium Split Cross Piece Created by Design

W	B	R	Chain
mm	mm	mm	Part Number
SL+27	81,5	150-220-250-305-400-535	30PTL □□□□□***

*Complete the code by inserting the value of the radius (R): Ex. 30PT156 2 5 0

**Complete the code by inserting the value of the quote C and the radius (R): Ex. 30PT 1 2 3 2 5 0

***Complete the code by inserting the value of the quote SL and the radius (R): Ex. 30PTL 1 5 0 2 5 0

35PT/PC

Aluminium Draw Plates with Separators in Nylon

W	B	C	D	R	Weight/m	Chain
mm	mm	mm	mm	mm	kg	Part Number
168	107	104	65	200-250-300-350-400-450-500-600	13,10	35PT104□□□*
218	107	154	65	200-250-300-350-400-450-500-600	13,40	35PT154□□□*
268	107	204	65	200-250-300-350-400-450-500-600	13,80	35PT204□□□*
318	107	254	65	200-250-300-350-400-450-500-600	14,10	35PT254□□□*
368	107	304	65	200-250-300-350-400-450-500-600	14,40	35PT304□□□*
468	107	404	65	200-250-300-350-400-450-500-600	15,10	35PT404□□□*
C+64	107	....	65	200-250-300-350-400-450-500-600		35PT□□□□□**

Aluminium Split Cross Piece Created by Design

W	B	R	Chain
mm	mm	mm	Part Number
SL+38	107	200-250-300-350-400-450-500-600	35PTL □□□□□***

*Complete the code by inserting the value of the radius (R): Ex. 35PT154 [3][5][0]

**Complete the code by inserting the value of the quote C and the radius (R): Ex. 35PT [1][2][3][3][5][0]

***Complete the code by inserting the value of the quote SL and the radius (R): Ex. 35PTL [1][5][0][2][5][0]

Aluminium Draw Plates with Separators in Nylon

W	B	C	D	R	Weight/m	Chain
mm	mm	mm	mm	mm	kg	Part Number
168	107	104	65	200-250-300-350-400-450-500-600	14,90	35PC104□□□*
218	107	154	65	200-250-300-350-400-450-500-600	15,90	35PC154□□□*
268	107	204	65	200-250-300-350-400-450-500-600	16,90	35PC204□□□*
318	107	254	65	200-250-300-350-400-450-500-600	17,90	35PC254□□□*
368	107	304	65	200-250-300-350-400-450-500-600	18,90	35PC304□□□*
468	107	404	65	200-250-300-350-400-450-500-600	20,90	35PC404□□□*
C+64	107	....	65	200-250-300-350-400-450-500-600		35PC□□□□□**

*Complete the code by inserting the value of the radius (R): Ex. 35PC154 [2][5][0]

**Complete the code by inserting the value of the quote C and the radius (R): Ex. 35PC [1][2][3][2][5][0]

40PT/PC

Aluminium Draw Plates with Separators in Nylon

W	B	C	D	R	Weight/m	Chain
mm	mm	mm	mm	mm	kg	Part Number
228	161,5	150	112,5	250-300-350-400-450-500-550-600-700-750-850	22,30	40PT150□□□*
278	161,5	200	112,5	250-300-350-400-450-500-550-600-700-750-850	23,40	40PT200□□□*
328	161,5	250	112,5	250-300-350-400-450-500-550-600-700-750-850	24,80	40PT250□□□*
378	161,5	300	112,5	250-300-350-400-450-500-550-600-700-750-850	26,10	40PT300□□□*
478	161,5	400	112,5	250-300-350-400-450-500-550-600-700-750-850	28,90	40PT400□□□*
578	161,5	500	112,5	250-300-350-400-450-500-550-600-700-750-850	31,60	40PT500□□□*
C+78	161,5	....	112,5	250-300-350-400-450-500-550-600-700-750-850		40PT□□□□□**

Aluminium Split Cross Piece Created by Design

W	B	R	Chain
mm	mm	mm	Part Number
SL+42	161,5	250-300-350-400-450-500-550-600-700-750-850	40PTL □□□□□***

*Complete the code by inserting the value of the radius (R): Ex. 40PT150 [3][5][0]

**Complete the code by inserting the value of the quote C and the radius (R): Ex. 40PT [1][2][3][3][5][0]

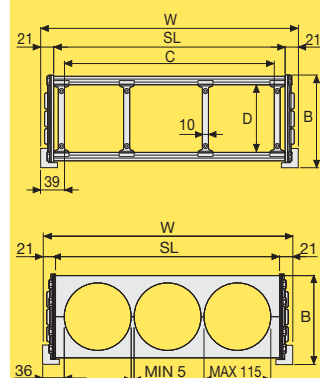
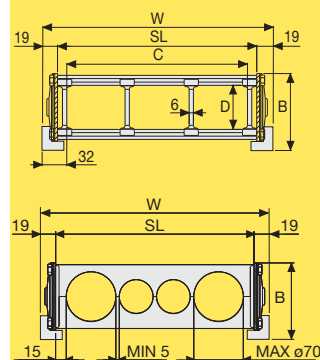
***Complete the code by inserting the value of the quote SL and the radius (R): Ex. 40PTL [1][5][0][2][5][0]

Aluminium Draw Plates with Separators in Nylon

W	B	C	D	R	Weight/m	Chain
mm	mm	mm	mm	mm	kg	Part Number
228	161,5	150	104	250-300-350-400-450-500-550-600-700-750-850	26,10	40PC150□□□*
278	161,5	200	104	250-300-350-400-450-500-550-600-700-750-850	27,50	40PC200□□□*
328	161,5	250	104	250-300-350-400-450-500-550-600-700-750-850	28,80	40PC250□□□*
378	161,5	300	104	250-300-350-400-450-500-550-600-700-750-850	30,20	40PC300□□□*
478	161,5	400	104	250-300-350-400-450-500-550-600-700-750-850	32,90	40PC400□□□*
578	161,5	500	104	250-300-350-400-450-500-550-600-700-750-850	35,60	40PC500□□□*
C+78	161,5	....	104	250-300-350-400-450-500-550-600-700-750-850		40PC□□□□□**

*Complete the code by inserting the value of the radius (R): Ex. 40PC150 [3][5][0]

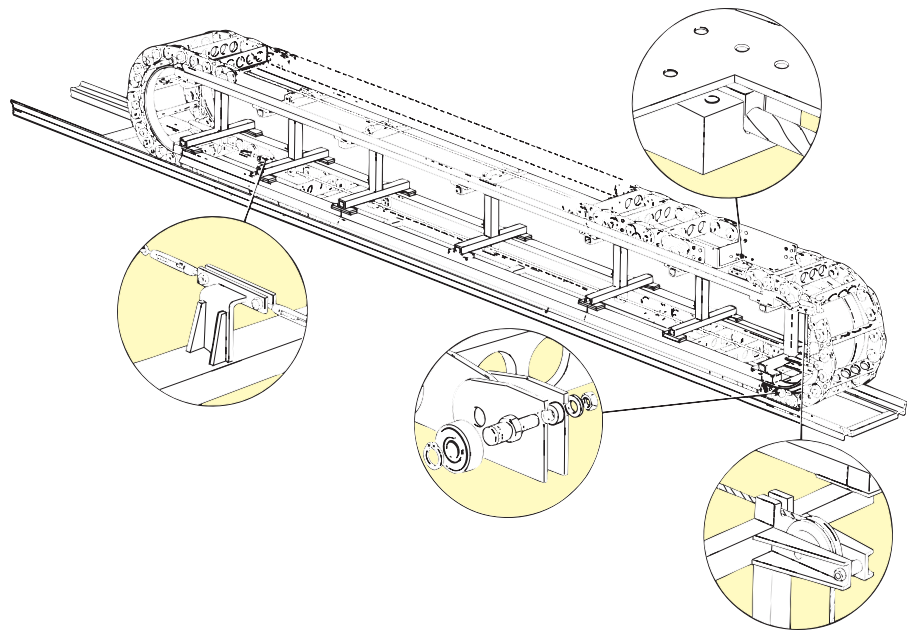
**Complete the code by inserting the value of the quote C and the radius (R): Ex. 40PC [1][2][3][3][5][0]



Cable Drag Chains in Steel for Long Travel Distance

The use of cable chains in applications with particularly long travel distances offers many benefits. The possibilities of the combined transportation of high power cables, signal cables and hydraulic hoses, together with ease of use and no need for maintenance, are the unquestionable advantages of the system. Specific applications, characterised by particularly aggressive conditions in the environment, require cable chains in steel. Brevetti Stendalto has offered for many years, with positive results their own system based on the use of two steel drag chains and a travelling internal supporting frame. The chains are arranged in a closed loop configuration, having

a fixed bracket and a movable towing bracket. A secondary similar closed loop, made of steel wire rope, drives the supporting frame along the entire travel at a suitable speed, thus ensuring a continuous support to relieve all stresses. In addition to this a trough is arranged to contain and guide the chain system along the total travel. The chains are fitted with wheels on ball bearings, to keep to a minimum the friction on the supporting frame. The supporting frame can be made both in galvanised steel, or if requested, in stainless steel.



35 chains with supporting frame applied to De Icing equipment at München airport (Germany). The length of the travel distance is 90 m and it's velocity is 90 m per minute.



Special off-shore Applications

The Brevetti Stendalto steel cable chains have been used in Off-shore applications for many years. The high standard of quality required and the special materials needed are characteristics in these kinds of applications.

On request cable chains of special dimensions which have been personalised according to the clients needs are being used.



Platform "Oseberg"

A: 45 chain in stainless steel 316L

B: 45 chain in stainless steel 316L for rotations of $\pm 180^\circ$

4



Platform "Tiffany"

*Specially designed chains in stainless steel 316L
Length of travel distance: 27 m
Total weight of the chains: 13 Ton.*





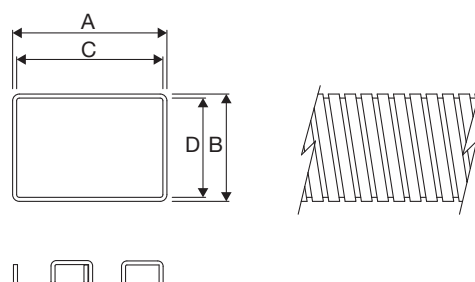
Steel Cable Conduit

Construction: steel helix-wire conduit with packingless link junction

Material: cold-milled non-alloy steel grade St 3 (1.0330), DIN 1624, bright zinc-plated

Quality: highly flexible, resistant against traction and compression

Use: protection of electric cables and flexible hoses



DIMENSIONS and CHARACTERISTICS								
Outer dimensions		Inner dimensions		Bend radius		Maximum unsupported length (m)	Weight $\pm 10\%$ (kg/m)	Part number
A x B	Tolerance	C x D	Tolerance	Radius	Tolerance			
50 x 30	+ 1	47,0 x 26,8	- 1	70	- 10	1,5 - 2,0	2,00	GPC1TP015□□□□*□**
50 x 50	+ 1	46,8 x 46,8	- 1	120	- 10	1,5 - 2,0	2,50	GPC1TP025□□□□*□**
85 x 45	+ 1	81,0 x 40,8	- 1	100	- 10	2	3,00	GPC1TP038□□□□*□**
65 x 65	+ 1	60,8 x 60,8	- 1	130	- 10	2	2,14	GPC1TP042□□□□*□**
85 x 60	+ 1	81,0 x 55,8	- 1	130	- 10	2	3,50	GPC1TP051□□□□*□**
115 x 60	+ 1	110,2 x 54,8	- 1	130	- 20	2	4,80	GPC1TP069□□□□*□**
115 x 80	+ 1	110,0 x 74,6	- 1	170	- 20	2,0 - 2,5	5,30	GPC1TP092□□□□*□**
140 x 90	+ 1	135,0 x 84,6	- 1	180	- 20	2,0 - 2,5	6,60	GPC1TP126□□□□*□**
175 x 80	+ 1	169,8 x 74,4	- 1	170	- 20	2,0 - 2,5	7,20	GPC1TP140□□□□*□**
140 x 110	+ 1	134,4 x 104,0	- 1	250	- 20	2,0 - 2,5	6,12	GPC1TP154□□□□*□**
175 x 110	+ 1	169,6 x 104,2	- 1	250	- 20	3	8,20	GPC1TP193□□□□*□**
220 x 110	$\pm 1,5$	214,4 x 104,4	- 1	250	- 20	3	7,82	GPC1TP242□□□□*□**

Complete the code by inserting flange type: e.g. GPC1TP015□□□□□**

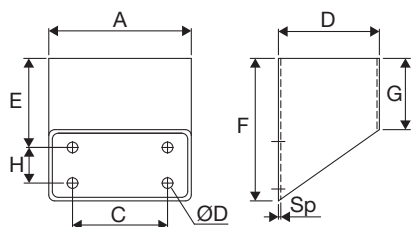
**Complete the code by inserting flange mounting version: e.g. GPC1TP015FSF1□



Steel Cable Conduit

Flanges

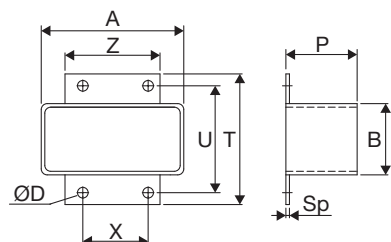
STANDARD FLANGES FS



DIMENSIONS and CHARACTERISTICS

Part number	Standard flanges								
	A	B	C	ØD	E	F	G	H	Thk.
GPC1TP015...	54	34	20	7	45,0	60	30	-	2,0
GPC1TP025...	54	54	20	7	45,0	60	30	-	2,0
GPC1TP038...	90	50	50	7	67,5	90	45	-	2,0
GPC1TP042...	70	70	50	7	67,5	90	45	-	2,0
GPC1TP051...	90	65	50	7	67,5	90	45	-	2,0
GPC1TP069...	120	65	80	9	70,0	120	60	40	2,0
GPC1TP092...	120	85	80	9	70,0	120	60	40	2,0
GPC1TP126...	145	95	105	9	70,0	120	60	40	2,0
GPC1TP140...	180	85	140	9	97,5	165	80	50	2,0
GPC1TP154...	145	115	140	9	97,5	165	80	50	2,0
GPC1TP193...	180	115	140	9	97,5	165	80	50	2,0
GPC1TP242...	225	115	150	9	97,5	165	80	50	2,0

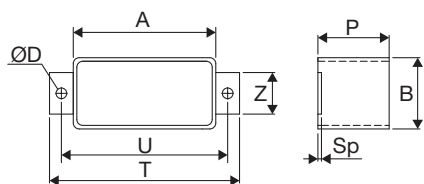
FRONTAL FLANGES TYPE F1



DIMENSIONS and CHARACTERISTICS

Part number	Frontal flanges type 1								
	A	B	P	T	U	Z	X	ØD	Thk.
GPC1TP015...	54	34	30	70	55	35	18	7	2,0
GPC1TP038...	90	50	45	85	70	65	45	7	2,0
GPC1TP069...	120	65	60	110	90	80	60	9	2,0
GPC1TP140...	180	85	80	130	110	120	90	9	2,0

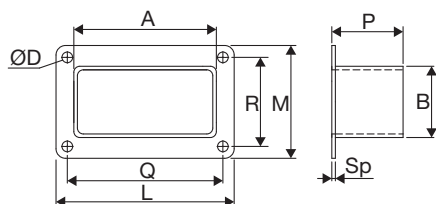
FRONTAL FLANGES TYPE F2



DIMENSIONS and CHARACTERISTICS

Part number	Frontal flanges type 2							
	A	B	P	T	U	Z	ØD	Thk.
GPC1TP015...	54	34	30	90	75	15	7	2,0
GPC1TP038...	90	50	45	120	105	30	7	2,0
GPC1TP069...	120	65	60	160	140	35	9	2,0
GPC1TP140...	180	85	80	220	200	40	9	2,0

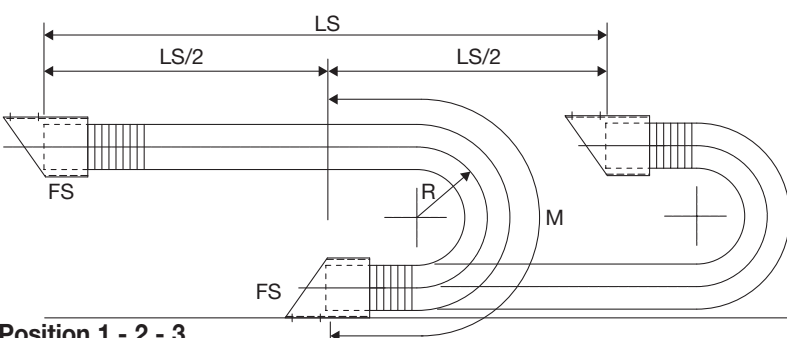
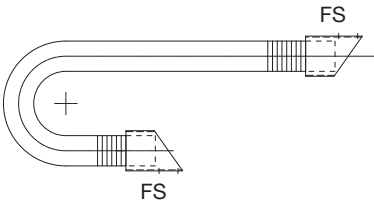
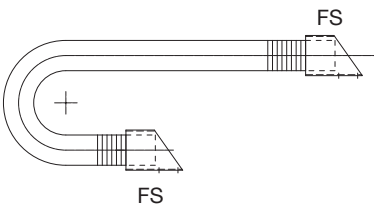
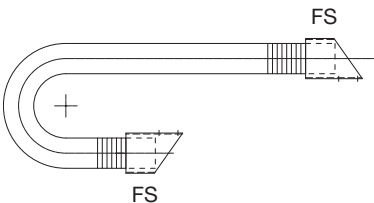
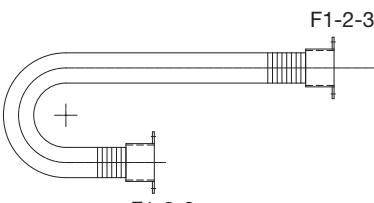
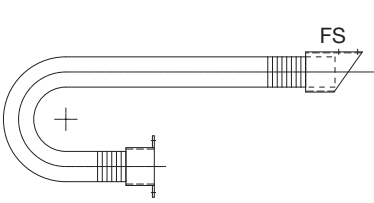
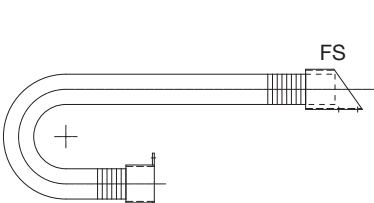
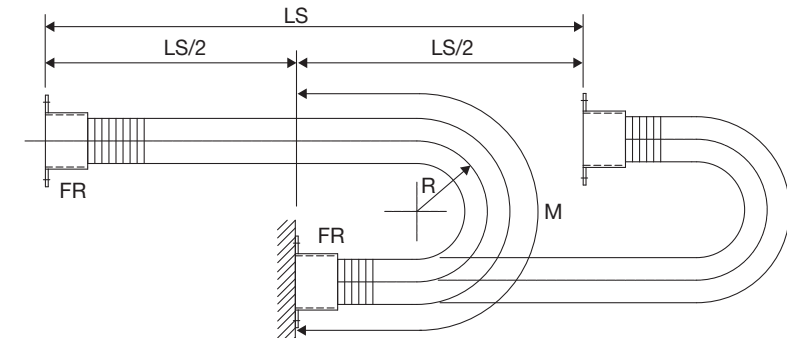
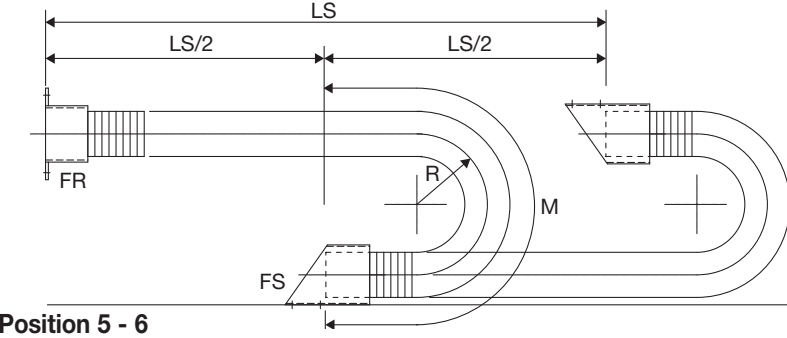
FRONTAL FLANGES TYPE F3

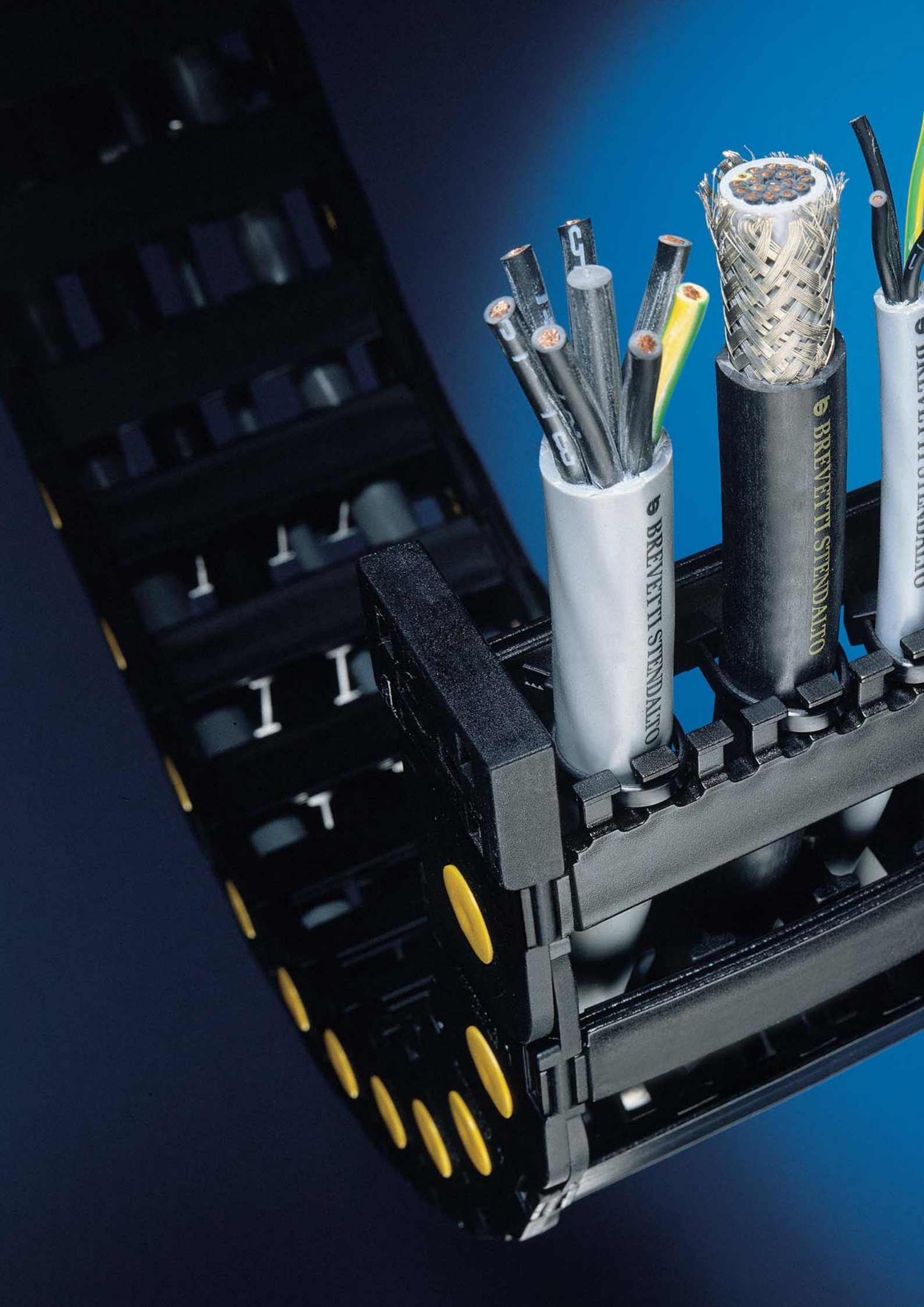


DIMENSIONS and CHARACTERISTICS

Part number	Frontal flanges type 3								
	A	B	L	M	ØD	P	Q	R	Thk.
GPC1TP015...	54	34	85	65	7	30	70	50	2
GPC1TP025...	54	54	85	85	7	30	70	70	2
GPC1TP038...	90	50	120	80	7	45	105	65	2
GPC1TP042...	70	70	100	100	7	45	105	85	2
GPC1TP051...	90	65	120	95	7	45	105	80	2
GPC1TP069...	120	65	150	95	9	60	135	80	2
GPC1TP092...	120	85	150	115	9	60	135	100	2
GPC1TP126...	145	95	175	125	9	60	160	110	2
GPC1TP140...	180	85	210	115	9	80	195	100	2
GPC1TP154...	145	115	175	145	9	80	160	130	2
GPC1TP193...	180	115	210	145	9	80	195	130	2
GPC1TP242...	225	115	255	145	9	100	240	130	2

Steel Cable Conduit

Determining conduit length	Flanges and mounting versions																
 Position 1 - 2 - 3	Position 1  Position 2  Position 3  Position 4  Position 5  Position 6 																
 Position 4																	
 Position 5 - 6																	
Conduits can be supplied up to a maximum length of 5 m. If the unsupported length (LS/2) is more than 2.5 m, it is necessary to use support rollers.																	
Conduit length $L = LS/2 + M$ <table> <tr> <th>Bend radius</th><th>M</th></tr> <tr> <td>70</td><td>290</td></tr> <tr> <td>100</td><td>414</td></tr> <tr> <td>120</td><td>497</td></tr> <tr> <td>130</td><td>538</td></tr> <tr> <td>170</td><td>704</td></tr> <tr> <td>180</td><td>745</td></tr> <tr> <td>250</td><td>1035</td></tr> </table>	Bend radius	M	70	290	100	414	120	497	130	538	170	704	180	745	250	1035	
Bend radius	M																
70	290																
100	414																
120	497																
130	538																
170	704																
180	745																
250	1035																





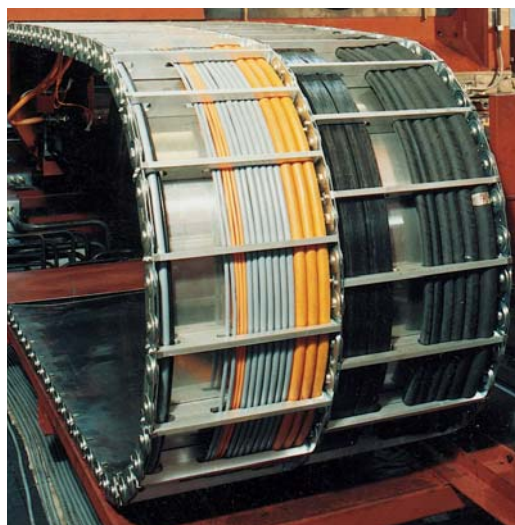
Flexible Cables for Cable Chains

Characteristics

Brevetti Stendalto, aware of the continuous development of the high technology production processes, offers a number of flexible and high flexible cables, constructed according to the most recent technologies. These high flexible cables enable a continuous operation for multi-shift-work under conditions of extreme bending stress⁽¹⁾, for example industrial robots, machine tools and for the working of wood, automation systems etc.

The protection control according to the DIN VDE rules, gives a certificate showing the high standard of quality of the Brevetti Stendalto cables.

The wide choice of products composed of different types of cables, allows us to answer to the growing demand from all parts of the technical department.



⁽¹⁾ The Brevetti Stendalto cables have been tested with accelerations exceeding 20 m/s^2 and speed of 6 m/s .

Flexible Cables

Installation

For correct installation of cables in the cable chain, it is important to follow the guidelines listed below:

- 1- The cables have to be installed and unrolled from the drum carefully to avoid damage. It is therefore important to follow the indications in Fig.1. The coil should not be unrolled from the centre, but it should be placed on a support or on a turning plane and then be unrolled starting from the external ends.
- 2- Check the minimum allowed bending radius of the chosen cable and compare it with the bending radius of the chain. For a correct installation, the last mentioned should be larger compared to the bending radius of the cable.
- 3- There must be at least 10%-20% free space between the cable diameters and the internal dimensions of the chain. Install the cables/hoses symmetrically in the chain with the larger and heavier towards the outside and the smaller and lighter in the centre. Further, it is necessary to separate the cables using the separators, available for all the chains, or the split cross pieces with holes done in the appropriate sizes according to the external diameter of the cable.
- 4- The cables/hoses must be placed and installed in such a way so that they can move freely side ways during the movement of the chain and also so that in the bending curve they do not cause any tension or traction on the cable chain.
- 5- The cables/hoses must be installed and fixed using the appropriate accessories (see pages 226/227), at both extremities of the chain.
- 6- Verify the installation of the cables in the chains with Brevetti Stendalto's technical office or request a personalised project by filling in the appropriate module (page 229).

(Fig. 2) It is important, when having high velocities and accelerations, to avoid the superimposing of the cables. Avoid contact between the different cables and hoses internally in the chain.

Fig. 1

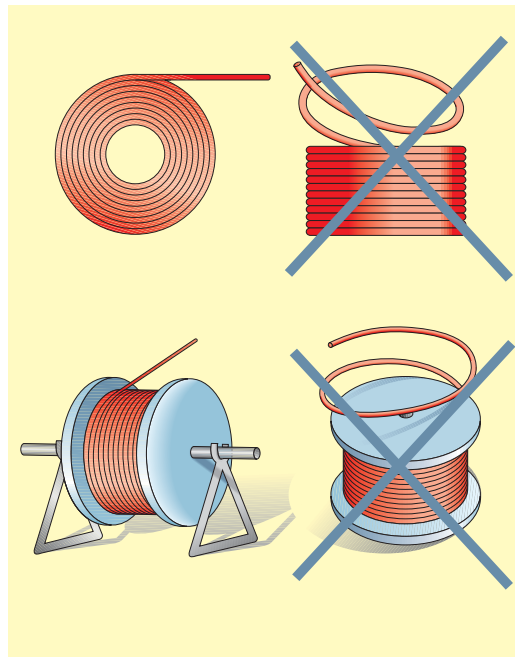
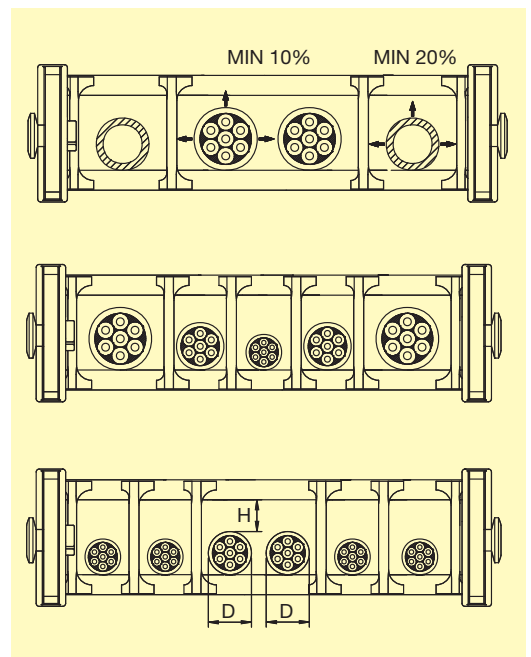
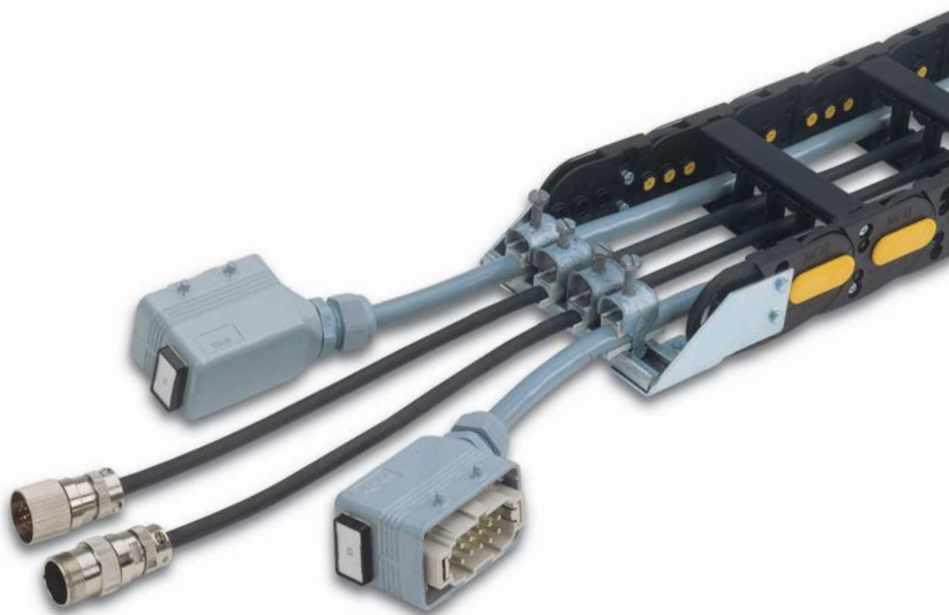


Fig. 2



Ready to Install Chains with Electrical Cables

On request chain ready to be used with cables and plugs connected.
Please contact our sales departments for further information.



With Hydraulic Hoses

On request chain ready to be used with hydraulic hoses.
Please contact our sales departments for further information.



Custom-Built Packaging

For very large chains, example offshore applications, harbour cranes, steel mills, Brevetti Stendalto offers on request custom-built

packaging, for save transport and facilitated assembling on-site.



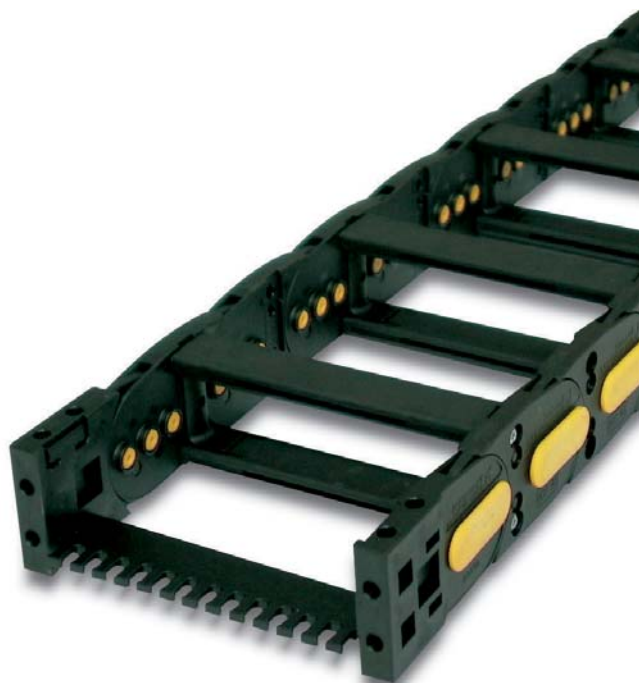
Flexible Cables

Tiewrap Clamp in Nylon

To allow easy fixing of the cables at the chain's end brackets, Brevetti Stendalto offers strong nylon tiewrap clamps.

The tiewrap is mounted on to a steel profile to assure a strong support.

This fixing system is available for our Heavy, Sliding and Protection series.



Steel Cable Clamps

The steel cable clamps connect the cable to the extremities of the chain.

The plastic counter pressure cradle with the integrated screw tighten and fix the cable.

The smooth surface and the design of the cradles guarantee high stability and avoid any damage to the cables.

Special versions are available on request.

Fixing set is composed by the following parts:

- steel clamps with pressure cradle
- counter pressure cradle
- doublesided cradle for double and triple clamps
- steel mounting rails



Fig. A

Zinc-plated Steel cable clamps

C-profile rail

Part.no	Length
6000002	Standard 1000 mm; available on request with different length

Single clamp in zinc-plated steel with 1 pressure cradle and 1 counter pressure cradle

Part.no	Diameter mm	L	H max~
6000614C	06-14	20	64
6001418C	14-18	22	73
6001822C	18-22	26	77
6002226C	22-26	30	81
6002630C	26-30	34	85
6003034C	30-34	38	90
6003438C	34-38	43	100
6003842C	38-42	47	113
6004246C	42-46	52	120
6004650C	46-50	58	130
6005054C	50-54	68	139
6005458C	54-58	75	147
6005864C	58-64	82	155
6006470C	64-70	90	163

Double clamp in zinc-plated steel set complete with 1 pressure cradle, 1 double sided cradle and 1 counter pressure cradle

Part.no	Diameter mm	L	H max~
6020608C	06-08	20	64
6020810C	08-10	20	88
6021014C	10-14	20	88
6021418C	14-18	21	94
6021822C	18-22	26	110
6022226C	22-26	30	121
6022630C	26-30	34	128
6023034C	30-34	38	134
6023438C	34-38	43	156
6023842C	38-42	47	165

Triple clamp in zinc-plated steel set complete with 1 pressure cradle, with plastic insert, 2 double sided cradles and 1 counter pressure cradle

Part.no	Diameter mm	L	H max~
6031012C	10-12	16	87
6031214C	12-14	17	97
6031416C	14-16	19	102
6031618C	16-18	22	112
6031820C	18-20	24	116
6032022C	20-22	26	129
6032224C	22-24	28	133
6032426C	24-26	31	143
6032628C	26-28	33	150
6032830C	28-30	35	158

Counter pressure cradle

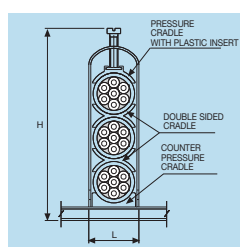
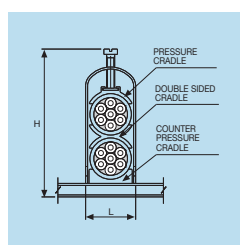
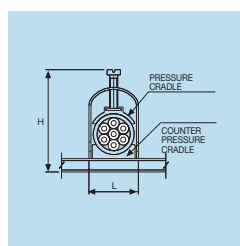
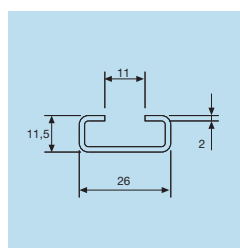
Part.no	Diameter mm	Part.no	Diameter mm
6100612	06-12	6103842	38-42
6101214	12-14	6104246	42-46
6101618	14-18	6104650	46-50
6101822	18-22	6105054	50-54
6102226	22-26	6105458	54-58
6102630	26-30	6105864	58-64
6103034	30-34	6106470	64-70
6103438	34-38		

Doublesided cradle

Part.no	Diameter mm	Part.no	Diameter mm
6201012	10-12	6202426	22-26
6201214	12-14	6202830	26-30
6201416	14-16	6203034	30-34
6201618	16-18	6203438	34-38
6201822	18-22	6203842	38-42

Plastic insert for triple clamp

Part.no	Diameter mm	Part.no	Diameter mm
6300612X	10-12	6201822X	20-24
6301214X	12-14	6202226X	24-26
6301416X	14-16	6202630X	26-30
6301618X	16-20		



Date	Fax: +39 039 834250 e-mail: sales@brevettistendalto.it
To: Brevetti Stendalto S.p.a. viale Stucchi 66/8 20900 Monza (MB)	Sender:

Order no.:	Page _____ of Page _____
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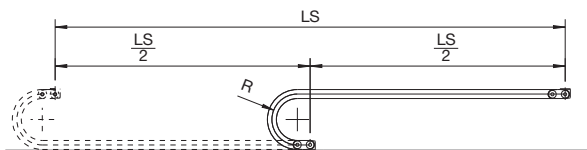
[illegible]

Delivery time: _____ Signature/stamp _____

Please copy this page and send it fax to: +39 039 834250 or e-mail to: sales@brevettistendalto.it

Enquiry Form

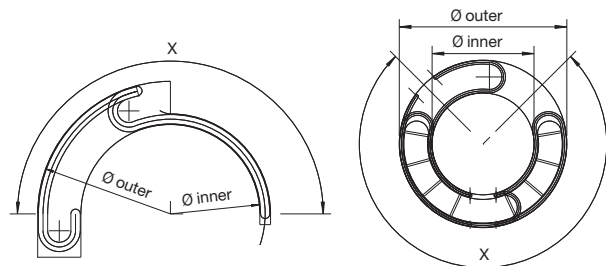
Date	Fax: +39 039 834250 e-mail: tekno@brevettistendalto.it
To: Brevetti Stendalto S.p.a. viale Stucchi 66/8 20900 Monza (MB)	Sender:



☐ Horizontal movement	☐ Vertical movement
Travel distance (LS)	_____ mm
Bending radius (R)	_____ mm
Speed	_____ m/s
Acceleration	_____ m/s ²
Travel frequency	_____ Mov./h _____ day/year
Environment	_____
Humidity	_____
Temperature	_____
Installation in/outside	_____
Clean/dirty	_____
Remarks:	_____
_____	_____
_____	_____
_____	_____
_____	_____
Suggested chain _____	

[illegible]

☐ Request for quotation ☐ Request for technical drawing



☐ circular movement with 1 chain ☐ circular movement with 2 chains

Rotation _____ degrees

Inner Ø _____ mm

Outer Ø _____ mm

Movable point ☐ Inner Ø ☐ Outer Ø

Movement with ☐ housing
 ☐ towing arm

Speed _____ m/s

Acceleration _____ m/s²

Travel frequency _____ Mov./h _____ day/year

Environment _____

 Humidity _____

 Temperature _____

 Installation in/outside _____

 Clean/dirty _____

Remarks _____

Suggested chain _____

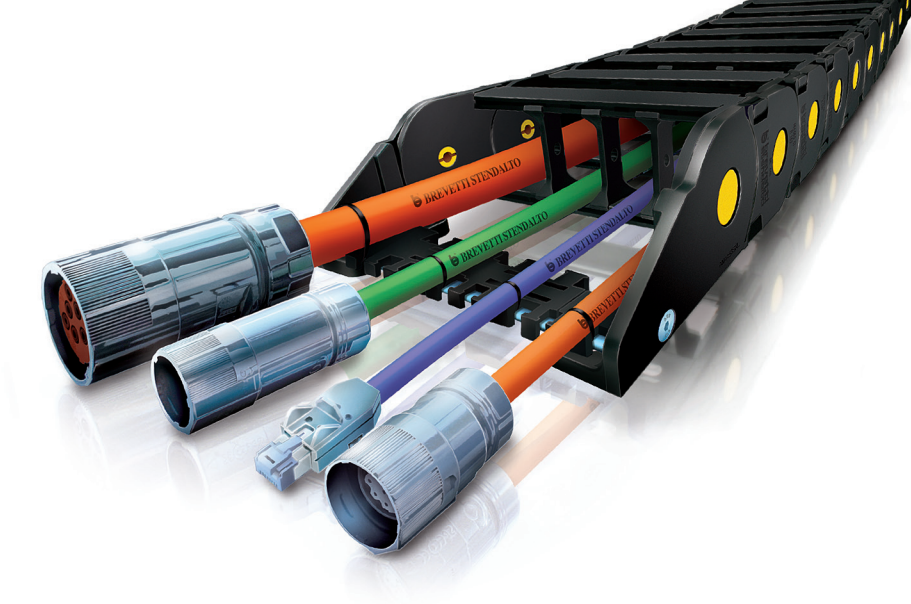
[illegible]

Overview of Products Range

			Inner width		Inner height		External width		External height	Pitch	Bending radius	
												
	page		da mm	a mm	da mm	a mm	da mm	a mm	mm	mm	da mm	a mm
Serie Light 	40	200	12	35	12	-	18	41	15	17	18	40
	42	250L/LI/LE	15	50	17	-	26	61	23	29	28	100
	44	30090/91/92	18	38	18,5	-	29	49	23,5	30	33	100
	46	325LI/LE	40	103	25	-	57	120	38	45	50	150
	48	325L	40	103	25	-	57	120	38	45	50	150
	50	335L/LI/LE	40	150	35	-	56,5	166,5	50	52	65	200
	52	339	40	76	39	-	60	96	50	35	50	100
Serie Medium 	60	300A	15	75	18	-	27	87	23	30	40	120
	62	300	14	36	18	-	30	52	23	30	40	120
	64	305A	30	50	24	-	54	74	30	35	50	150
	66	305	30	50	20	-	52	72	30	35	50	150
	68	355A	45	95	31	-	74	124	43	40	75	200
	70	355	45	95	30	-	74	124	45	40	75	200
	72	400	40	60	25	-	62	82	35	40	50	150
	74	435MI/ME	40	150	35	-	60	170	49	50	60	200
	76	445MI/ME	50	362	45	-	72	384	64	67	75	300
	78	660A	50	362	37	-	75	387	55	50	100	250
	80	770A	45	357	60	-	80	392	78	70	150	300
	82	475MI/ME	74	498	75,5	-	112	536	100,5	105	150	400
Serie Heavy 	88	306	43	355	30	37	79	391	55	65	75	300
	94	307	42	354	40	47	80	392	64	70	75	250
	100	308	38	350	48	57	82	394	75	80	150	400
	106	309	64	400	70	75,5	120	456	100	100	200	500
	110	310	200	600	112	-	260	660	150	145	200	750
Serie Protection 	114	325PI	10	103	25	-	57	120	38	45	75	150
	116	335PI	40	150	35	-	56,5	166,5	50	52	65	200
	118	435PI/PE	40	150	35	-	60	170	48	50	75	200
	120	445PI/PE	50	362	45	-	72	384	64	67	100	300
	122	445AI/AE	50	362	45	-	72	384	64	67	100	300
	124	475PI/PE	74	374	75,5	-	110	410	100,5	105	180	400
	126	660	50	150	36	-	79	179	55	50	100	250
	128	770	85	250	51	-	120	285	78	70	150	300
	130	306CI/CE	43	355	37	-	79	391	55	65	107	300
	132	308CI/CE	38	350	57	-	82	394	75	80	180	400
	134	309C	200	400	72	-	256	456	100	100	200	500
	136	309CI/CE	64	488	75,5	-	120	544	100	100	200	500
Serie Sliding 	140	326	61	373	30	37	89	416	59	65	107	300
	146	328	61	373	48	57	116	428	79	80	150	400
	152	319	64	400	70	75,5	128	464	107	100	200	500
	154	329	64	488	75,5	-	128	552	107	100	150	600
	162	478PI/PE	74	498	75,5	-	112	536	106,5	105	150	400
	166	60	115	539	60,5	-	165	589	90	90	150	400
	168	80	115	539	80,5	-	195	619	117	110	200	700
Serie Robot 	178	495	45	-	35	-	69	-	45	-	100	-
	180	500	65	-	30	-	93	-	43	-	100	150
	182	510TN	88	-	46	-	132	-	55-77	-	125	-
	182	515TN	88	-	46	-	132	-	55-77	-	175	-
	184	545	62	-	46	-	123	-	62	-	100	-
	186	599	210	-	59	-	272	-	85	-	220	-
Serie Steel 	192	20NT	79	304	32	38	112	337	53	75	75	305
	194	30NT	106	306	52	58	142	342	74	95	150	535
	196	30LT	106	506	52	58	140	540	74	95	150	535
	198	30LC	106	506	52	-	140	540	74	95	150	535
	200	35NT	104	404	65	70	153	453	95	125	200	600
	202	35NC	104	404	65	-	153	453	95	125	200	600
	204	35LT	104	504	65	70	148	548	95	125	200	600
	206	35LC	104	504	65	-	148	548	95	125	200	600
	208	40T	150	500	112,5	115	216	566	145	180	250	1000
	210	40C	150	500	104	-	216	566	145	180	250	1000
	212	45T	300	600	182	180	390	690	220	250	400	1500

== standard; O=on request

Self supported length		Max. travel length	Snap open cover	Enclosed design	Vertical separator	Horizontal separator	Ver./horiz. separator	Drilled frame	Diameter	
										
max m	kg		int. raggio	est. raggio					int. mm	est. mm
0,90	0,1	-	-	-	-	-	-	-	-	-
1,30	0,1	-	•	•	-	o	-	-	-	-
1,45	0,1	o	-	-	-	-	-	-	-	-
1,90	0,5	o	•	•	-	o	-	-	-	-
1,90	0,5	o	-	-	-	o	-	-	-	-
2,20	1	o	•	•	-	o	-	-	-	-
2,20	1	o	-	-	-	o	-	-	-	-
1,70	0,1	-	•	-	-	-	-	-	-	-
1,55	0,1	o	-	-	-	-	-	-	-	-
1,40	1	-	•	-	-	o	-	-	-	-
1,90	1	o	-	-	-	o	-	-	-	-
2,30	1	-	•	-	-	o	-	-	-	-
2,30	1	o	-	-	-	o	-	-	-	-
1,60	1	-	•	-	-	o	-	-	-	-
2,20	1	o	•	•	-	o	-	-	-	-
3,70	1	o	•	•	-	o	o	o	-	-
2,45	1	o	•	-	-	o	o	o	-	-
3,80	1	o	•	-	-	o	o	o	-	-
4,75	1	o	•	•	-	o	o	o	-	-
3,10	1	-	•	•	o	o	o	o	-	-
3,90	1	-	•	•	o	o	o	o	-	-
4,95	1	-	•	•	o	o	o	o	-	-
6,50	1	-	•	•	o	o	o	o	-	-
7,00	1	-	•	•	o	o	o	o	-	-
1,70	0,5	-	•	-	•	o	o	o	-	-
2,00	1	-	•	-	-	o	-	-	-	-
2,10	1	-	•	•	•	o	o	o	-	-
3,35	1	-	•	•	•	o	o	o	-	-
3,35	1	-	•	•	•	o	o	o	-	-
4,45	1	-	•	•	•	o	o	o	-	-
2,30	1	-	•	-	•	o	o	o	-	-
3,45	1	-	•	-	•	o	o	o	-	-
2,70	1	-	•	•	•	o	o	o	-	-
4,00	1	-	•	•	•	o	o	o	-	-
5,80	1	-	-	•	•	o	o	o	-	-
6,00	1	-	•	•	•	o	o	o	-	-
-	-	•	•	•	o	o	o	o	-	-
-	-	•	•	•	o	o	o	o	-	-
-	-	•	•	•	-	o	o	o	-	-
-	-	•	•	•	o	o	o	o	-	-
-	-	•	•	•	o	o	o	-	-	-
-	-	•	•	•	-	o	o	o	-	-
-	-	•	•	•	-	o	o	o	-	-
-	-	-	•	-	-	-	-	-	600	755
-	-	-	•	-	-	o	-	-	630	830
-	-	-	•	-	-	•	-	-	940	1220
-	-	-	•	-	-	•	-	-	1060	1340
-	-	-	•	-	-	•	o	o	485	760
-	-	-	•	•	-	•	o	o	1400	2000
5,40	1	-	-	-	o	o	o	o	•	-
6,20	1	-	-	-	o	o	o	o	•	-
5,50	1	-	-	-	o	o	o	o	•	-
5,00	1	-	-	-	•	o	o	o	-	-
9,10	1	-	-	-	o	o	o	o	•	-
8,90	1	-	-	-	•	o	o	o	-	-
7,25	1	-	-	-	o	o	o	o	•	-
7,00	1	-	-	-	•	o	o	o	-	-
10,50	1	-	-	-	o	o	o	o	•	-
9,70	1	-	-	-	•	o	o	o	-	-
13,00	1	-	-	-	o	o	o	o	•	-



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