



PLASTIC CABLE CARRIERS DURAMOV®

Polymer-tech Solutions™



- CSB was established in 1995 and its legal registered capital is 223 million RMB.
- Annual turnover more than 1 Billion RMB, more than 1000 employees.
- CSB has 5 production bases with a total area of 200000m².
- China National Hi-Tech Enterprise, more than 120 patents.
- IATF16949: 2016、ISO9001: 2015、ISO14001: 2015 and ISO45001: 2018 certifications.

...High-performance Polymer Technologies Creating Value For Customers

EC Directive 2011/65/EU (the RoHS Directive)

Hg、Cr⁶⁺、Pb、Cd、PBDE、PBB、DBP、BBP、DEHP、HBCDD。

This directive restricts the use of hazardous substances. Listed below are CSB products which are all RoHS compliant.



"CSB", "TEFPLAS", "TEXPLAS", "DURAPLAS", "DURARUB", "DURAFILM", "TRIBOTAPE", "DURAMOV", "FLEXMOV", "CSB-EPB", "CSB-LIN", "CSB-FWB", "CSB-BAL", "CSB-RPM", "CSB-SRB", "CSB-PRB", etc. are legally protected trademarks in China.



Polymer-tech Solutions™



CSB-EPB® Plastic Plain Bearings

Maintenance-free dry operation, Absolute corrosion resistance, Long service time and light; Multiple choices: Lowest friction coefficient, High load, Anti-static, High temperature 250°C, FDA food safety grade.



CSB-LIN® Plastic Linear Bearings

Dry operation without oil, Anti-dust, No noise, Corrosion resistance, Longer service time and light; Multiple Assemble types, Highest operation temperature 250°C.



CSB-LIN® Guide Rails and Lead Screws

Self-lubricating and maintenance-free linear motion system, Linear slider and screw nuts are made of high wear-resistant material EPB13, Dry operation for longer time, lower noise, longer service time and suitable for operation in dust or dirty water.



CSB-BAL® Plastic Spherical Bearings

Self-lubricating and maintenance-free, Corrosion-resistant, Anti-fouling, lightweight; Multiple structural design to meet different installation requirements.



CSB-FWB® Filament-wound Bearings

Long fiber composite material, The best performance for dry operation, High load capacity and max. static load 240MPa, Especially suitable for swing with high load and low speed.



DURAPLAS® Semi-finished Products

The semi-finished products are made of anti-wear and high performance materials CSB-EPB®, It can be machined non-standard bearings in short time, saving cost for small quantity; Multiple choices: Bar, sheet and tribo-tape.



DURAMOV® Plastic Cable Carriers

The cable carriers are made of high strength and anti-wear plastics, The cable carriers are used in a variety of motion modes and strokes, modular design is easy to assemble and maintain, and it is suitable for low noise long life in various environments.



FLEXMOV® Flexible Cables

FLEXMOV® flexible cables include control cables, data cables, servo cables, motor cables, bus cables, robot cables, etc.; Various jacket materials such as PVC、PUR and TPE are available to meet trouble-free operation in extreme environments such as indoors or outdoors.

<http://www.csb-ep.com>

Products

DURAMOV®

www.csb-ep.com
sales@csb-ep.com

Tel: 0086 573 84187009

CSB-EPB® Plastic Plain Bearings



CSB-LIN® Plastic Linear Bearings



CSB-PRB® Plastic Ball Bearings



CSB-BAL® Plastic Spherical Bearings



CSB-LIN® Guide rails & Screw nuts



CSB® Automation technology



CSB-SRB® Slewing Ring Bearings



CSB-RPM® Steering Rack Bearings



TEFPLAS® Fluoroplastic Bearing



KER Knife Edge Rollers



DURACHAIN® Escalator Rotary Chains



**DURAMOV® Cable Carriers
FLEXMOV® Flexible Cables**



DURAPLAS® Semi-finished Products



CSB-FWB® Filament-wound Bearings



DURARUB® Composite anti-wear pads



Metal Sliding Bearings





填充电缆 | 气管 | 油管参数

项目	类型	外径 [mm]	壁厚 [µm]	数量 [pcs]	截面积 [mm²]
1	电缆	5	0.016	2	19.625
2	电缆	10	0.160	3	78.500
3	气管	6	0.050	1	28.260

电缆拖链安装方式

- 水平架空
- 垂直悬挂
- 垂直站立
- 侧向安装

电缆拖链安装参数

- 1 拖链最大行程 m
- 2 拖链最大架空长度 m
- 3 拖链安装最大宽度 无限制 17
- 4 拖链安装最大高度 无限制 250
- 5 拖链最终偏移高度 无限制 80
- 6 拖链打开方式 无限制 侧开 顶开 斜开

DURAMOV® 适配电缆拖链 (最小安全系数 1.5)

可打开侧开型电缆拖链 C31

- C31-15.16.028.007
- C31-15.16.036.008
- C31-15.16.048.196
- ▲ 适应拖链最大高度 ≥ 80mm
- ▲ 安装间距
- C31-15.20.028.007
- C31-15.20.036.008
- C31-15.20.048.196

通用型电缆拖链 C02

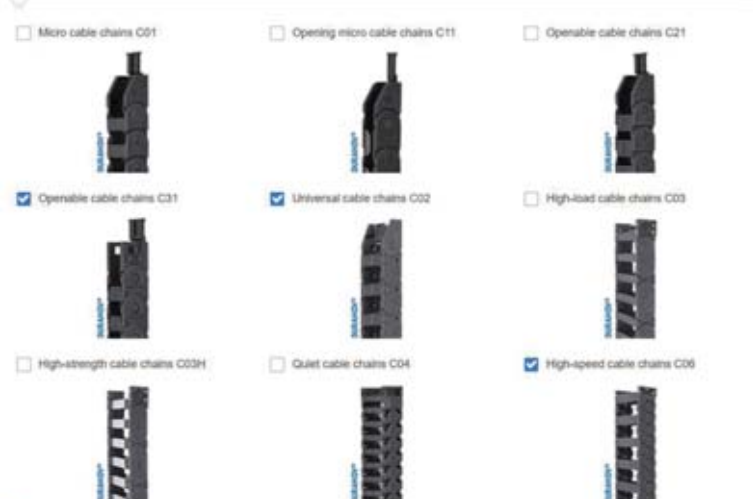
- C02-19.035.036.206
- ▲ 适应拖链最大高度 ≥ 80mm
- ▲ 安装间距
- C02-18.039.046.236
- ▲ 适应拖链最大高度 ≥ 101mm
- ▲ 安装间距
- C02-18.035.075.316
- ▲ 适应拖链最大高度 ≥ 130mm
- ▲ 安装间距

1 Select cable chains

Micro cable chains C01 Opening micro cable chains C11 Openable cable chains C21

Openable cable chains C31 Universal cable chains C02 High-load cable chains C03

High-strength cable chains C03H Quiet cable chains C04 High-speed cable chains C06

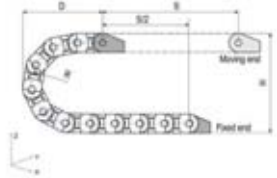


2 Filling cables/gas tubes/oil tubes

Items	Type	Outside diameter [mm]	Wight [µgm]	Quantity [pcs]	Sectional area [mm²]	Weight [µgm]	Option
1	Cables	5	0.016	2	19.625	0.032	
2	Cables	10	0.160	3	78.500	0.480	Delete
3	Gas tubes	6	0.050	1	28.260	0.050	Delete

3 Cable chains installation type

- Unsupported
- Vertical hanging
- Vertical standing
- Side-mounted



4 Cable chains installation dimensions

- 1 Max. length of travel m
- 2 Max. unsupported straight length m
- 3 Max. clearance width for chains Unlimited 17 mm
- 4 Max. clearance height for chains Unlimited 250 mm
- 5 Over-length in final position Unlimited 80 mm
- 6 Opening method of cable chains Unlimited Closed Open Side-side Inner-side Outer-side

DURAMOV® Available cable chains (Min. safety factor 1.5)

please visit: www.csb-ep.com

CSB insists on the theory of going on creation and pursuing excellence and established the system concentrating on the self-lubricating material technology, making full use of the advanced research and testing equipment, joint innovation with research institutes and foreign technology. CSB has advanced performance testing equipments for materials, The most comprehensive tribological properties professional testing equipments for lubricating bearings, The service life tester for plastic cable carriers. There are thousands of tests on the materials and equipments that CSB engineers will execute each year. Hundreds of new materials and products are developed by CSB to meet the continuously changing requests from the market.



DURAMOV® Plastic cable carrier test center



Long-travel outdoor sliding durability test for flexible cables and cable carriers



Short-travel unsupported durability test for flexible cables and cable carriers



Instron 5567 material testing system



Energy dispersive spectrometry (EDS)



Material analysis center



High and low temperature alternating test chamber



UV Accelerated Weathering Tester



Material structure center

R&D

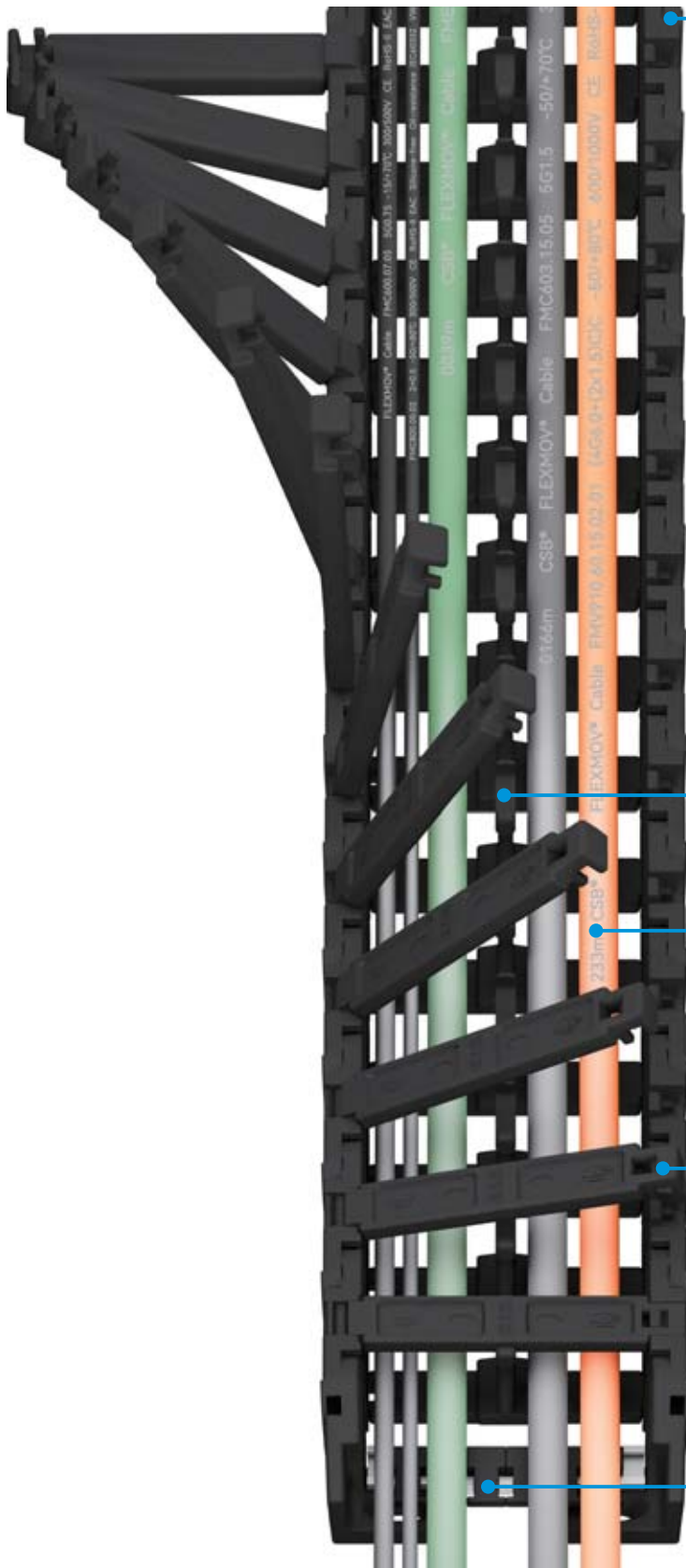
DURAMOV®

www.csb-ep.com
sales@csb-ep.com

Tel: 0086 573 84187009

DURAMOV®

Plastic Cable Carriers



DURAMOV® cable carriers are made of high-strength and wear-resistant materials

C01 Micro cable carriers

C11 Open design micro cable carriers

C21 Openable design micro cable carriers

C31 Openable design micro cable carriers

C04 Quiet micro cable carriers

C06 Quiet micro cable carriers

C02 Universal cable carriers

C03 High load cable carriers

C03H High-strength cable carriers

EDS9 Anti-static material is available for cable carriers

Strain relief separators

FLEXMOV® Flexible cables

High strength and stability connection design

Strain relief elements

■ Plastic cable carriers applications



C03 cable carriers protects long-stroke robot cables

DURAMOV® Application

www.csb-ep.com
sales@csb-ep.com

Tel: 0086 573 84187009

■ Plastic cable carriers applications



CNC Machining center



Robot



Auto machine



Plastic film production line



Waterjet cutting machine



CO₂ cutting machine



Laser cutting equipment



Filament-wound machine

DURAMOV® Application

www.csb-ep.com
sales@csb-ep.com

Tel: 0086 573 84187009

DURAMOV® Cable carriers

Series	Opening principle	Hi Inner height [mm]	Max. cable outer diameter [mm]	Bi Inner width [mm]	Ha Outer height [mm]	Ba Outer width [mm]	R Bend radius [mm]	T Link pitch [mm]

C01 Micro cable carriers, Closed design

For the smallest applications. One-piece, non-openable

		07	8	7-30	10	12-35	15-48	16.7
		10	8	10-30	12	14-34	18-38	20
		15	12	16-50	19.3	24.2-58.2	25-48	20

C11 Micro cable carriers, Opening design

Fill the cable quickly and easily; Split crossbar along the inner radius

		05	3	5-10	8	8.7-13.7	10-18	10
		07	4.5	7-30	10	12-35	15-48	16.7
		10	6.5	10-20	15	16.5-26.5	18-38	20

C21 Micro cable carriers, Openable along the outer radius

Fill the cable quickly and easily; Openable along the outer radius

		14.3	12	16-40	19.3	24.2-48.2	28-48	20
		20	16	25-50	25	36-61	28-48	30.5

C31 Micro cable carriers, openable along one side

Two-pieces design, Openable along the outer radius or inner radius

		10	8	10-30	15	17.4-37.4	18-38	20
		15	12.5	16-50	19.3	23.8-57.8	28-48	20
		20	16	25-50	25	36-61	28-48	30.5

C02 Universal cable carriers

For almost any application. Crossbars removable along the inner and outer radius

		18	16	38-125	28	54-141	38-150	40
		25	23	38-125	35	54-141	55-250	46
		35	32	50-150	50	66-166	63-250	56
		45	42	75-175	64	95-195	75-300	67

C03 High load cable carriers

Strong carrier with crossbars every link

		32	28	50-200	54	73-223	63-300	56
		42	38	50-200	64	76-226	75-350	67
		56	50	100-200	84	134-234	135-500	91
		80	72	100-200	108	148-248	150-500	111

C03H High-strength cable carriers





Special crossbar design with freely definable inner width

		32	28	200-400	54	223-423	63-300	56
		42	38	200-400	64	226-426	75-350	67
		56	50	200-600	84	234-634	135-500	91
		80	72	200-600	108	248-648	150-500	111





– Inapplicable ○ Optional ● Standard ■ Especially suitable

Unsupported fill weight max. [kg/m]	Unsupported length max. [m]	Long travel max. [m]	Internal divider		ATEX/ESD	Cleanroom	UL94	Low noise	Page
			Vertical separators	Horizontal separators					
0.37	≤ 0.5	–	–	–	○	●	HB	●	P24
0.37	≤ 0.5	–	–	–	○	●	HB	●	P26
0.75	≤ 0.7	–	–	–	○	●	HB	●	P28
0.25	≤ 0.3	–	–	–	–	●	V2	●	P32
0.37	≤ 0.5	–	–	–	–	●	V2	●	P34
0.37	≤ 0.5	–	–	–	–	●	V2	●	P36
0.50	≤ 0.7	–	–	–	○	–	HB	●	P40
0.50	≤ 0.7	–	–	–	○	–	HB	●	P42
0.50	≤ 0.7	–	–	–	○	–	HB	●	P46
0.65	≤ 1.0	–	–	–	○	–	HB	●	P48
0.65	≤ 1.0	–	–	–	○	–	HB	●	P50
5	≤ 1.8	75	○	○	○	–	HB	–	P54
5	≤ 2.4	100	○	○	○	–	HB	–	P57
8	≤ 2.8	120	○	○	○	–	HB	–	P60
13	≤ 3.7	150	○	○	○	–	HB	–	P63
15	≤ 3.0	200	○	○	○	–	HB	–	P68
38	≤ 4.2	300	○	○	○	–	HB	–	P71
75	≤ 5.0	400	○	○	○	–	HB	–	P74
75	≤ 5.8	400	○	○	○	–	HB	–	P77
20	≤ 3.0	200	○	○	–	–	HB	–	P82
55	≤ 4.2	300	○	○	–	–	HB	–	P86
100	≤ 5.0	400	○	○	–	–	HB	–	P90
100	≤ 5.8	400	○	○	–	–	HB	–	P94

DURAMOV® Cable carriers

Series	Opening principle	Hi Inner height [mm]	Max. cable outer diameter [mm]	Bi Inner width [mm]	Ha Outer height [mm]	Ba Outer width [mm]	R Bend radius [mm]	T Link pitch [mm]
C04 Quiet cable carriers, smooth running and cleanroom applications Special design and small pitch for smooth running and cleanroom applications, Openable along the inner and outer radius								
		28	25	30-60	35	46-76	55-150	22
C06 Quiet cable carriers, high-speed and cleanroom applications Special design and small pitch for high-speed and cleanroom applications, Openable along the inner and outer radius								
		29	25	40-120	35	56-136	55-150	22
		35	31	40-120	42	60-140	55-150	25
		40	36	50-150	54	70-170	63-200	27.8
		52	46	50-150	65	74-174	75-250	30

DURAMOV® Bellows

Series	Type	Bi Inner diameter [mm]	Ba Outer diameter [mm]	R Bend radius [mm]	Unsupported length [m]	Page
BL01 Quiet and cleanroom cable carriers						
Used to protect cables in multiple applications and flexible movement						
	Close	10-48	13-54.5	20-90	≤0.3	P131
	Open	10-48	13-54.5	20-90	≤0.3	P131
BL02 Quiet and cleanroom cable carriers						
Used to protect cables in multiple applications and flexible movement						
	Close	10-48	13-54.5	20-90	≤0.3	P132
	Open	10-48	13-54.5	20-90	≤0.3	P132

Accessories

	Brackets Used to support bellows in long-travell applications	P133		Quick connectors Quickly connected without tools	P134
	Water-proof connectors Used for wet or liquids environment	P135		Right-angle connectors Used for right-angle applications	P136

– Inapplicable ○ Optional ● Standard ■ Especially suitable

Unsupported fill weight max. [kg/m]	Unsupported length max. [m]	Long travel max. [m]	Internal divider		ATEX/ESD	Cleanroom	UL 94	Low noise	Page
			Vertical separators	Horizontal separators					
3	≤1.0	–	○	–	–	●	HB	■	P100
3	≤1.75	–	○	–	–	●	HB	■	P104
5	≤1.9	–	○	–	–	●	HB	■	P107
8	≤2.75	–	○	–	–	●	HB	■	P110
10	≤3.0	–	○	–	–	●	HB	■	P113

DURAMOV® Guide troughs

Series	Cable carriers	Trough side parts	Clamping brackets	Glide bars	C-profile	Page
Steel guide troughs						
Available in galvanised steel and stainless steel						
	DURAMOV® C02 and C03	Standard length: 2m section	Standard parts	Standard length: 2m section	The length according to Lc	P116
Cable clamp						
	Cable clamp	Multi-layer available, Used to fix cables with C-profile supporter				P129

Technical description

■ Application icons



Unsupported



Vertical hanging



Vertical standing



Side-mounted



Horizontal and vertical



Nested



Side by side

Abbreviations and description

ΔM	= Deviation of the center point	[mm]
AR	= Outer radius	[mm]
Ba	= Outer width	[mm]
Bi	= Inner width	[mm]
D	= Over-length radius in final position	[mm]
FL _B	= Unsupported length with sag	[m]
FL _G	= Unsupported straight length	[m]
FL _U	= Unsupported lower run	[m]
FZ _{Max}	= Maximum fill weight	[kg/m]
H	= Nominal clearance height	[mm]
Ha	= Outer carrier height	[mm]
H _F	= Required clearance height	[mm]
H _i	= Inner height	[mm]
K	= Add-on for bend radius	[mm]
n	= Quantity of links	[Pcs]
R	= Bend radius	[mm]
S	= Length of travel	[mm]
S/2	= Half length of travel	[mm]
T	= Carrier link pitch	[mm]

Calculation formula

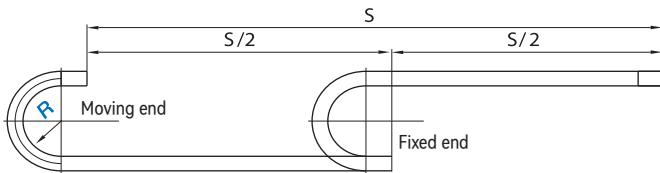
$K = \pi \times R + (2 \times T)$	Add-on for bend radius
$L_k = S/2 + \Delta M + K$	Carrier length, fixed end is outside the center of travel (FL _G , FL _B and ΔM)
$L_k = S/2 + K$	Carrier length, for all types of applications, fixed end in the center of travel, except circular movements and most long travels
$L_k = S/2 + K_2$	Carrier length for long travels, fixed end in the center of travel

■ Calculation of the carrier length

The fixed end in the center of the travel is the most cost-effective solution

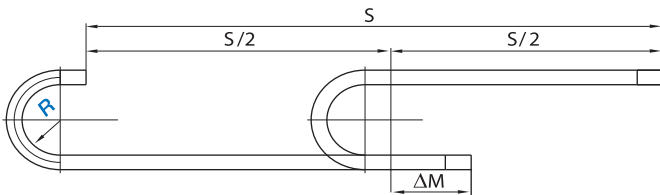
The carrier length L_k is calculated by using half the length of travel and adding the value K if the fixed end of the carrier is located in the center of the travel, You can get the value K from the size table in every series carrier. It is the most cost-effective solution if Placing the fixed end in the center of the travel, Because it requires the shortest carrier, cables and hoses.

$L_k = S/2 + K$ This formula is generally valid for all types of applications if the fixed end is in the center of the travel. Exceptions: circular movements and most long travels.



- L_k = Carrier length
- S = Length of travel
- R = Bend radius
- ΔM = Deviation of the centre point
- $K = \pi \times R + (2 \times T)$
- T = Carrier link pitch

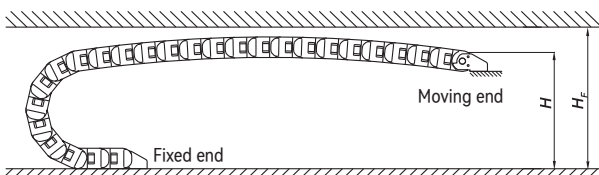
$L_k = S/2 + \Delta M + K$ This formula is valid if the fixed end is outside the center of the travel.



(K is taken from the data tables of the individual series)

■ Camber

The largest possible unsupported length is influenced by the design, material and camber. Camber is the curve of the upper run along its unsupported length. All DURAMOV® carriers are manufactured with camber. In the Installation dimensions section of each respective carrier description, you will find the measurement H_f , which specifies the necessary clearance height, taking the camber into account. The camber allows for longer unsupported lengths and increases service life and operating safety. Upon request, we can deliver carriers without camber for restricted space applications - however, these no camber carriers do not have the same load-bearing capacity.

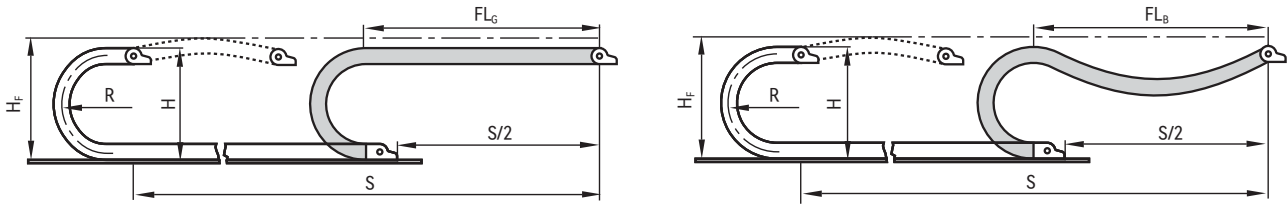


- H = Nominal clearance height
- H_f = Required clearance height

The necessary clearance height depends on the camber of the carrier. Find values for the necessary clearance height H_f on each product page.

Principle of camber for DURAMOV® carriers H_f = required installation height

Unsupported | Short travels



The FL_G type of installation always generates the longest service life and can be operated with the max. values for speed and acceleration.

■ Unsupported applications

If the upper run of the carrier operates without touching the lower run over the entire travel, it is called an unsupported application. The distance between moving end and the beginning of the radius curve of the is called the unsupported length. The unsupported application is the most common. DURAMOV® carriers are very well suited for high dynamics and long service life. The maximum unsupported length depends on the fill weight and the type of carrier or tube. As a result, we differentiate among three types of unsupported length.

01) FL_G — Unsupported with straight upper run FL_G

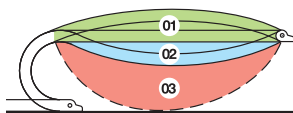
The carrier is unsupported FL_G when the upper run still has camber, is straight or has a maximum sag of 1/2 of the carrier link height. Installing the carrier in FL_G is always recommended. The runs smoothly without additional vibration.

02) FL_B — Unsupported with permitted sag FL_B

The carrier is unsupported FL_B when the sag is more than 1/2 Carrier link height and less than the smallest available radius of this DURAMOV® series. In most applications the can be used unsupported FL_B without any problems. There are restrictions concerning the maximum speed and acceleration.

03) Critical sag

When the sag of the carrier is higher than allowed for FL_B , it is in critical sag. Using an carrier in critical sag should be avoided or solved with special solutions. An carrier should never be installed with critical sag. Applications may reach critical sag after long service times. The carrier or tube should be replaced in these cases.



- 01) FL_G — Unsupported with straight upper run FL_G
- 02) FL_B — Unsupported with permitted sag FL_B
- 03) Critical sag

Vertical hanging | Application

■ Vertical, hanging applications

For hanging applications, heights of over 100m are possible with DURAMOV®. Particularly in the area of material flow technology, the carrier enables a bundled supply of a wide variety of cable types. The use of a carrier ensures that individual cables are not entangled in parts of shelves or protruding pallets. We recommend locking mounting brackets for vertical hanging applications.

■ Cables and hoses

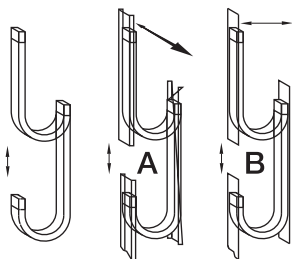
Two important factors in vertical hanging applications are how the cables and hoses lay in the carriers and how they are secured at the end points: all cables and hoses must be hung so that they bear their own weight. The carrier fulfils the function of orderly conduit bundling only and should not absorb any further tensile forces. The carrier interior separation elements should be used for distinct division of all cables and hoses. The cables and hoses must be secured carefully to both end points of the carrier. The strain relief must be designed so that the opposite run cannot catch. Safe strain relief and clear separation of the cables and hoses are the basic prerequisites for hanging installations. Cables must be able to move freely and bear their own weight.



Hanging applications DURAMOV®

■ Vertical motion with lateral acceleration

If the application has a purely vertical movement without lateral acceleration, a lateral support is not necessary. If lateral acceleration occurs, lateral guidance of the carrier must be provided in most cases. The diagram shows the principle of such guidance. Partial guidance is also an option however, it must at least cover the area in which the carrier may sway. Lateral acceleration can occur in two directions. The lateral guidance must be installed accordingly. If you have a choice, the layout in figure A is preferred. The lateral acceleration then acts transversely to the carrier, where it is more stable. When using a guide, a carrier with camber should be selected. This ensures that the carrier is pressed into the trough.



In most cases, vertical motion applications do not require lateral guidance

Lateral acceleration can occur in two directions. Guidance is necessary

Vertical standing | Application

■ Vertical standing applications

Standing applications are standard on many machines and plants. Cables will be guided safely in vertical strokes.

■ Mounting brackets

The mounting brackets must be attached so that the carrier cannot bow outwards. Locking mounting brackets are highly recommended because they can be attached flush to the machine.

■ Cables and hoses

Cables and hoses must be laid in the carrier so that they can bend freely and bear their own weight. For precise guidance of the cables and hoses, we strongly recommend interior separation elements. Cables must be strain relieved at both ends.

■ Lateral acceleration

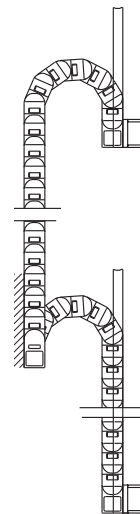
If lateral acceleration occurs, the carrier should, in most cases, be supported along the outer radius. For higher carrier heights, it is generally recommended that at least the first three links on the outer radius be supported. For maximum heights and weights, the whole distance must often be supported. Due to the wide variety of combinations involving fill weights, stroke heights, carrier types and bend radius, we recommend you contact with us.

■ Combined motion

Combined vertical and horizontal movements are possible with DURAMOV® carriers for a cost-saving solution.



Locking mounting brackets



Options for a standing application with support of the first carrierlinks: on the right, with U-shaped guidance - on the left, with the support of the first carrier links

Side-mounted | Application

■ Side-mounted Carriers

DURAMOV® carriers placed on their side can be used unsupported to a limited extent. The turned unsupported length in this case is dependent on the following factors:

1. Fill weight
2. Width of the carrier
3. Bend radius
4. Parallel placement



The lying carrier, one side of the chain is supported

We recommend locking mounting brackets for sidemounted applications

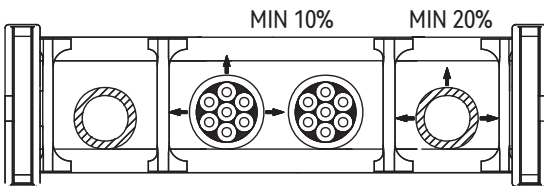
The greater the fill weight of the carrier, the shorter the available unsupported length. When placed on its side, the carrier width, in effect, becomes the height. As this height increases, the carrier becomes proportionally more stable. If further movement in a second axis is added to the parallel motion of two carriers, the unsupported length is impaired. For applications with low fill weight, the standard mounting carrier is supported brackets are adequate. If, however, the fill weight is high and the travels are long, the carrier must then be supported either in whole or in part. Due to the variety of application possibilities, we strongly recommend you make use of our consulting services.

Side-mounted carriers are strongly recommended if the installation height is restricted

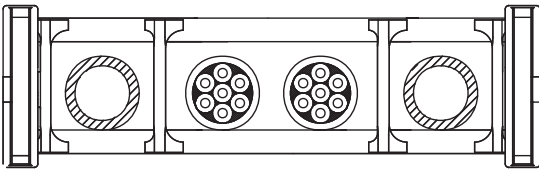
Standard values for unsupported lengths, side-mounted, upon request. The unsupported lengths can be extended by supporting the links next to the mounting brackets

Distribution rules | Cables and hoses

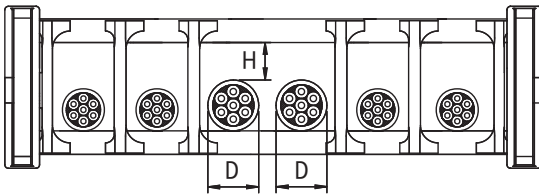
In order to ensure that the carrier is functioning properly and to avoid damage to the cables or hoses, the following principles must be observed when laying cables or hoses:



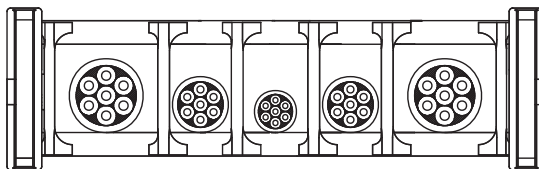
This minimum clearance would be 10% for electrical round cables, 20% for hydraulic hoses.



In order to reduce the possible friction, avoid pipes with different skin materials such as cables or hoses. (eg: cable and hydraulic hoses)



In applications where multiple cables and hoses are used, in order to avoid mutual friction between them, it is preferable to place them in a suitable separate space and separate them from each other with a spacer. If there are no conditions to achieve, make sure there is enough space between them to avoid mutual friction ($H < D$).



The cables or hoses are laid in a symmetrical manner according to their diameter and weight. The largest and heaviest cables are placed on the outside of the section and the small and light cables are placed on the inside.

Material properties data

Item	Method	Unit	M163	M107	ESD9
Color			Black	Black	Black
Density	ISO1183	g/cm ³	1.37	1.14	1.2
Max. moisture absorption at +23°C /RH50%	ISO 62	%	1.8	3.4	1.9
Maximum water absorption	ISO 62	%	6.4	7.6	7.3
Yield stress [dry/wet]	ISO 527	MPa	190/130	80/40	150/100
Elongation at break [dry/wet]	ISO 527	%	2.8/6	40/>50	2.5/4.5
Tensile modulus [dry/wet]	ISO 527	MPa	11000/7250	3200/1000	11500/7500
Flexural modulus [dry/wet]	ISO 178	MPa	9800/7000	2800/900	8900/6300
Flexural strength [dry/wet]	ISO 178	MPa	250/155	105/35	230
Shore hardness	ISO 868	D	79	79	83
Continuous work temperature		°C	-40/+120	-40/+80	-40/+80
Short-time work temperature		°C	-40/+180	-40/+170	-40/+150
Volume resistivity	IEC60093	Ω·cm	>10 ¹¹	>10 ¹¹	<10 ⁹
Surface resistivity	IEC60093	Ω	>10 ¹¹	>10 ¹¹	<10 ⁹
Flammability	UL94	Class	HB	V2	HB
Silicone-free			+	+	+
Halogen-free			+	+	+
2002/95/EG(RoHS)			+	+	+

Chemical resistance

Medium	Concentration % weight	M163	M107	ESD9	Medium	Concentration % weight	M163	M107	ESD9
Acetic acid	2	++	++	++	Ink, printing ink		++	++	++
Acetone	100	++	++	++	Mercury		++	++	++
Ammonia (aqueous)	10	++	++	++	Methyl acetate	100	++	++	++
Benzene	100	++	++	++	Milk		++	++	++
Bitumen	100	+	+	+	Mineral oil		++	++	++
Boric acid (aqueous)	10	++	++	++	Oil, cooking		++	++	++
Butyric acid	100	+	+	+	Oil, lubricating oil		++	++	++
Calcium chloride (aqueous)	Sat. aq. sol.	++	++	++	Oleic acid	100	++	++	++
Caustic potash	10	++	++	++	Paraffin oil		++	++	++
Chlorinated hydrocarbons		++	++	++	Perchloroethylene	100	++	++	++
Chlorine water	Sat. aq. sol.	-	-	-	Polyester resins (with styrene)		++	++	++
Chromic acid (aqueous)	1	+	+	+	Potassium carbonate (aqueous)	60	++	++	++
Colour		++	++	++	Potassium sulphate (aqueous)	100	++	++	++
Diesel oil	100	++	++	++	Propane gas		++	++	++
Fats, cooking fat		++	++	++	Sodium carbonate (aqueous)	50	++	++	++
Fluorinated hydrocarbons		++	++	++	Tartaric acid		+	+	+
Formaldehyde (aqueous)	30	+	+	+	Vaseline		++	++	++
Formic acid (aqueous)	2	+	+	+	Zinc sulphate (aqueous)	10	++	++	++
Gasoline	100	++	++	++					
Hydraulic oils		++	++	++	++	Resistant			
Hydrochloric acid	PH2	+	+	+	+	Conditionally resistant			
Hydrochloric acid	2	+	+	+	-	Non-resistant			
Hydrochloric acid	10	-	-	-	Sat. aq. sol.	Saturated aqueous solution			

C01 Micro cable carriers

C01 micro cable carriers are very small, one piece carriers with low weight, making them ideal for highly dynamic applications. C01 micro cable carriers are optimal for the smallest installation spaces, and are available in many versions.



One-piece design, non-openable

Inner height from 7mm to 15mm,
Inner width from 7mm to 50mm

One-piece design
Non-openable

Small pitch for low-noise
Smooth running

With tiwrap plates are available

Smallest bend radius



C01

DURAMOV®

www.csb-ep.com
sales@csb-ep.com

Tel: 0086 573 84187009



Flammability Class
UL94 HB



CE Compliance European



RoHS certification






Low-noise



Electrically conductive ESD/ATEX version C11E upon request

Standard dimensions

Micro cable carriers	Part No.	Bi	Ba	Hi	Ha	R	Unsupported length [m]	Page
		Inner width [mm]	Outer width [mm]	Inner height [mm]	Outer height [mm]	Bend radius [mm]		
	C01.07	7-30	12-35	7	10	15-48	≤0.5	P24
	C01.10	10-30	14-34	10	12	18-38	≤0.5	P26
	C01.15	16-50	24.2-58.2	15	19.3	25-48	≤0.7	P28

Installation



Twist and click



Twist and divide

Typical Applicable Industries and Applications

- Vehicle construction
- Automatic doors
- Measuring machines
- Electric equipment
- Pick & place robots
- Medical industries
- Printer and plotter
- Semi-conductor machines

C01.07 Micro cable carriers



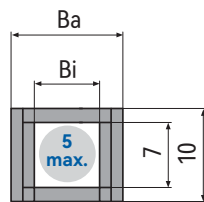
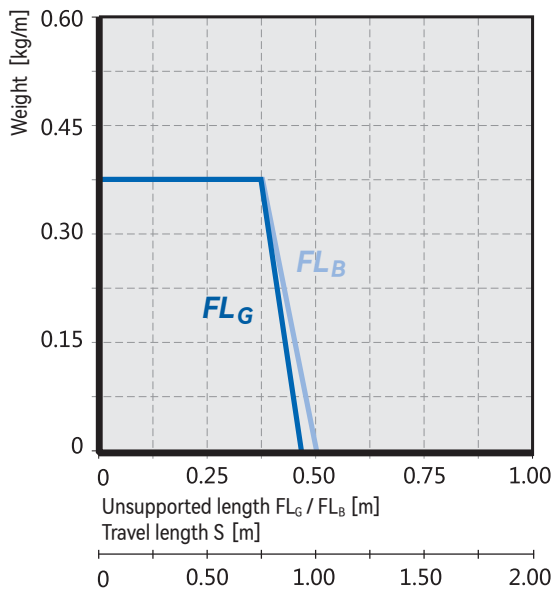
C01.07

DURAMOV®

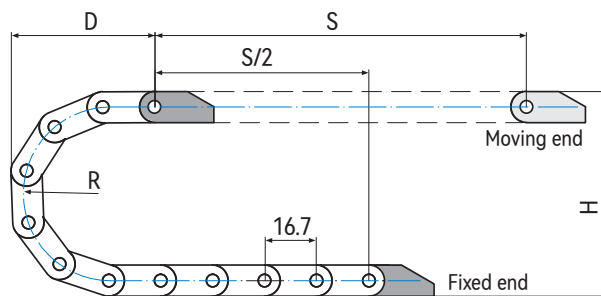
Standard dimensions

Part No.	Bi	Ba	Hi	Ha	R					Weight [kg/m]
	Inner width [mm]	Outer width [mm]	Inner height [mm]	Outer height [mm]	Bend radius [mm]		Bend radius [mm]			
C01.07.07.R	7	12	7	10	015	018	028	038	048	0.07
C01.07.10.R	10	15	7	10	015	018	028	038	048	0.08
C01.07.16.R	16	21	7	10	015	018	028	038	048	0.09
C01.07.20.R	20	25	7	10	015	018	028	038	048	0.10
C01.07.30.R	30	35	7	10	015	018	028	038	048	0.11

Installation dimensions



Inner height Bi: 7mm
 Link pitch T: 16.7mm
 Link quantity: 60pcs/m
 Clearance height H_F: H+10mm
 Carrier length: S/2+K

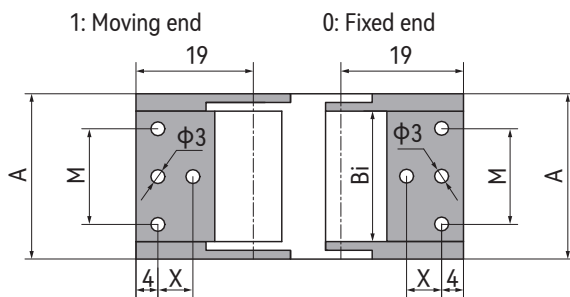


*Please consult CSB® if space is particularly restricted.

R	015	018	028	038	048
H	40	46	66	86	106
D	45	48	58	68	78
K	85	90	125	155	185

The required clearance height: H_F=H+10mm (Fill weight 0.1kg/m)

Mounting brackets



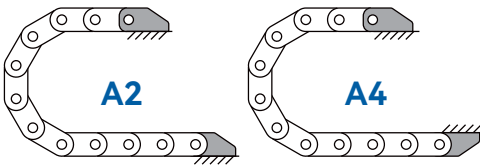
Part No.:

C01.07.07.01.L


P: Pivoting
 L: Locking
 0: Fixed end + 1: Moving end
 Inner width
 Inner height
 Carrier series

Part No. (Locking)	Part No. (Pivoting)	Inner width Bi [mm]	A [mm]	X [mm]	M [mm]
C01.07.07.01.L	C01.07.07.01.P	07	12	8	/
C01.07.10.01.L	C01.07.10.01.P	10	15	8	/
C01.07.16.01.L	C01.07.16.01.P	16	21	8	/
C01.07.20.01.L	C01.07.20.01.P	20	25	8	/
C01.07.30.01.L	C01.07.30.01.P	30	35	/	22

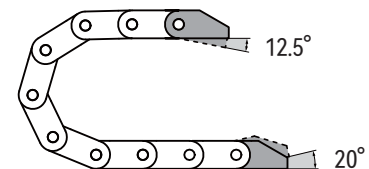
Mounting bracket installation optional



*C01.07 Possible installation configurations

*A2/A4 Please indicate installation code for pre-assembled carriers

C01.07.Bi.01.P



*For unsupported and gliding applications

Installation dimensions

	Unsupported length	≤ 0.5m	Speed / acceleration FL _C	≤ 3 [m/s] / 8 [m/s ²]
	Sliding length	Inapplicable	Speed / acceleration FL _B	≤ 2 [m/s] / 4 [m/s ²]
	Vertical hanging	≤ 5m	Sliding speed / acceleration	Inapplicable
	Vertical standing	≤ 0.5m	Permitted temperature	-40°C ~120°C
	Side-unsupported length	≤ 0.5m	Flammability Class	UL94 HB

Order code for pre-assembled cable carriers

Body					Optional
C01 . 07 . 07 . 018 . 020 .					A2
Carrier series	Inner height	Inner width	Bend radius	Link quantity	Mounting bracket installation type

C01.10 Micro cable carriers

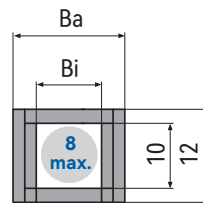
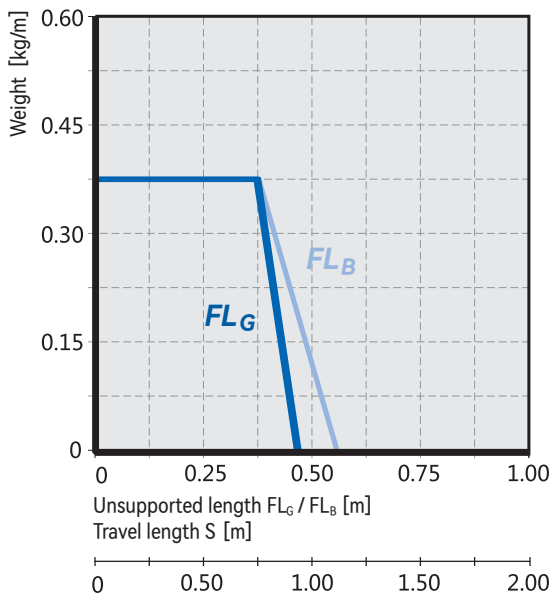


DURAMOV® C01.10

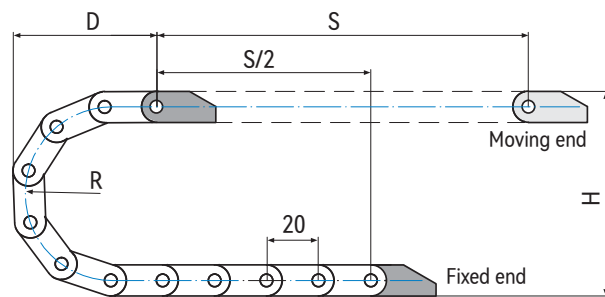
Standard dimensions

Part No.	Bi	Ba	Hi	Ha	R			Weight [kg/m]
	Inner width [mm]	Outer width [mm]	Inner height [mm]	Outer height [mm]	Bend radius [mm]			
C01.10.10.R	10	14	10	12	018	028	038	0.07
C01.10.16.R	16	20	10	12	018	028	038	0.08
C01.10.20.R	20	24	10	12	018	028	038	0.09
C01.10.30.R	30	34	10	12	018	028	038	0.09

Installation dimensions



Inner height Bi: 10mm
 Link pitch T: 20mm
 Link quantity: 50pcs/m
 Clearance height H_F: H+10mm
 Carrier length: S/2+K



*Please consult CSB® if space is particularly restricted.

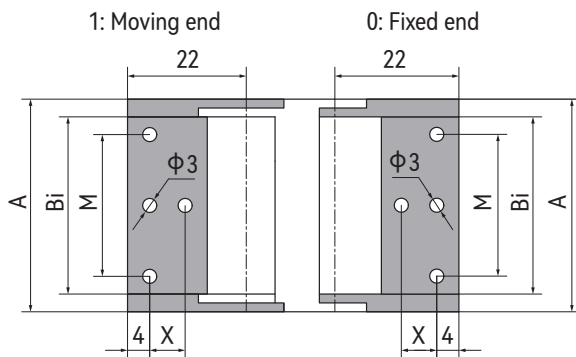
R	018	028	038
H	48	68	88
D	54	64	74
K	100	130	160

The required clearance height: H_F=H+10mm (Fill weight 0.2kg/m)

www.csb-ep.com
sales@csb-ep.com

Tel: 0086 573 84187009

Mounting brackets



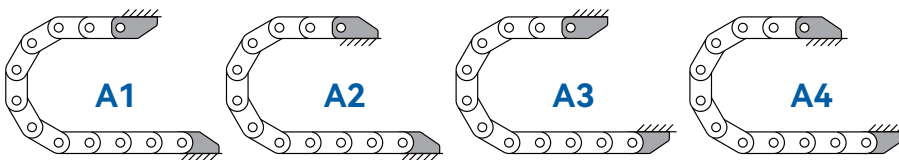
Part No.:

C01.10.10.01.L

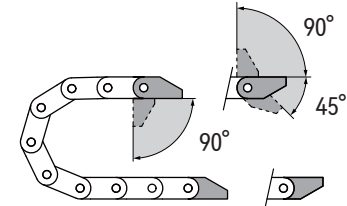

- P: Pivoting
- L: Locking
- 0: Fixed end + 1: Moving end
- Inner width
- Inner height
- Carrier series

Part No. (Locking)	Part No. (Pivoting)	Inner width Bi [mm]	A [mm]	X [mm]	M [mm]
C01.10.10.01.L	C01.10.10.01.P	10	14.7	8	/
C01.10.16.01.L	C01.10.16.01.P	16	20.7	8	/
C01.10.20.01.L	C01.10.20.01.P	20	24.7	8	/
C01.10.30.01.L	C01.10.30.01.P	30	34.7	/	22

Mounting bracket installation optional



C01.10.Bi.01.P



*C01.10 Possible installation configurations

*A1|A2|A3|A4 Please indicate installation code for pre-assembled carriers

*For unsupported and gliding applications

Installation dimensions

	Unsupported length	≤ 0.5m	Speed / acceleration FL _G	≤ 3 [m/s] / 8 [m/s ²]
	Sliding length	Inapplicable	Speed / acceleration FL _B	≤ 2 [m/s] / 4 [m/s ²]
	Vertical hanging	≤ 5m	Sliding speed / acceleration	Inapplicable
	Vertical standing	≤ 0.5m	Permitted temperature	-40°C ~120°C
	Side-unsupported length	≤ 0.5m	Flammability Class	UL94 HB

Order code for pre-assembled cable carriers

Body					Optional
C01.10.10.018.020.					A1
Carrier series	Inner height	Inner width	Bend radius	Link quantity	Mounting bracket installation type

C01.15 Micro cable carriers



C01.15

DURAMOV®

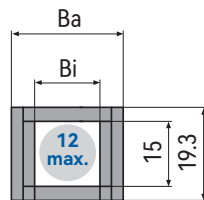
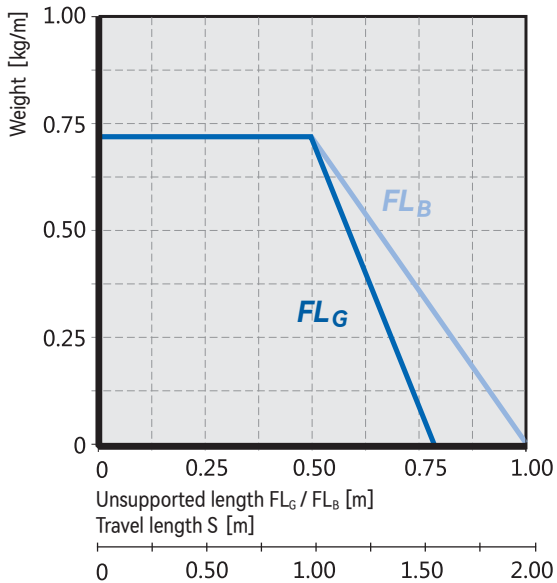
www.csb-ep.com
sales@csb-ep.com

Tel: 0086 573 84187009

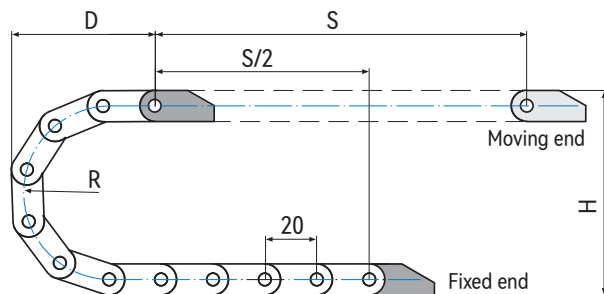
Standard dimensions

Part No.	Bi	Ba	Hi	Ha	R				Weight [kg/m]
	Inner width [mm]	Outer width [mm]	Inner height [mm]	Outer height [mm]	Bend radius [mm]				
C01.15.16.R	16	24.2	15	19.3	025	028	038	048	0.24
C01.15.20.R	20	28.2	15	19.3	025	028	038	048	0.25
C01.15.30.R	30	38.2	15	19.3	025	028	038	048	0.28
C01.15.40.R	40	48.2	15	19.3	025	028	038	048	0.31
C01.15.50.R	50	58.2	15	19.3	025	028	038	048	0.37

Installation dimensions



Inner height Bi: 15mm
Link pitch T: 20mm
Link quantity: 50pcs/m
Clearance height H_F : $H+15$ mm
Carrier length: $S/2+K$

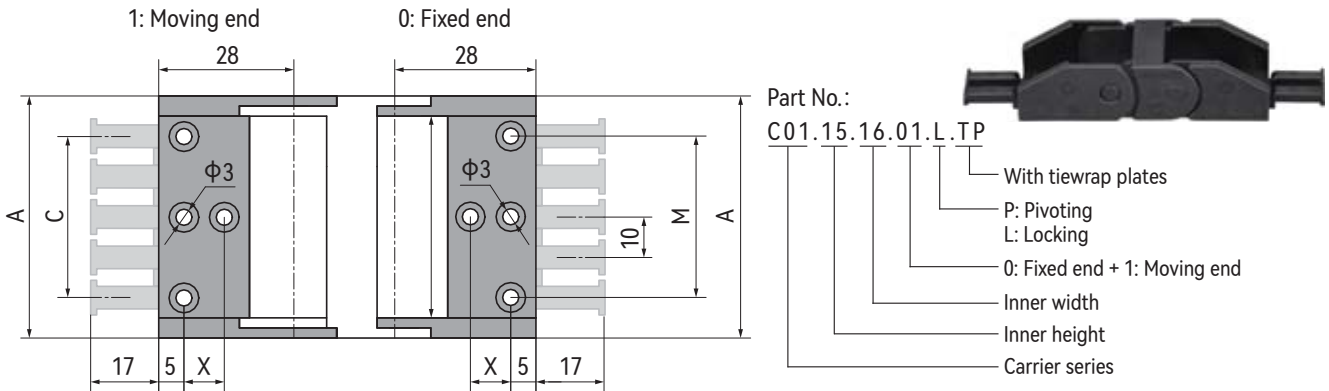


*Please consult CSB® if space is particularly restricted.

	025	028	038	048
R	025	028	038	048
H	69	75	95	115
D	65	68	78	88
K	120	130	160	195

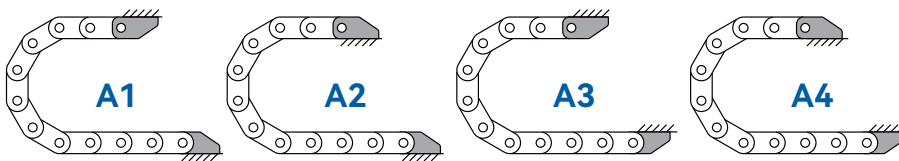
The required clearance height: $H_F=H+15$ mm (Fill weight 0.3kg/m)

Mounting brackets

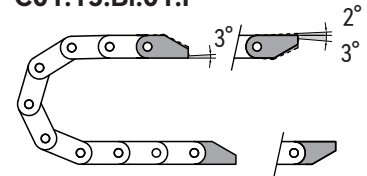


Without tiwrap plates (Locking)	With tiwrap plates (Locking)	Without tiwrap plates (Pivoting)	With tiwrap plates (Pivoting)	Inner width Bi [mm]	A [mm]	X [mm]	M [mm]	C [mm]	Number of teeth [pcs]
C01.15.16.01.L	C01.15.16.01.L.TP	C01.15.16.01.P	C01.15.16.01.P.TP	16	24.2	8	/	10	2
C01.15.20.01.L	C01.15.20.01.L.TP	C01.15.20.01.P	C01.15.20.01.P.TP	20	28.2	8	/	10	2
C01.15.30.01.L	C01.15.30.01.L.TP	C01.15.30.01.P	C01.15.30.01.P.TP	30	38.2	8	22	20	3
C01.15.40.01.L	C01.15.40.01.L.TP	C01.15.40.01.P	C01.15.40.01.P.TP	40	48.2	8	32	30	4
C01.15.50.01.L	C01.15.50.01.L.TP	C01.15.50.01.P	C01.15.50.01.P.TP	50	58.2	8	42	40	5

Mounting bracket installation optional



C01.15.Bi.01.P



*C01.15 Possible installation configurations

*A1|A2|A3|A4 Please indicate installation code for pre-assembled carriers

*For unsupported and gliding applications

Installation dimensions

	Unsupported length	≤ 0.7m	Speed / acceleration FL _G	≤ 3 [m/s] / 8 [m/s ²]
	Sliding length	Inapplicable	Speed / acceleration FL _B	≤ 2 [m/s] / 4 [m/s ²]
	Vertical hanging	≤ 5m	Sliding speed / acceleration	Inapplicable
	Vertical standing	≤ 0.5m	Permitted temperature	-40°C ~120°C
	Side-unsupported length	≤ 0.5m	Flammability Class	UL94 HB

Order code for pre-assembled cable carriers

Body					Optional
C01 . 15 . 16 . 025 . 020 .					A1
Carrier series	Inner height	Inner width	Bend radius	Link quantity	Mounting bracket installation type

C11 Micro cable carriers, open design and cable filled quickly

C11 micro cable carriers are very small, one piece and open design carriers with low weight, making them ideal for highly dynamic applications and cables filled quickly. C11 micro cable carriers are optimal for the smallest installation spaces, and are available in many versions.



Open design, easy to fill cables

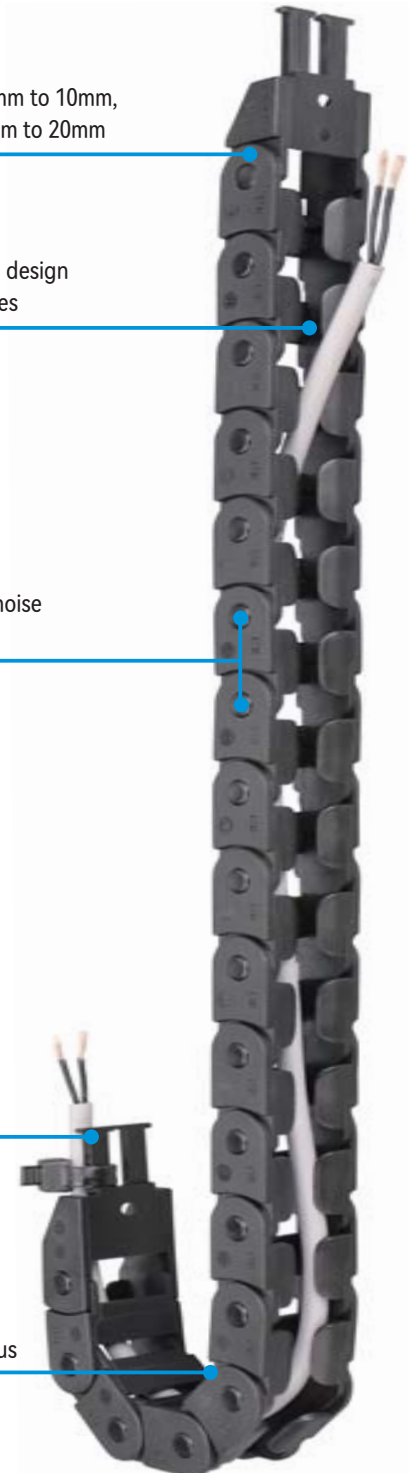
Inner height from 5mm to 10mm,
Inner width from 5mm to 20mm

One-piece and open design
Very easy to fill cables

Small pitch for low-noise
Smooth running

With tie-wrap plates
are available

Smallest bend radius



Flammability Class
UL94 V2



CE Compliance European






RoHS certification



Low-noise

Standard dimensions

Micro cable carriers, open design and cable filled quickly	Part No.	Bi	Ba	Hi	Ha	R	Unsupported length [m]	Page
		Inner width [mm]	Outer width [mm]	Inner height [mm]	Outer height [mm]	Bend radius [mm]		
	C11.05	5-10	8.7-13.7	5	8	10-18	≤0.3	P32
	C11.07	7-30	12-35	7	10	15-48	≤0.5	P34
	C11.10	10-20	16.5-26.5	10	15	18-38	≤0.5	P36

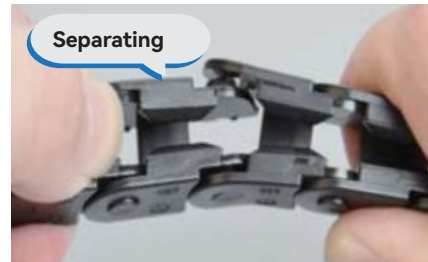
Installation



Twist and click



Press in cable



Twist and divide

Typical Applicable Industries and Applications

- General machinery
- Cleanroom applications
- Electronic apparatus
- Office equipment
- Vending machines
- Measuring equipment
- Packaging machines
- Medical industries

C11.05 Micro cable carriers, open design and cable filled quickly



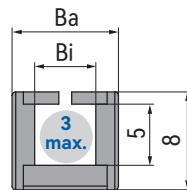
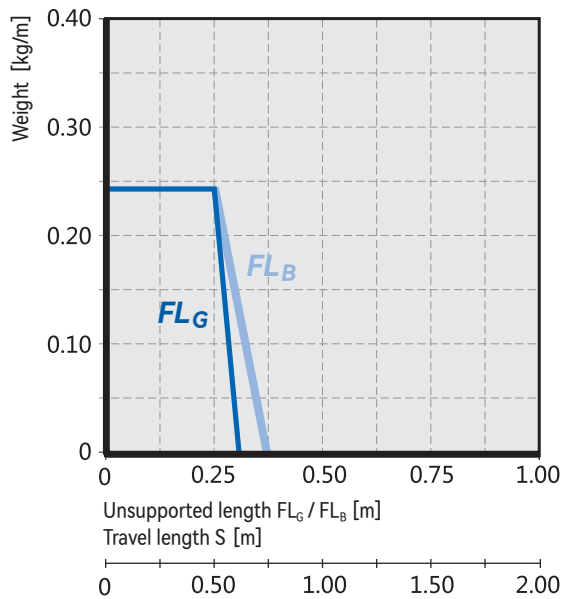
DURAMOV® C11.05

Standard dimensions

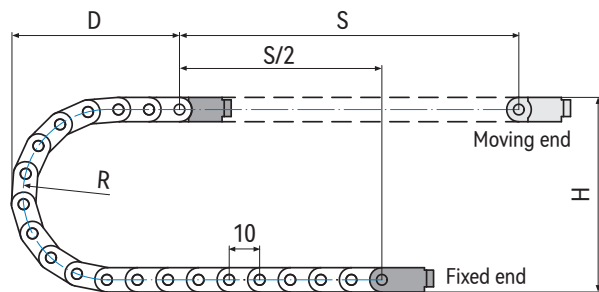
Part No.	Bi	Ba	Hi	Ha	R				Weight [kg/m]
	Inner width [mm]	Outer width [mm]	Inner height [mm]	Outer height [mm]	Bend radius [mm]				
C11.05.05.R	5	8.7	5	8	010	012	015	018	0.03
C11.05.07.R	7	10	5	8	010	012	015	018	0.04
C11.05.10.R	10	13.7	5	8	010	012	015	018	0.05

*Available upon request

Installation dimensions



Inner height Bi: 5mm
 Link pitch T: 10mm
 Link quantity: 100pcs/m
 Clearance height H_F: H+10mm
 Carrier length: S/2+K



*Please consult CSB® if space is particularly restricted.

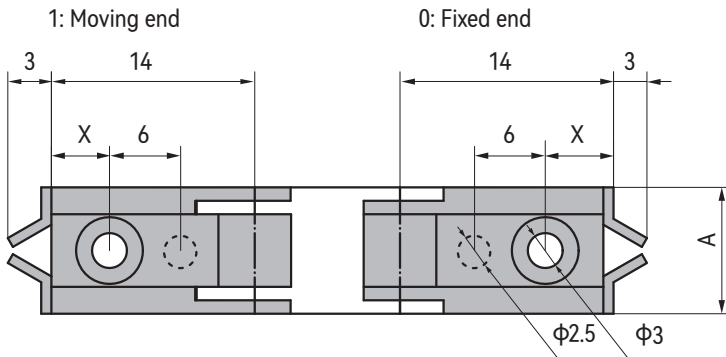
R	010	012	015	018
H	28	32	38	44
D	29	31	34	37
K	55	60	70	80

The required clearance height: H_F=H+10mm (Fill weight 0.1kg/m)

www.csb-ep.com
sales@csb-ep.com

Tel: 0086 573 84187009

Mounting brackets



Part No.:

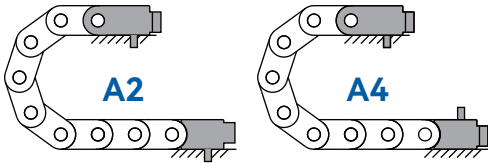
C11.05.05.01.L

- P: Pivoting
- L: Locking
- 0: Fixed end + 1: Moving end
- Inner width
- Inner height
- Carrier series

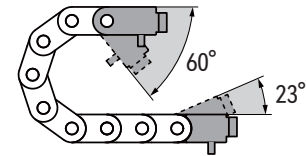
Part No. (Locking)	Part No. (Pivoting)	Inner width Bi [mm]	A [mm]	X [mm]
C11.05.05.01.L	C11.05.05.01.P	05	8.7	4
C11.05.07.01.L	C11.05.07.01.P	07	10.7	4
C11.05.10.01.L	C11.05.10.01.P	10	13.7	4

*Available upon request

Mounting bracket installation optional



C11.05.Bi.01.P



*For unsupported and gliding applications

*C11.05 Possible installation configurations

*A2/A4 Please indicate installation code for pre-assembled carriers

Installation dimensions

	Unsupported length	≤ 0.3m	Speed / acceleration FL _c	≤ 3 [m/s] / 8 [m/s ²]
	Sliding length	Inapplicable	Speed / acceleration FL _b	≤ 2 [m/s] / 4 [m/s ²]
	Vertical hanging	≤ 5m	Sliding speed / acceleration	Inapplicable
	Vertical standing	≤ 0.5m	Permitted temperature	-40°C ~120°C
	Side-unsupported length	≤ 0.5m	Flammability Class	UL94 V2

Order code for pre-assembled cable carriers

Body					Optional
C11 . 05 . 05 . 010 . 020 .					A2
Carrier series	Inner height	Inner width	Bend radius	Link quantity	Mounting bracket installation type

C11.07 Micro cable carriers, open design and cable filled quickly



C11.07

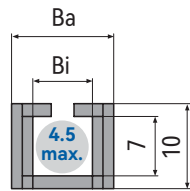
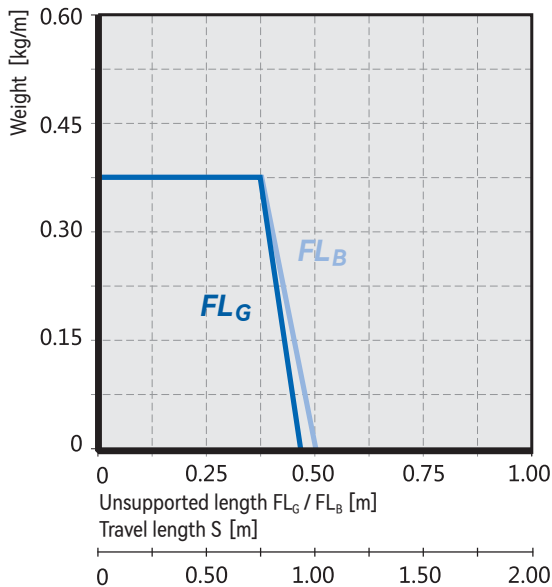
DURAMOV®

Standard dimensions

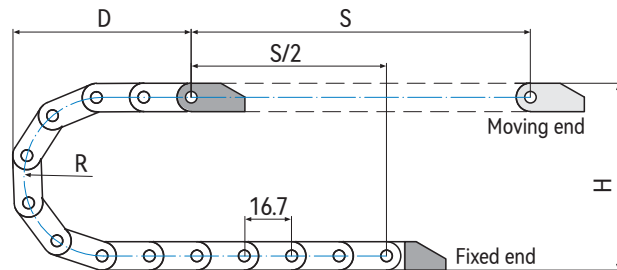
Part No.	Bi	Ba	Hi	Ha	R					Weight [kg/m]
	Inner width [mm]	Outer width [mm]	Inner height [mm]	Outer height [mm]	015	018	028	038	048	
C11.07.07.R	7	12	7	10	015	018	028	038	048	0.07
C11.07.10.R	10	15	7	10	015	018	028	038	048	0.08
C11.07.16.R	16	21	7	10	015	018	028	038	048	0.09
C11.07.20.R	20	25	7	10	015	018	028	038	048	0.10
C11.07.30.R	30	35	7	10	015	018	028	038	048	0.11

*Available upon request

Installation dimensions



Inner height Bi : 7mm
 Link pitch T : 16.7mm
 Link quantity: 60pcs/m
 Clearance height H_F : $H+10$ mm
 Carrier length: $S/2+K$

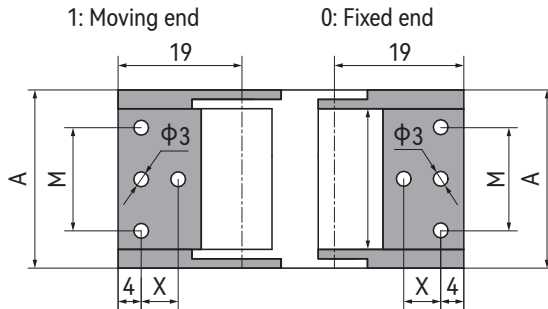


*Please consult CSB® if space is particularly restricted.

R	015	018	028	038	048
H	40	46	66	86	106
D	45	48	58	68	78
K	85	90	125	155	185

The required clearance height: $H_F=H+10$ mm (Fill weight 0.1kg/m)

Mounting brackets



Part No.:

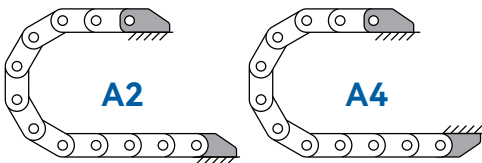
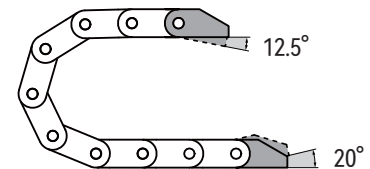
C11.07.07.01.L


P: Pivoting
 L: Locking
 0: Fixed end + 1: Moving end
 Inner width
 Inner height
 Carrier series

Part No. (Locking)	Part No. (Pivoting)	Inner width Bi [mm]	A [mm]	X [mm]	M [mm]
C11.07.07.01.L	C11.07.07.01.P	07	12	8	/
C11.07.10.01.L	C11.07.10.01.P	10	15	8	/
C11.07.16.01.L	C11.07.16.01.P	16	21	8	/
C11.07.20.01.L	C11.07.20.01.P	20	25	8	/
C11.07.30.01.L	C11.07.30.01.P	30	35	/	22

*Available upon request

Mounting bracket installation optional


C11.07.Bi.01.P


*C11.07 Possible installation configurations

*A2/A4 Please indicate installation code for pre-assembled carriers

*For unsupported and gliding applications

i Installation dimensions

	Unsupported length	≤ 0.5m	Speed / acceleration FL _C	≤ 3 [m/s] / 8 [m/s ²]
	Sliding length	Inapplicable	Speed / acceleration FL _B	≤ 2 [m/s] / 4 [m/s ²]
	Vertical hanging	≤ 5m	Sliding speed / acceleration	Inapplicable
	Vertical standing	≤ 0.5m	Permitted temperature	-40°C ~120°C
	Side-unsupported length	≤ 0.5m	Flammability Class	UL94 V2

🛒 Order code for pre-assembled cable carriers

Body					Optional
C11 . 07 . 07 . 015 . 020 .					A2
Carrier series	Inner height	Inner width	Bend radius	Link quantity	Mounting bracket installation type

C11.10 Micro cable carriers, open design and cable filled quickly



C11.10

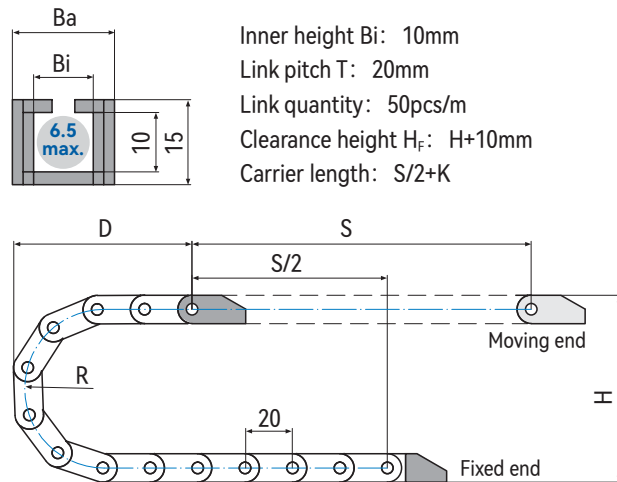
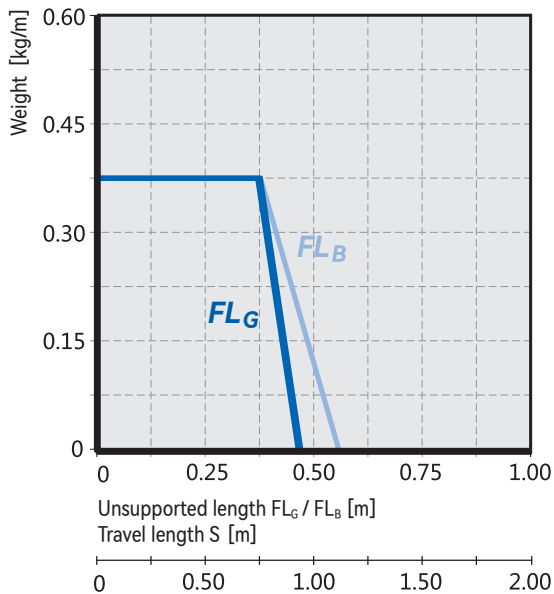
DURAMOV®

Standard dimensions

Part No.	Bi Inner width [mm]	Ba Outer width [mm]	Hi Inner height [mm]	Ha Outer height [mm]	R Bend radius [mm]			Weight [kg/m]
C11.10.10.R	10	16.5	10	15	018	028	038	0.07
C11.10.16.R	16	22.5	10	15	018	028	038	0.08
C11.10.20.R	20	26.5	10	15	018	028	038	0.09

*Available upon request

Installation dimensions

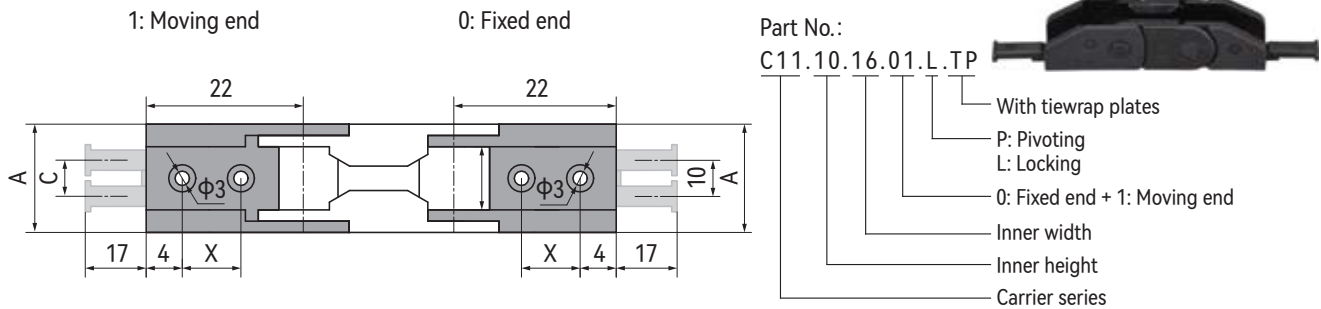


*Please consult CSB® if space is particularly restricted.

R	018	028	038
H	51	71	91
D	56	66	76
K	100	130	160

The required clearance height: H_F=H+10mm (Fill weight 0.2kg/m)

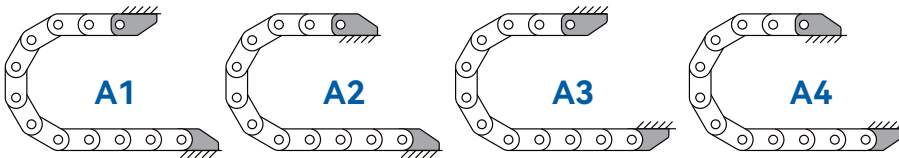
Mounting brackets



Without tiwrap plates (Locking)	With tiwrap plates (Locking)	Without tiwrap plates (Pivoting)	With tiwrap plates (Pivoting)	Inner width Bi [mm]	A [mm]	X [mm]	C [mm]	Number of teeth [pcs]
C11.10.10.01.L	C11.10.10.01.L.TP	C11.10.10.01.P	C11.10.10.01.P.TP	10	16.5	8	/	1
C11.10.16.01.L	C11.10.16.01.L.TP	C11.10.16.01.P	C11.10.16.01.P.TP	16	22.5	8	10	2
C11.10.20.01.L	C11.10.20.01.L.TP	C11.10.20.01.P	C11.10.20.01.P.TP	20	26.5	8	10	2

*Available upon request

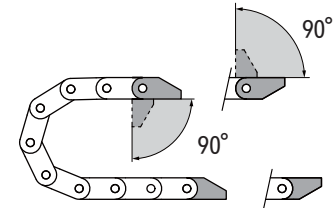
Mounting bracket installation optional



*C11.10 Possible installation configurations

*A1|A2|A3|A4 Please indicate installation code for pre-assembled carriers

C11.10.Bi.01.P



*For unsupported and gliding applications

Installation dimensions

	Unsupported length	≤ 0.5m	Speed / acceleration FL _c	≤ 3 [m/s] / 8 [m/s ²]
	Sliding length	Inapplicable	Speed / acceleration FL _s	≤ 2 [m/s] / 4 [m/s ²]
	Vertical hanging	≤ 5m	Sliding speed / acceleration	Inapplicable
	Vertical standing	≤ 0.5m	Permitted temperature	-40°C ~120°C
	Side-unsupported length	≤ 0.5m	Flammability Class	UL94 V2

Order code for pre-assembled cable carriers

Body					Optional
C11.10.10.018.020.					A1
Carrier series	Inner height	Inner width	Bend radius	Link quantity	Mounting bracket installation type

C21 Micro cable carriers, openable along the outer radius

C21 micro cable carriers are openable along the outer radius, two pieces and small design carriers with low weight, making them ideal for highly dynamic applications and cables filled quickly. C21 micro cable carriers are optimal for the smallest installation spaces, and are available in many versions.



Openable along the outer radius

Inner height from 15mm to 20mm,
Inner width from 16mm to 50mm

Two-pieces design,
Openable along the outer radius

Small pitch for low-noise
Smooth running

With tiewrap plates are available

Smallest bend radius



Flammability Class
UL94 HB



CE Compliance European



RoHS certification





Low-noise



Electrically conductive ESD/ATEX version C21E upon request

Standard dimensions

Micro cable carriers, openable along the outer radius	Part No.	Bi	Ba	Hi	Ha	R	Unsupported length [m]	Page
		Inner width [mm]	Outer width [mm]	Inner height [mm]	Outer height [mm]	Bend radius [mm]		
	C21.15	16-40	24.2-48.2	14.3	19.3	28-48	≤0.7	P40
	C21.20	25-50	36-61	20	25	28-48	≤0.7	P42

Installation



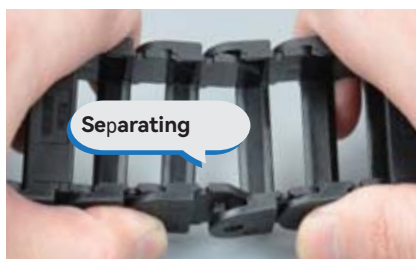
Push and click



Position and...



Press and click



Release links

Typical Applicable Industries and Applications

- General machinery
- Handling machines
- Semi-conductor machines
- Measuring equipment
- Pick & place robots
- Medical industries
- Packaging machines
- Textile machines

C21.15 Micro cable carriers, openable along the outer radius



C21.15

DURAMOV®

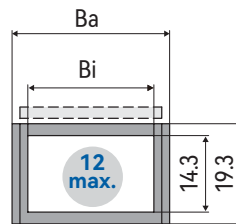
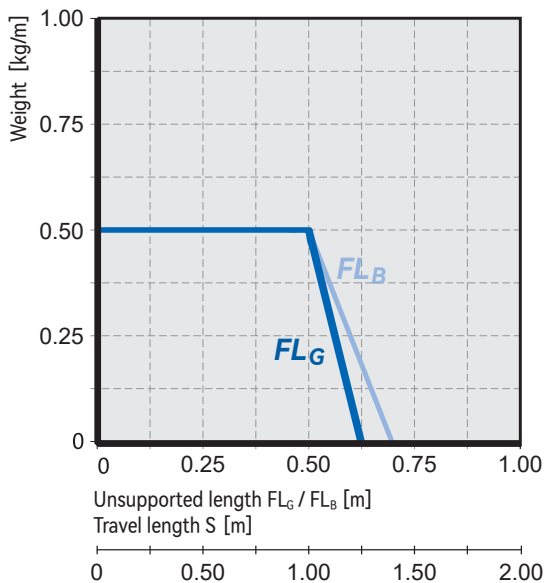
www.csb-ep.com
sales@csb-ep.com

Tel: 0086 573 84187009

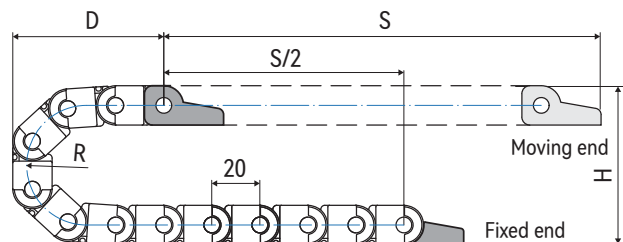
Standard dimensions

Part No.	Bi Inner width [mm]	Ba Outer width [mm]	Hi Inner height [mm]	Ha Outer height [mm]	R Bend radius [mm]			Weight [kg/m]
C21.15.16.R	16	24.2	14.3	19.3	028	038	048	0.24
C21.15.20.R	20	28.2	14.3	19.3	028	038	048	0.25
C21.15.30.R	30	38.2	14.3	19.3	028	038	048	0.28
C21.15.40.R	40	48.2	14.3	19.3	028	038	048	0.31

Installation dimensions



Inner height Bi: 14.3mm
Link pitch T: 20mm
Link quantity: 50pcs/m
Clearance height H_F: H+15mm
Carrier length: S/2+K

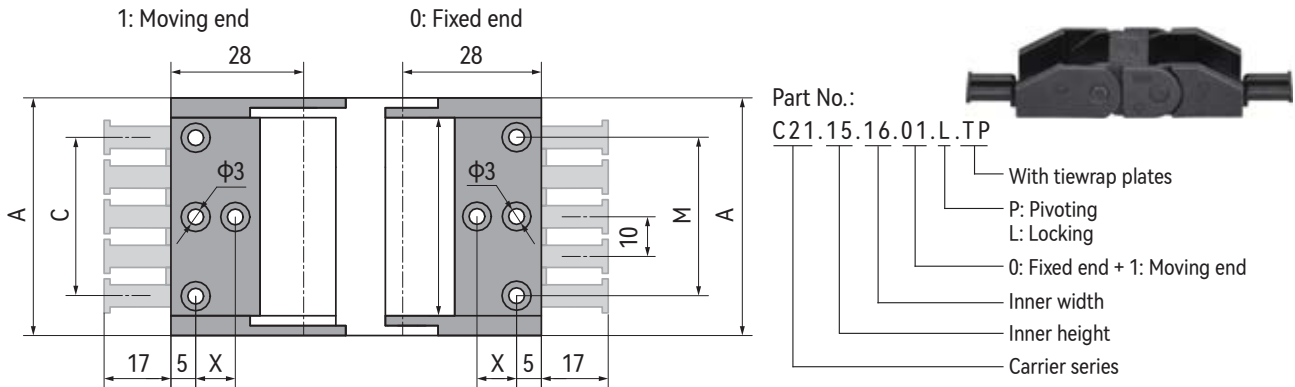


*Please consult CSB® if space is particularly restricted.

R	028	038	048
H	75	95	115
D	68	78	88
K	130	160	195

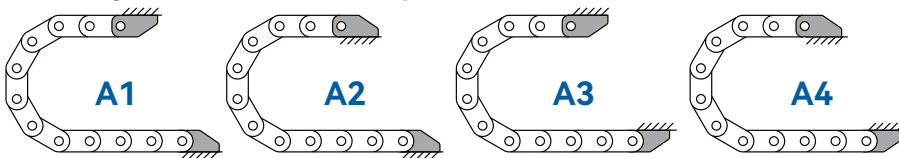
The required clearance height: H_F=H+15mm (Fill weight 0.3kg/m)

Mounting brackets



Without tiwrap plates (Locking)	With tiwrap plates (Locking)	Without tiwrap plates (Pivoting)	With tiwrap plates (Pivoting)	Inner width Bi [mm]	A [mm]	X [mm]	M [mm]	C [mm]	Number of teeth [pcs]
C21.15.16.01.L	C21.15.16.01.L.TP	C21.15.16.01.P	C21.15.16.01.P.TP	16	24.2	8	/	10	2
C21.15.20.01.L	C21.15.20.01.L.TP	C21.15.20.01.P	C21.15.20.01.P.TP	20	28.2	8	/	10	2
C21.15.30.01.L	C21.15.30.01.L.TP	C21.15.30.01.P	C21.15.30.01.P.TP	30	38.2	8	22	20	3
C21.15.40.01.L	C21.15.40.01.L.TP	C21.15.40.01.P	C21.15.40.01.P.TP	40	48.2	8	32	30	4

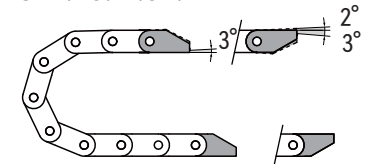
Mounting bracket installation optional



*C21.15 Possible installation configurations

*A1|A2|A3|A4 Please indicate installation code for pre-assembled carriers

C21.15.Bi.01.P



*For unsupported and gliding applications

Installation dimensions

	Unsupported length	≤ 0.7m	Speed / acceleration FL _G	≤ 3 [m/s] / 8 [m/s ²]
	Sliding length	Inapplicable	Speed / acceleration FL _B	≤ 2 [m/s] / 4 [m/s ²]
	Vertical hanging	≤ 5m	Sliding speed / acceleration	Inapplicable
	Vertical standing	≤ 0.5m	Permitted temperature	-40°C ~120°C
	Side-unsupported length	≤ 0.5m	Flammability Class	UL94 HB

Order code for pre-assembled cable carriers

Body					Optional
C21 . 15 . 16 . 028 . 020 .					A1
Carrier series	Inner height	Inner width	Bend radius	Link quantity	Mounting bracket installation type

C21.20 Micro cable carriers, openable along the outer radius



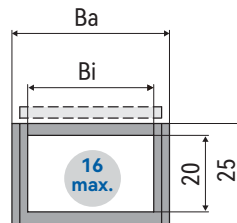
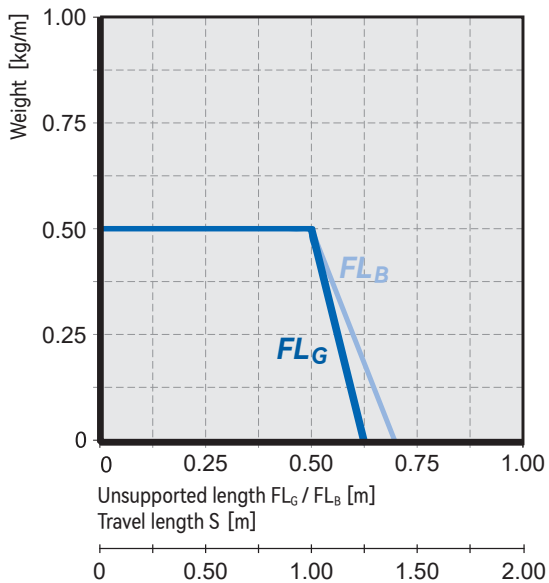
C21.20

DURAMOV®

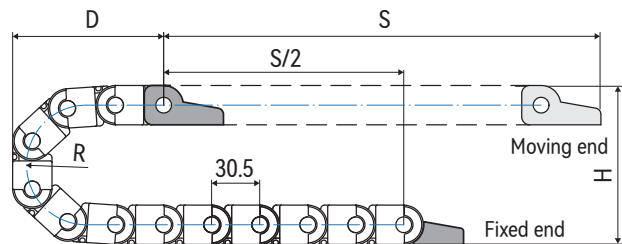
Standard dimensions

Part No.	Bi Inner width [mm]	Ba Outer width [mm]	Hi Inner height [mm]	Ha Outer height [mm]	R Bend radius [mm]			Weight [kg/m]
C21.20.25.R	25	36	20	25	028	038	048	0.32
C21.20.38.R	38	49	20	25	028	038	048	0.40
C21.20.50.R	50	61	20	25	028	038	048	0.41

Installation dimensions



Inner height Bi: 20mm
 Link pitch T: 30.5mm
 Link quantity: 33pcs/m
 Clearance height H_F: H+20mm
 Carrier length: S/2+K

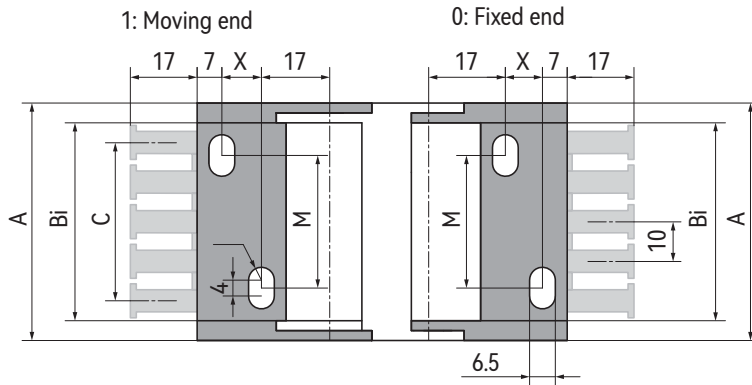


*Please consult CSB® if space is particularly restricted.

R	028	038	048
H	81	101	121
D	86	96	106
K	150	185	215

The required clearance height: H_F=H+20mm (Fill weight 0.3kg/m)

Mounting brackets



Part No.:

C21.20.25.01.L.TP


With tiewrap plates

P: Pivoting

L: Locking

0: Fixed end + 1: Moving end

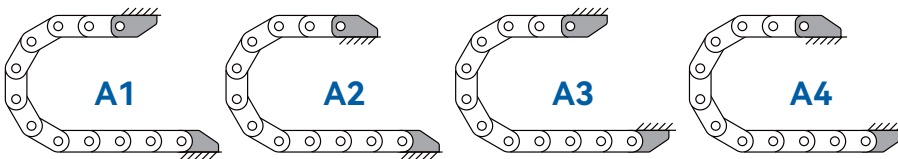
Inner width

Inner height

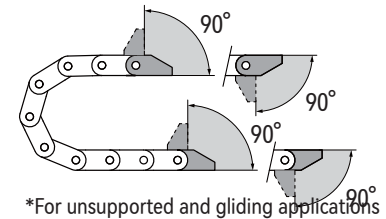
Carrier series

Without tiewrap plates (Locking)	With tiewrap plates (Locking)	Without tiewrap plates (Pivoting)	With tiewrap plates (Pivoting)	Inner width Bi [mm]	A [mm]	X [mm]	M [mm]	C [mm]	Number of teeth [pcs]
C21.20.25.01.L	C21.20.25.01.L.TP	C21.20.25.01.P	C21.20.25.01.P.TP	25	36.3	14	10	20	3
C21.20.38.01.L	C21.20.38.01.L.TP	C21.20.38.01.P	C21.20.38.01.P.TP	38	49.3	14	23	30	4
C21.20.50.01.L	C21.20.50.01.L.TP	C21.20.50.01.P	C21.20.50.01.P.TP	50	61.3	14	35	40	5

Mounting bracket installation optional



C21.20.Bi.01.P



*C21.20 Possible installation configurations

*A1|A2|A3|A4 Please indicate installation code for pre-assembled carriers

*For unsupported and gliding applications

Installation dimensions

	Unsupported length	≤ 0.7m	Speed / acceleration FL _C	≤ 3 [m/s] / 8 [m/s ²]
	Sliding length	Inapplicable	Speed / acceleration FL _B	≤ 2 [m/s] / 4 [m/s ²]
	Vertical hanging	≤ 5m	Sliding speed / acceleration	Inapplicable
	Vertical standing	≤ 0.5m	Permitted temperature	-40°C ~120°C
	Side-unsupported length	≤ 0.5m	Flammability Class	UL94 HB

Order code for pre-assembled cable carriers

Body					Optional
C21 . 20 . 25 . 028 . 020 .					A1
Carrier series	Inner height	Inner width	Bend radius	Link quantity	Mounting bracket installation type

C31 Micro cable carriers, openable along one side

C31 micro cable carriers are openable along the outer radius or inner radius, strong and multi-opening method design, Suitable for highly dynamic applications and cables filled quickly. C31 micro cable carriers are optimal for the smallest installation spaces, and are available in many versions.



Openable along the outer radius or inner radius

Inner height from 10mm to 20mm,
Inner width from 10mm to 50mm

Two-pieces design, Openable along the
outer radius or inner radius

Small pitch for low-noise
Smooth running

With tiewrap plates are available

Quick flange optional

Smallest bend radius



Flammability Class
UL94 HB



CE Compliance European



RoHS certification



Low-noise



Electrically conductive ESD/ATEX version C31E upon request

Standard dimensions

Micro cable carriers, openable along one side	Part No.	Bi	Ba	Hi	Ha	R	Unsupported length [m]	Page
		Inner width [mm]	Outer width [mm]	Inner height [mm]	Outer height [mm]	Bend radius [mm]		
	C31.10	10-30	17.4-37.4	10	15	18-38	≤0.7	P46
	C31.15	16-50	23.8-57.8	15	19.3	28-48	≤1	P48
	C31.20	25-50	36-61	20	25	28-48	≤1	P50

Installation



Push and click



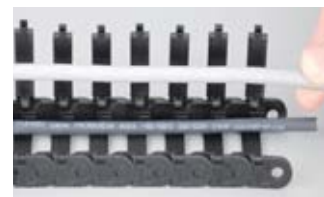
Position and...

Normal



Position and...

Optional



Press and click



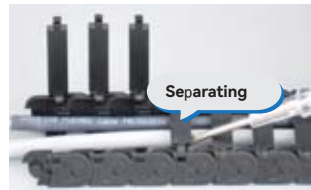
Press and click

Normal



Press and click

Optional



Release links

Separating

Typical Applicable Industries and Applications

- General machinery
- Handling machines
- Semi-conductor machines
- Measuring equipment
- Pick & place robots
- Medical industries
- Packaging machines
- Textile machines

C31.10 Micro cable carriers, openable along one side

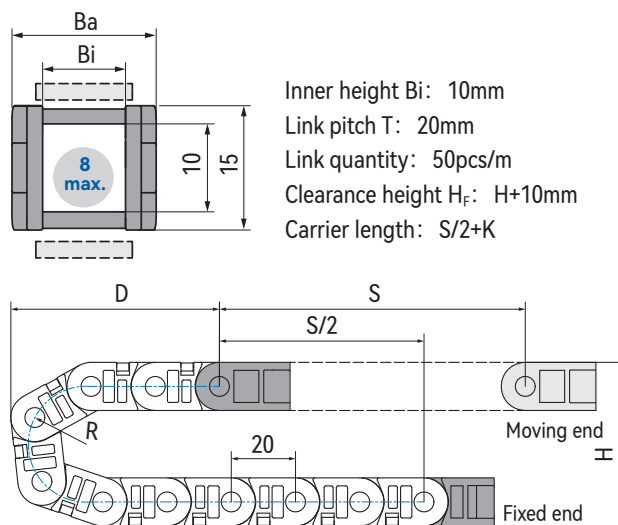
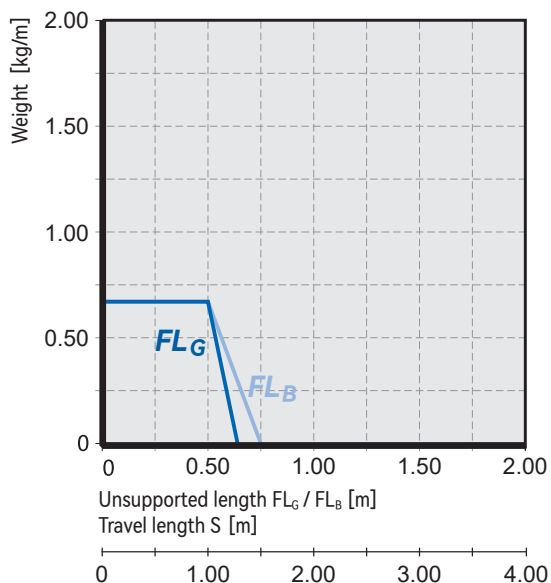


DURAMOV® C31.10

Standard dimensions

Part No.	Bi Inner width [mm]	Ba Outer width [mm]	Hi Inner height [mm]	Ha Outer height [mm]	R Bend radius [mm]			Weight [kg/m]
C31.10.10.R	10	17.4	10	15	018	028	038	0.14
C31.10.16.R	16	23.4	10	15	018	028	038	0.16
C31.10.20.R	20	27.4	10	15	018	028	038	0.17
C31.10.30.R	30	37.4	10	15	018	028	038	0.20

Installation dimensions

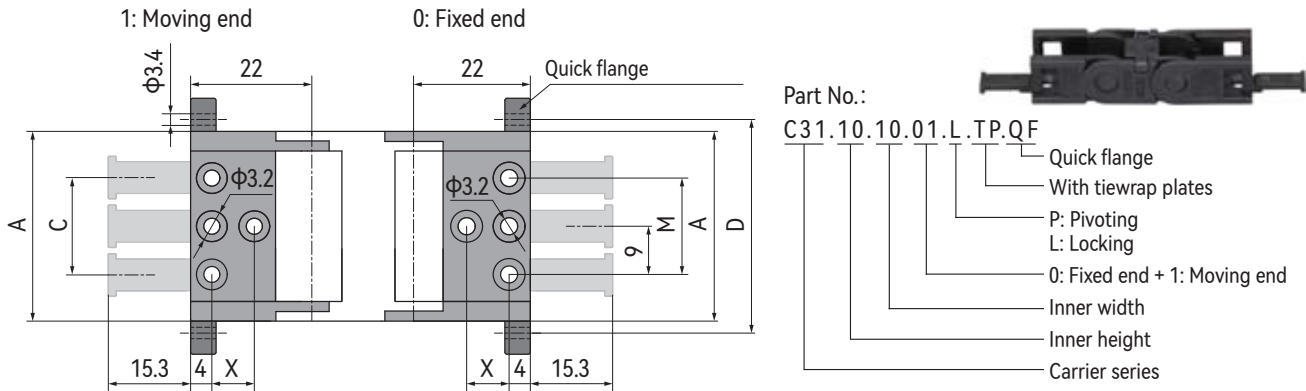


*Please consult CSB® if space is particularly restricted.

	018	028	038
R	18	28	38
H	51	71	91
D	56	66	76
K	100	130	160

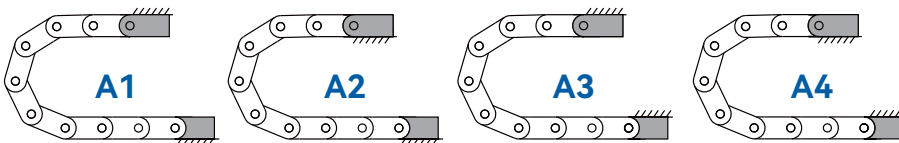
The required clearance height: $H_f=H+10$ mm (Fill weight 0.75kg/m)

Mounting brackets

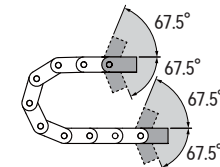


Without tiwrap plates (Locking)	With tiwrap plates (Locking)	Without tiwrap plates (Pivoting)	With tiwrap plates (Pivoting)	Inner width Bi [mm]	A [mm]	X [mm]	M [mm]	C [mm]	D [mm]	Number of teeth [pcs]
C31.10.10.01.L	C31.10.10.01.L.TP	C31.10.10.01.P	C31.10.10.01.P.TP	10	17.4	8	/	/	23	1
C31.10.16.01.L	C31.10.16.01.L.TP	C31.10.16.01.P	C31.10.16.01.P.TP	16	23.4	8	/	9	29	2
C31.10.20.01.L	C31.10.20.01.L.TP	C31.10.20.01.P	C31.10.20.01.P.TP	20	27.4	8	/	9	33	2
C31.10.30.01.L	C31.10.30.01.L.TP	C31.10.30.01.P	C31.10.30.01.P.TP	30	37.4	/	22	18	43	3

Mounting bracket installation optional



C31.10.Bi.01.P



*C31.10 Possible installation configurations

*A1|A2|A3|A4 Please indicate installation code for pre-assembled carriers

*For unsupported and gliding applications

Installation dimensions

	Unsupported length	≤ 0.7m	Speed / acceleration FL _G	≤ 3 [m/s] / 8 [m/s ²]
	Sliding length	Inapplicable	Speed / acceleration FL _B	≤ 2 [m/s] / 4 [m/s ²]
	Vertical hanging	≤ 5m	Sliding speed / acceleration	Inapplicable
	Vertical standing	≤ 0.5m	Permitted temperature	-40°C ~120°C
	Side-unsupported length	≤ 0.5m	Flammability Class	UL94 HB

Order code for pre-assembled cable carriers

Body					Optional	
C31.10.10.018.020.N/W.A1						
Carrier series	Inner height	Inner width	Bend radius	Link quantity	Open direction	Mounting bracket installation type
					1	

1 N: Openable along the inner radius
W: Openable along the outer radius

C31.15 Micro cable carriers, openable along one side



C31.15

DURAMOV®

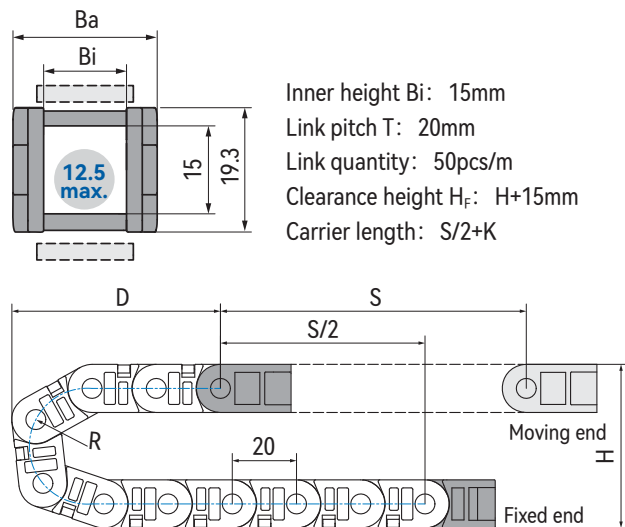
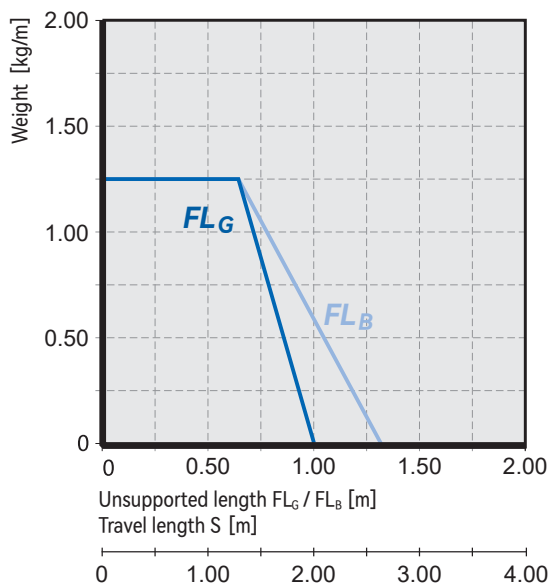
www.csb-ep.com
sales@csb-ep.com

Tel: 0086 573 84187009

Standard dimensions

Part No.	Bi Inner width [mm]	Ba Outer width [mm]	Hi Inner height [mm]	Ha Outer height [mm]	R			重量 Weight [kg/m]
C31.15.16.R	16	23.8	15	19.3	028	038	048	0.20
C31.15.20.R	20	27.8	15	19.3	028	038	048	0.21
C31.15.30.R	30	37.8	15	19.3	028	038	048	0.24
C31.15.40.R	40	47.8	15	19.3	028	038	048	0.26
C31.15.50.R	50	57.8	15	19.3	028	038	048	0.29

Installation dimensions

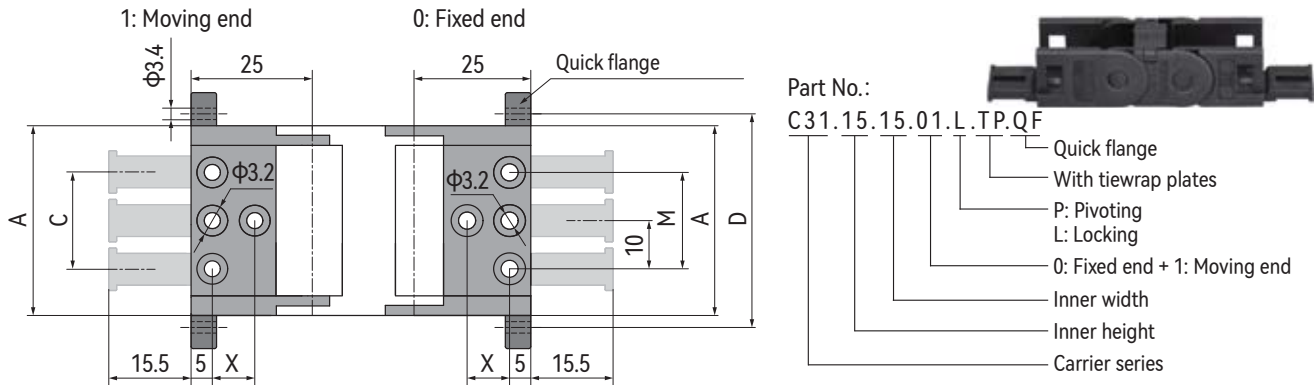


*Please consult CSB® if space is particularly restricted.

R	028	038	048
H	75	95	115
D	68	78	88
K	130	160	195

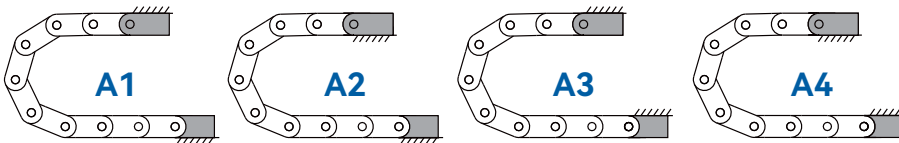
The required clearance height: $H_f=H+15$ mm (Fill weight 1.25kg/m)

Mounting brackets

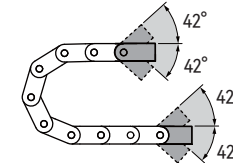


Without tiwrap plates (Locking)	With tiwrap plates (Locking)	Without tiwrap plates (Pivoting)	With tiwrap plates (Pivoting)	Inner width Bi [mm]	A [mm]	X [mm]	M [mm]	C [mm]	D [mm]	Number of teeth [pcs]
C31.15.16.01.L	C31.15.16.01.L.TP	C31.15.16.01.P	C31.15.16.01.P.TP	16	23.8	8	/	10	29	2
C31.15.20.01.L	C31.15.20.01.L.TP	C31.15.20.01.P	C31.15.20.01.P.TP	20	27.8	8	/	10	33	2
C31.15.30.01.L	C31.15.30.01.L.TP	C31.15.30.01.P	C31.15.30.01.P.TP	30	37.8	/	22	20	43	3
C31.15.40.01.L	C31.15.40.01.L.TP	C31.15.40.01.P	C31.15.40.01.P.TP	40	47.8	/	32	30	53	4
C31.15.50.01.L	C31.15.50.01.L.TP	C31.15.50.01.P	C31.15.50.01.P.TP	50	57.8	/	42	40	63	5

Mounting bracket installation optional



C31.15.Bi.01.P



*C31.15 Possible installation configurations

*A1|A2|A3|A4 Please indicate installation code for pre-assembled carriers

*For unsupported and gliding applications

Installation dimensions

	Unsupported length	≤ 1m	Speed / acceleration FL _G	≤ 3 [m/s] / 8 [m/s ²]
	Sliding length	Inapplicable	Speed / acceleration FL _B	≤ 2 [m/s] / 4 [m/s ²]
	Vertical hanging	≤ 5m	Sliding speed / acceleration	Inapplicable
	Vertical standing	≤ 0.5m	Permitted temperature	-40°C ~120°C
	Side-unsupported length	≤ 0.5m	Flammability Class	UL94 HB

Order code for pre-assembled cable carriers

Body					Optional	
C31.15.16.028.020.N/W.A1						
Carrier series	Inner height	Inner width	Bend radius	Link quantity	Open direction	Mounting bracket installation type
					1	

1 N: Openable along the inner radius
W: Openable along the outer radius

C31.20 Micro cable carriers, openable along one side



C31.20

DURAMOV®

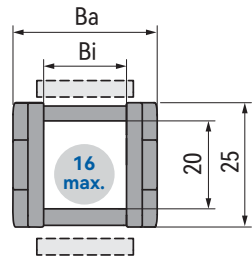
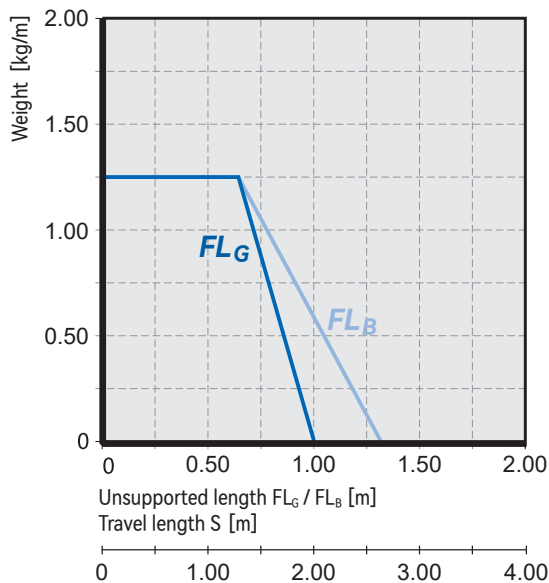
www.csb-ep.com
sales@csb-ep.com

Tel: 0086 573 84187009

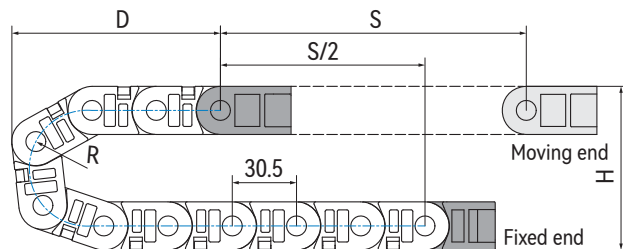
Standard dimensions

Part No.	Bi Inner width [mm]	Ba Outer width [mm]	Hi Inner height [mm]	Ha Outer height [mm]	R			Weight [kg/m]
C31.20.25.R	25	36	20	25	028	038	048	0.31
C31.20.38.R	38	49	20	25	028	038	048	0.32
C31.20.50.R	50	61	20	25	028	038	048	0.33

Installation dimensions



Inner height Bi: 20mm
Link pitch T: 30.5mm
Link quantity: 33pcs/m
Clearance height H_f : $H+20$ mm
Carrier length: $S/2+K$

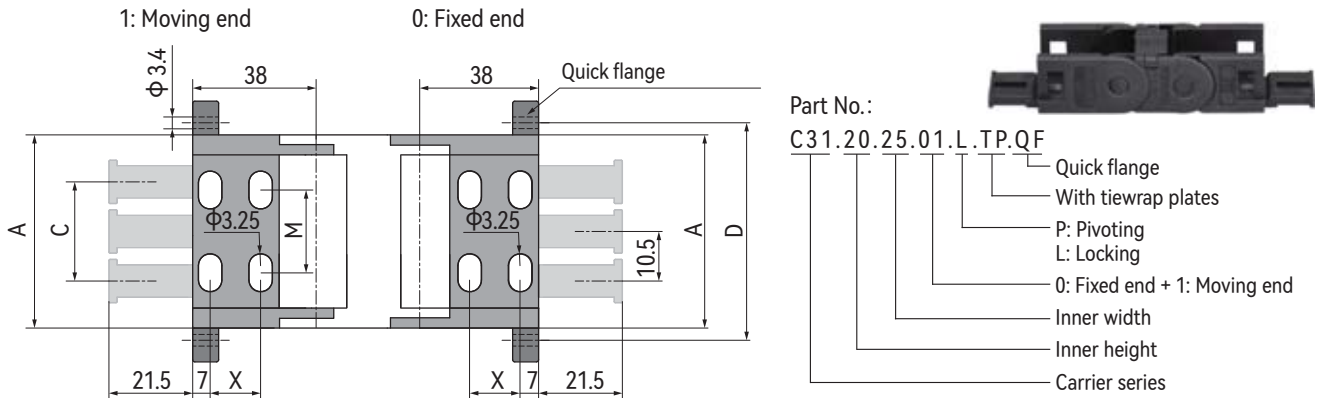


*Please consult CSB® if space is particularly restricted.

R	028	038	048
H	81	101	121
D	86	96	106
K	150	185	215

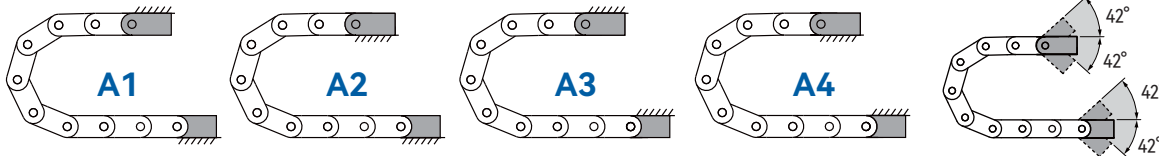
The required clearance height: $H_f=H+20$ mm (Fill weight 1.25kg/m)

Mounting brackets



Without tiewrap plates (Locking)	With tiewrap plates (Locking)	Without tiewrap plates (Pivoting)	With tiewrap plates (Pivoting)	Inner width Bi [mm]	A [mm]	X [mm]	M [mm]	C [mm]	D [mm]	Number of teeth [pcs]
C31.20.20.01.L	C31.20.20.01.L.TP	C31.20.20.01.P	C31.20.20.01.P.TP	20	31.3	14	5	10.5	36.9	2
C31.20.25.01.L	C31.20.25.01.L.TP	C31.20.25.01.P	C31.20.25.01.P.TP	25	36.3	14	10	21	41.9	3
C31.20.38.01.L	C31.20.38.01.L.TP	C31.20.38.01.P	C31.20.38.01.P.TP	38	49.3	14	23	31.5	54.9	4
C31.20.50.01.L	C31.20.50.01.L.TP	C31.20.50.01.P	C31.20.50.01.P.TP	50	61.3	14	35	42	66.9	5

Mounting bracket installation optional



*C31.20 Possible installation configurations

*A1|A2|A3|A4 Please indicate installation code for pre-assembled carriers

*For unsupported and gliding applications

Installation dimensions

	Unsupported length	≤ 1m	Speed / acceleration FL _c	≤ 3 [m/s] / 8 [m/s ²]
	Sliding length	Inapplicable	Speed / acceleration FL _b	≤ 2 [m/s] / 4 [m/s ²]
	Vertical hanging	≤ 5m	Sliding speed / acceleration	Inapplicable
	Vertical standing	≤ 0.5m	Permitted temperature	-40°C ~120°C
	Side-unsupported length	≤ 0.5m	Flammability Class	UL94 HB

Order code for pre-assembled cable carriers

Body					Optional	
C31.20.25.028.020.N/W.A1						
Carrier series	Inner height	Inner width	Bend radius	Link quantity	Open direction	Mounting bracket installation type
					1	

1 N: Openable along the inner radius
W: Openable along the outer radius

C02 Universal cable carriers

C02 universal cable carriers for a wide range of applications, easy and versatile assembly combined with ruggedness - high strength paired with quieter motion - long cable life and many mounting options.



Multiple opening methods

Large bore for fixing with bolts

Inner height from 18mm to 45mm,
Inner width from 38mm to 250mm

Special design for multiple
opening method

With separators are available

High strength and stability
connection design

With strain reliefs
are available



Flammability Class
UL94 HB



CE Compliance European



RoHS certification



Electrically conductive ESD/ATEX version C02E upon request

Standard dimensions

Universal cable carriers	Part No.	Bi	Ba	Hi	Ha	R	Unsupported length [m]	Page
		Inner width [mm]	Outer width [mm]	Inner height [mm]	Outer height [mm]	Bend radius [mm]		
	C02.18	38-125	54-141	18	28	38-150	≤1.8	P54
	C02.25	38-125	54-141	25	35	55-250	≤2.4	P57
	C02.35	50-150	66-166	35	50	63-250	≤2.8	P60
	C02.45	75-175	95-195	45	64	75-300	≤3.7	P63

Installation



Position and...



Push, click and snap in pin



Hinged crossbars



Swiveling crossbar to another side



Fast closing by a thumb

Typical Applicable Industries and Applications

- General machinery
- Construction machinery
- Printer and plotter
- Handling machines
- Plastic handling machines
- Semi-conductor machines
- Glass machines
- Limited long travel applications

C02.18 Universal cable carriers



C02.18

DURAMOV®

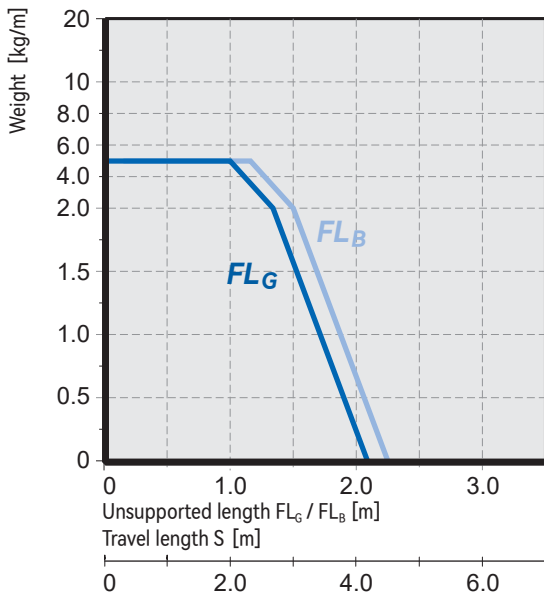
www.csb-ep.com
sales@csb-ep.com

Tel: 0086 573 84187009

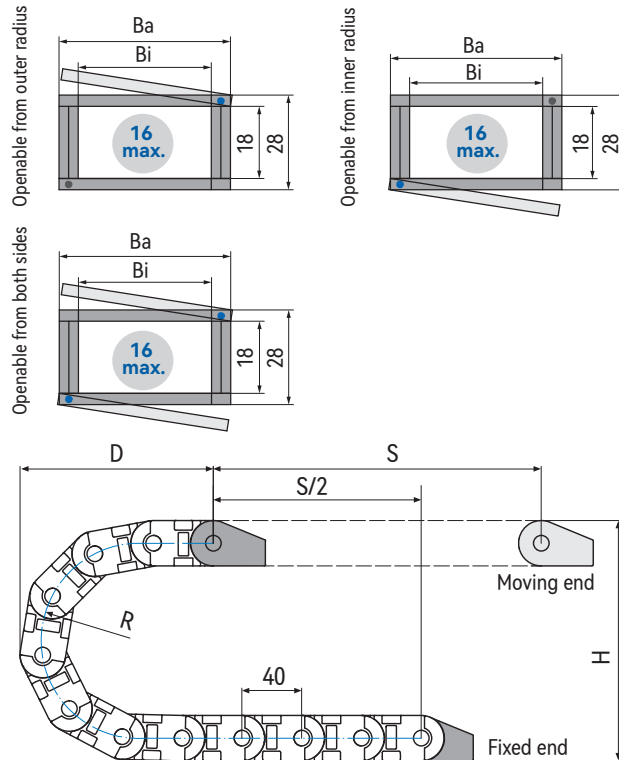
Standard dimensions

Part No.	Bi	Ba	Hi	Ha	R						Weight [kg/m]
	Inner width [mm]	Outer width [mm]	Inner height [mm]	Outer height [mm]	Bend radius [mm]						
C02.18.035.R	38	54	18	28	038	048	075	100	125	150	0.68
C02.18.045.R	48	64	18	28	038	048	075	100	125	150	0.73
C02.18.055.R	57	73	18	28	038	048	075	100	125	150	0.78
C02.18.065.R	67	83	18	28	038	048	075	100	125	150	0.83
C02.18.075.R	77	93	18	28	038	048	075	100	125	150	0.88
C02.18.085.R	87	103	18	28	038	048	075	100	125	150	0.93
C02.18.100.R	103	119	18	28	038	048	075	100	125	150	1.00
C02.18.125.R	125	141	18	28	038	048	075	100	125	150	1.13

Installation dimensions

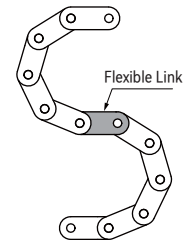


Inner height Bi : 18mm
 Link pitch T : 40mm
 Link quantity: 25pcs/m
 Clearance height H_f : $H+18$ mm
 Carrier length: $S/2+K$



*If the unsupported length is exceeded, the cable carrier must glide on itself. This requires a guide trough P116.

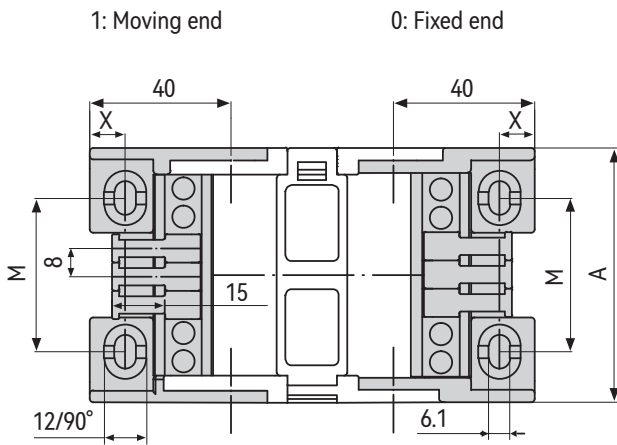
R	038	048	075	100	125	150
H	104	124	175	228	278	328
D	88	101	130	153	179	204
K	200	230	315	395	473	551



*S-shaped Standing

 The required clearance height: $H_f = H + 18\text{mm}$ (Fill weight 1.5kg/m)

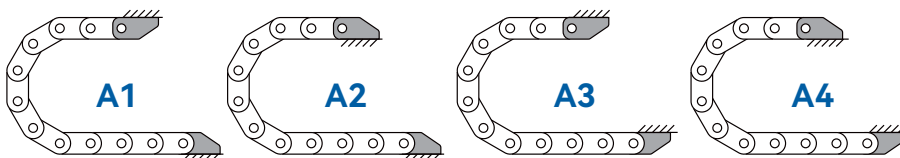
Mounting brackets


 Part No.:
C02.18.055.01.L.C.TE

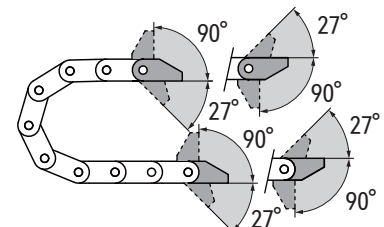

- Tiewrap elements
- C-profile supporter
- P: Pivoting
- L: Locking
- 0: Fixed end + 1: Moving end
- Inner width
- Inner height
- Carrier series

Part No. (Locking)	Part No. (Pivoting)	Inner width Bi [mm]	A [mm]	X [mm]	M [mm]	Tiewrap elements [pcs]
C02.18.035.01.L.C.TE	C02.18.035.01.PC.TE	38	54	9	24.5	4
C02.18.045.01.L.C.TE	C02.18.045.01.PC.TE	48	64	9	34.5	5
C02.18.055.01.L.C.TE	C02.18.055.01.PC.TE	57	73	9	43.5	6
C02.18.065.01.L.C.TE	C02.18.065.01.PC.TE	67	81	9	53.5	7
C02.18.075.01.L.C.TE	C02.18.075.01.PC.TE	77	93	9	63.5	9
C02.18.085.01.L.C.TE	C02.18.085.01.PC.TE	87	101	9	73.5	10
C02.18.100.01.L.C.TE	C02.18.100.01.PC.TE	103	119	9	89.5	12
C02.18.125.01.L.C.TE	C02.18.125.01.PC.TE	125	141	9	111.5	14

Mounting bracket installation optional



C02.18.Bi.01.PC


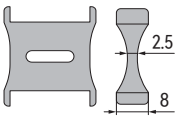



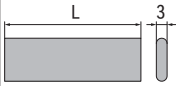


*C02.18 Possible installation configurations

*A1|A2|A3|A4 Please indicate installation code for pre-assembled carriers

*For unsupported and gliding applications

Accessories

		<p>C02 Vertical separators Part No.: SV.C02.18 *Product information: P120</p>	 <p>C02 C-profile brackets *Product information: P126</p>	 <p>C02 Tiewrap elements *Product information: P128</p>
		<p>Horizontal separators Part No.: SH.03.12.000 *Product information: P124</p>		

Installation dimensions

	Unsupported length	≤ 1.8m	Speed / acceleration FL _c	≤ 20 [m/s] / 200 [m/s ²]
	Sliding length	≤ 75m	Speed / acceleration FL _s	≤ 3 [m/s] / 6 [m/s ²]
	Vertical hanging	≤ 25m	Sliding speed / acceleration	≤ 10 [m/s] / 50 [m/s ²]
	Vertical standing	≤ 2.0m	Permitted temperature	-40°C ~120°C
	Side-unsupported length	≤ 1.0m	Flammability Class	UL94 HB

Order code for pre-assembled cable carriers

Body					Optional			Accessories	
C02 . 18 . 035 . 048 . 020					N/W . NC . A1			SV0203 . SH01	
Carrier series	Inner height	Inner width	Bend radius	Link quantity	Open direction	Without camber	Mounting bracket installation type	Vertical separators	Horizontal separators
					1	2		3	4

- 1 Blank: Openable along the both sides.
N: Only openable along the inner radius. W: Only openable along the outer radius.
- 2 Upon request for NC version without camber
- 3 SV0203: Install 3pcs vertical separators every other 2pcs blank links
- 4 SH01: Horizontal separator 1pc installed in the middle hole

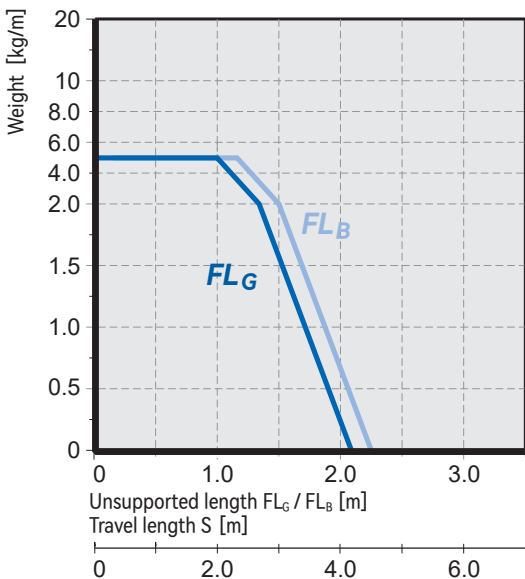
C02.25 Universal cable carriers



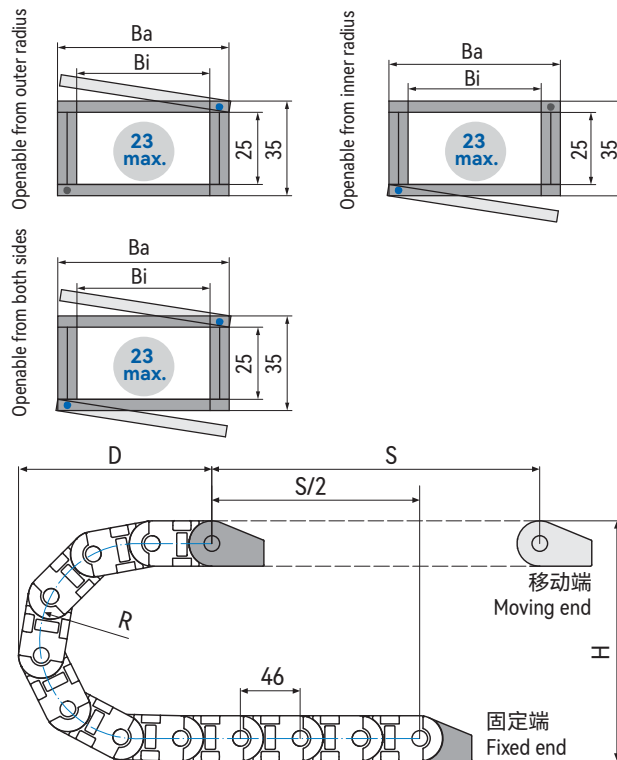
Standard dimensions

Part No.	Bi		Ba		Hi		Ha		R						Weight [kg/m]
	Inner width [mm]	Outer width [mm]	Inner height [mm]	Outer height [mm]	Bend radius [mm]										
C02.25.035.R	38	54	25	35	055	075	100	125	150	175	200	225	250	0.81	
C02.25.045.R	48	64	25	35	055	075	100	125	150	175	200	225	250	0.86	
C02.25.055.R	57	72	25	35	055	075	100	125	150	175	200	225	250	0.91	
C02.25.065.R	67	83	25	35	055	075	100	125	150	175	200	225	250	0.96	
C02.25.075.R	77	93	25	35	055	075	100	125	150	175	200	225	250	1.01	
C02.25.085.R	87	103	25	35	055	075	100	125	150	175	200	225	250	1.06	
C02.25.100.R	103	119	25	35	055	075	100	125	150	175	200	225	250	1.13	
C02.25.125.R	125	141	25	35	055	075	100	125	150	175	200	225	250	1.22	

Installation dimensions

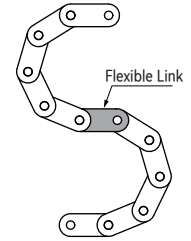


Inner height Bi : 25mm
 Link pitch T : 46mm
 Link quantity: 22pcs/m
 Clearance height H_f : $H+25$ mm
 Carrier length: $S/2+K$



*If the unsupported length is exceeded, the cable carrier must slide on itself. This requires a guide trough P116.

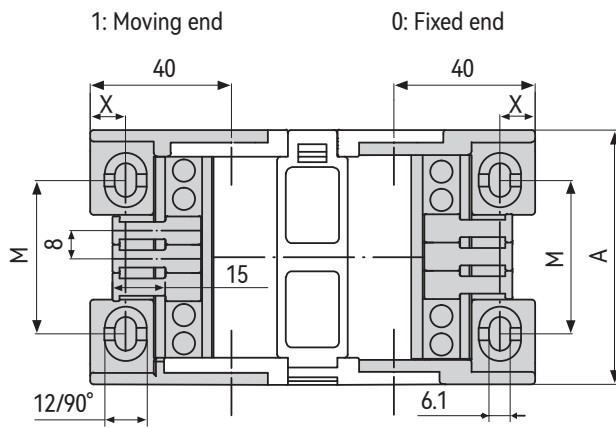
R	055	075	100	125	150	175	200	225	250
H	145	185	235	285	335	385	435	485	535
D	142	162	187	212	237	262	287	312	337
K	265	330	410	485	565	645	725	800	880



*S-shaped Standing

The required clearance height: $H_f = H + 25\text{mm}$ (Fill weight 1.5kg/m)

Mounting brackets

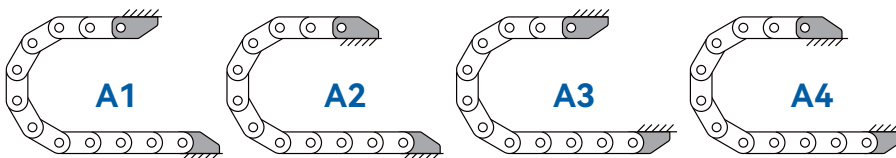


Part No.: C02.25.055.01.L.C.TE

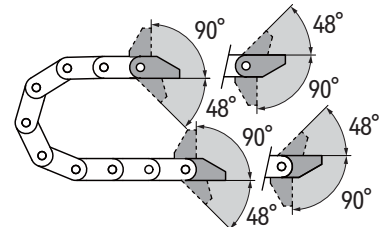
- Tiewrap elements
- C-profile supporter
- P: Pivoting
- L: Locking
- 0: Fixed end + 1: Moving end
- Inner width
- Inner height
- Carrier series

Part No. (Locking)	Part No. (Pivoting)	Inner width Bi [mm]	A [mm]	X [mm]	M [mm]	Tiewrap elements [pcs]
C02.25.035.01.L.C.TE	C02.25.035.01.PC.TE	38	55	10	25	4
C02.25.045.01.L.C.TE	C02.25.045.01.PC.TE	48	65	10	35	5
C02.25.055.01.L.C.TE	C02.25.055.01.PC.TE	57	74	10	44	7
C02.25.065.01.L.C.TE	C02.25.065.01.PC.TE	67	82	10	52	8
C02.25.075.01.L.C.TE	C02.25.075.01.PC.TE	77	94	10	64	9
C02.25.085.01.L.C.TE	C02.25.085.01.PC.TE	87	102	10	72	10
C02.25.100.01.L.C.TE	C02.25.100.01.PC.TE	103	120	10	90	12
C02.25.125.01.L.C.TE	C02.25.125.01.PC.TE	125	142	10	112	15

Mounting bracket installation optional



C02.25.Bi.01.PC





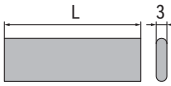


*C02.25 Possible installation configurations

*A1|A2|A3|A4 Please indicate installation code for pre-assembled carriers

*For unsupported and gliding applications

Accessories

		<p>C02 Vertical separators Part No.: SV.C02.25 *Product information: P120</p>	 <p>C02 C-profile brackets *Product information: P126</p>	 <p>C02 Tiewrap elements *Product information: P128</p>
		<p>Horizontal separators Part No.: SH.03.12.000 *Product information: P124</p>		

Installation dimensions

	Unsupported length ≤ 2.4m	Speed / acceleration FL _G ≤ 20 [m/s] / 200 [m/s ²]
	Sliding length ≤ 100m	Speed / acceleration FL _B ≤ 3 [m/s] / 6 [m/s ²]
	Vertical hanging ≤ 30m	Sliding speed / acceleration ≤ 10 [m/s] / 50 [m/s ²]
	Vertical standing ≤ 2.5m	Permitted temperature -40°C ~120°C
	Side-unsupported length ≤ 1.0m	Flammability Class UL94 HB

Order code for pre-assembled cable carriers

Body					Optional			Accessories	
C02 . 25 . 035 . 075 . 020 .					N/W . NC . A1 .			SV0203 . SH01	
Carrier series	Inner height	Inner width	Bend radius	Link quantity	Open direction	Without camber	Mounting bracket installation type	Vertical separators	Horizontal separators
					1	2		3	4

- 1 Blank: Openable along the both sides.
N: Only openable along the inner radius. W: Only openable along the outer radius.
- 2 Upon request for NC version without camper
- 3 SV0203: Install 3pcs vertical separators every other 2pcs blank links
- 4 SH01: Horizontal separator 1pc installed in the middle hole

C02.35 Universal cable carriers



C02.35

DURAMOV®

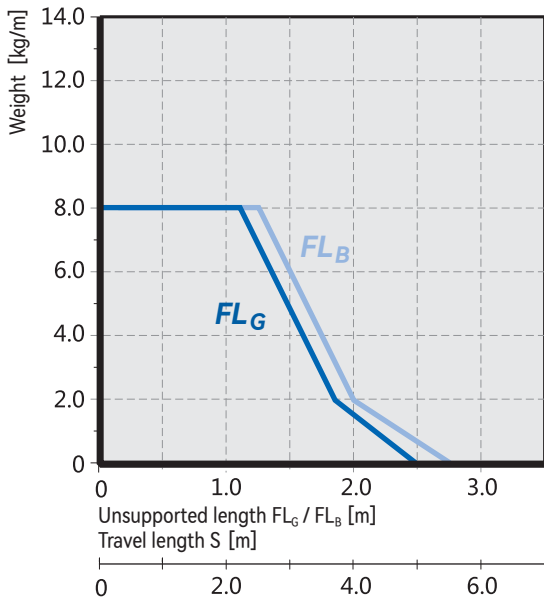
www.csb-ep.com
sales@csb-ep.com

Tel: 0086 573 84187009

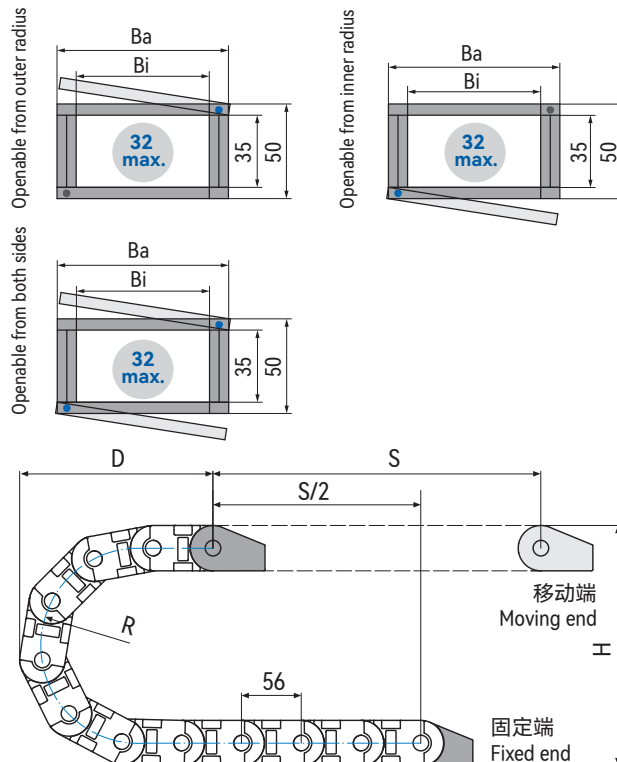
Standard dimensions

Part No.	Inner width		Outer width		Inner height		Outer height		Bend radius					Weight [kg/m]
	Bi	Ba	Hi	Ha	R									
C02.35.050.R	50	66	35	50	063	075	100	125	150	175	200	250	1.17	
C02.35.060.R	60	76	35	50	063	075	100	125	150	175	200	250	1.25	
C02.35.075.R	75	91	35	50	063	075	100	125	150	175	200	250	1.3	
C02.35.100.R	100	116	35	50	063	075	100	125	150	175	200	250	1.39	
C02.35.125.R	125	141	35	50	063	075	100	125	150	175	200	250	1.48	
C02.35.150.R	150	166	35	50	063	075	100	125	150	175	200	250	1.62	

Installation dimensions

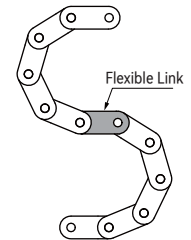


Inner height Bi : 35mm
 Link pitch T : 56mm
 Link quantity: 18pcs/m
 Clearance height H_f : $H+35$ mm
 Carrier length: $S/2+K$



*If the unsupported length is exceeded, the cable carrier must glide on itself. This requires a guide trough P116.

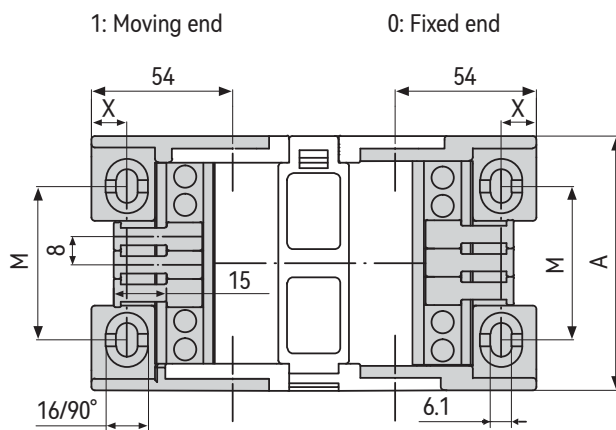
R	063	075	100	125	150	175	200	250
H	176	200	250	300	350	400	450	550
D	172	184	209	234	259	284	309	359
K	310	350	430	505	585	665	745	900



*S-shaped Standing

 The required clearance height: $H_f = H + 35\text{mm}$ (Fill weight 1.5kg/m)

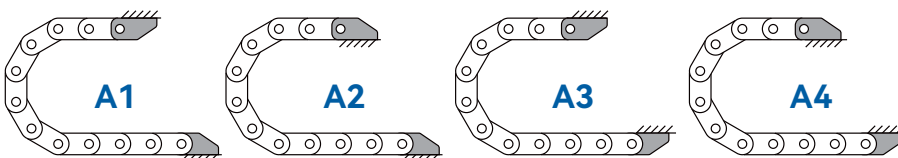
Mounting brackets


 Part No.:
C02.35.050.01.L.C.TE

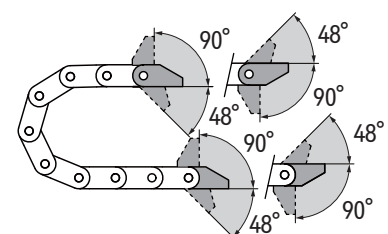
- Tiewrap elements
- C-profile supporter
- P: Pivoting
- L: Locking
- 0: Fixed end + 1: Moving end
- Inner width
- Inner height
- Carrier series

Part No. (Locking)	Part No. (Pivoting)	Inner width Bi [mm]	A [mm]	X [mm]	M [mm]	Tiewrap elements [pcs]
C02.35.050.01.L.C.TE	C02.35.050.01.PC.TE	50	68	17	30	5
C02.35.060.01.L.C.TE	C02.35.060.01.PC.TE	60	78	17	40	6
C02.35.075.01.L.C.TE	C02.35.075.01.PC.TE	75	93	17	55	8
C02.35.100.01.L.C.TE	C02.35.100.01.PC.TE	100	116	17	80	11
C02.35.125.01.L.C.TE	C02.35.125.01.PC.TE	125	143	17	105	14
C02.35.150.01.L.C.TE	C02.35.150.01.PC.TE	150	168	17	130	17

Mounting bracket installation optional



C02.35.Bi.01.PC



*C02.35 Possible installation configurations

*A1|A2|A3|A4 Please indicate installation code for pre-assembled carriers

*For unsupported and gliding applications

Accessories

		<p>C02 Vertical separators</p> <p>Part No.: SV.C02.35</p> <p>*Product information: P120</p>		<p>C02 C-profile brackets</p> <p>*Product information: P126</p>		<p>C02 Tiewrap elements</p> <p>*Product information: P128</p>
		<p>Horizontal separators</p> <p>Part No.: SH.03.12.000</p> <p>*Product information: P124</p>		<p>Bellows expansion brackets</p> <p>*Product information: P133</p>		

Installation dimensions

	Unsupported length	≤ 2.8m	Speed / acceleration FL ₆	≤ 20 [m/s] / 200 [m/s ²]
	Sliding length	≤ 120m	Speed / acceleration FL ₈	≤ 3 [m/s] / 6 [m/s ²]
	Vertical hanging	≤ 40m	Sliding speed / acceleration	≤ 10 [m/s] / 50 [m/s ²]
	Vertical standing	≤ 3.0m	Permitted temperature	-40°C ~120°C
	Side-unsupported length	≤ 1.5m	Flammability Class	UL94 HB

Order code for pre-assembled cable carriers

Body					Optional			Accessories	
C02 . 35 . 075 . 075 . 020					. N/W . NC . A1			. SV0203 . SH01	
Carrier series	Inner height	Inner width	Bend radius	Link quantity	Open direction	Without camber	Mounting bracket installation type	Vertical separators	Horizontal separators
					1	2		3	4

- 1 Blank: Openable along the both sides.
N: Onlyopenable along the inner radius. W: Only openable along the outer radius.
- 2 Upon request for NC version without camper
- 3 SV0203: Install 3pcs vertical separators every other 2pcs blank links
- 4 SH01: Horizontal separator 1pc installed in the middle hole

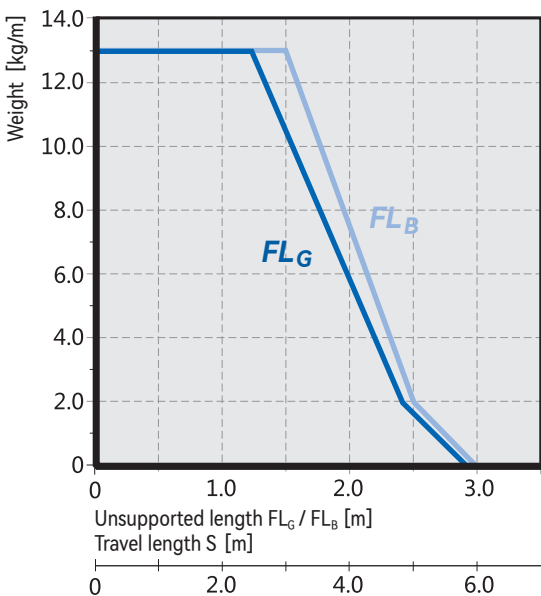
C02.45 Universal cable carriers



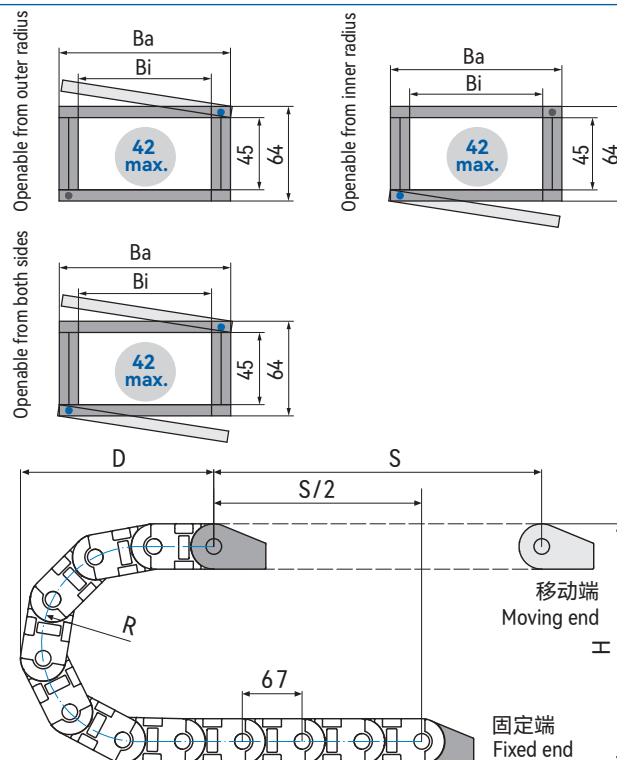
Standard dimensions

Part No.	Bi	Ba	Hi	Ha	R						Weight [kg/m]	
	Inner width [mm]	Outer width [mm]	Inner height [mm]	Outer height [mm]	Bend radius [mm]							
C02.45.075.R	75	95	45	64	075	100	125	150	200	250	300	1.79
C02.45.080.R	80	100	45	64	075	100	125	150	200	250	300	1.84
C02.45.100.R	100	120	45	64	075	100	125	150	200	250	300	1.93
C02.45.125.R	125	145	45	64	075	100	125	150	200	250	300	2.03
C02.45.150.R	150	170	45	64	075	100	125	150	200	250	300	2.17
C02.45.175.R	175	195	45	64	075	100	125	150	200	250	300	2.28

Installation dimensions

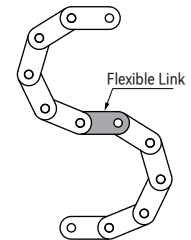


Inner height Bi: 45mm
 Link pitch T: 67mm
 Link quantity: 15pcs/m
 Clearance height H_F: H+40mm
 Carrier length: S/2+K



*If the unsupported length is exceeded, the cable carrier must slide on itself. This requires a guide trough P116.

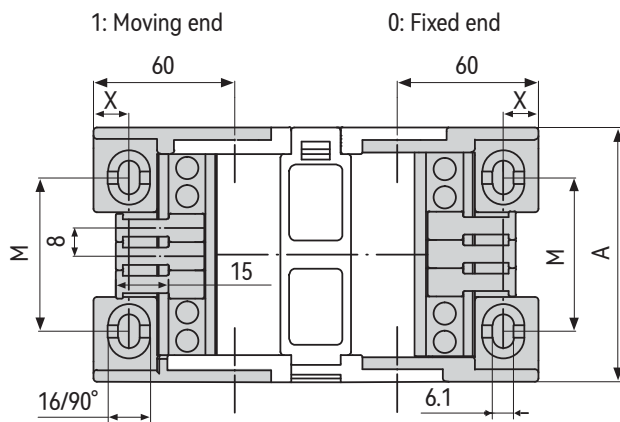
R	075	100	125	150	200	250	300
H	214	264	314	364	464	564	664
D	208	233	258	283	333	383	433
K	370	450	530	610	765	920	1080



*S-shaped Standing

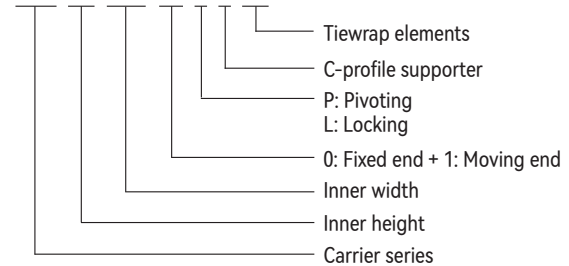
The required clearance height: $H_f = H + 40\text{mm}$ (Fill weight 1.5kg/m)

Mounting brackets



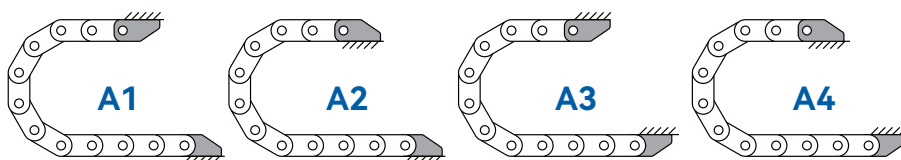
Part No.:

C02.45.075.01.L.C.TE

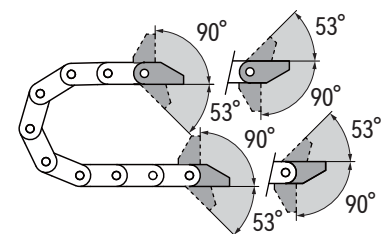


Part No. (Locking)	Part No. (Pivoting)	Inner width Bi [mm]	A [mm]	X [mm]	M [mm]	Tiewrap elements [pcs]
C02.45.075.01.L.C.TE	C02.45.075.01.PC.TE	75	95	20	53	8
C02.45.080.01.L.C.TE	C02.45.080.01.PC.TE	80	100	20	58	9
C02.45.100.01.L.C.TE	C02.45.100.01.PC.TE	100	120	20	78	11
C02.45.125.01.L.C.TE	C02.45.125.01.PC.TE	125	145	20	103	14
C02.45.150.01.L.C.TE	C02.45.150.01.PC.TE	150	170	20	128	17
C02.45.175.01.L.C.TE	C02.45.175.01.PC.TE	175	195	20	153	21

Mounting bracket installation optional



C02.45.Bi.01.PC


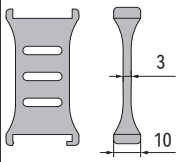




*C02.45 Possible installation configurations

*A1|A2|A3|A4 Please indicate installation code for pre-assembled carriers

*For unsupported and gliding applications

Accessories

		<p>C02 Vertical separators Part No.: SV.C02.45 *Product information: P120</p>	 <p>C02 C-profile brackets *Product information: P126</p>	 <p>C02 Tiewrap elements *Product information: P128</p>
		<p>Horizontal separators Part No.: SH.03.12.000 *Product information: P124</p>	 <p>Bellows expansion brackets *Product information: P133</p>	

Installation dimensions

	Unsupported length ≤ 3.7m	Speed / acceleration FL ₆ ≤ 20 [m/s] / 200 [m/s ²]
	Sliding length ≤ 150m	Speed / acceleration FL ₈ ≤ 3 [m/s] / 6 [m/s ²]
	Vertical hanging ≤ 50m	Sliding speed / acceleration ≤ 10 [m/s] / 50 [m/s ²]
	Vertical standing ≤ 4.5m	Permitted temperature -40°C ~120°C
	Side-unsupported length ≤ 2.5m	Flammability Class UL94 HB

Order code for pre-assembled cable carriers

Body					Optional			Accessories	
C02 . 45 . 075 . 100 . 020					N/W . NC . A1			SV0203 . SH01	
Carrier series	Inner height	Inner width	Bend radius	Link quantity	Open direction 1	Without camber 2	Mounting bracket installation type	Vertical separators 3	Horizontal separators 4

- 1** Blank: Openable along the both sides.
N: Only openable along the inner radius. W: Only openable along the outer radius.
- 2** Upon request for NC version without camber
- 3** SV0203: Install 3pcs vertical separators every other 2pcs blank links
- 4** SH01: Horizontal separator 1pc installed in the middle hole

C03 High load cable carriers

C03 high load cable carriers combines all the advantages of the previous versions and is the best DURAMOV® carriers in the product range. C03 cable carriers is stronger whilst having the same or even smaller dimensions than previous versions. You can increase the service life of your application with C03 cable carriers whilst reducing cost.



Openable from both sides

Multiple fixing directions

With separators are available

Inner height from 32mm to 80mm
Inner width from 50mm to 250mm

Openable from both sides

High strength and stability
connection design

With strain reliefs or
cable clamps

Sliding pads for
draging application



Flammability Class
UL94 HB



CE Compliance European



RoHS certification



Electrically conductive ESD/ATEX version C03E upon request

Standard dimensions

High load cable carriers	Part No.	Bi	Ba	Hi	Ha	R	Unsupported length [m]	Page
		Inner width [mm]	Outer width [mm]	Inner height [mm]	Outer height [mm]	Bend radius [mm]		
	C03.32	50-200	73-223	32	54	63-300	≤3.0	P68
	C03.42	50-200	76-226	42	64	75-350	≤4.2	P71
	C03.56	100-200	134-234	56	84	135-500	≤5.0	P74
	C03.80	100-200	148-248	80	108	150-500	≤5.8	P77

Installation



Line up two inner side links side by side.
Attach an outer side link between



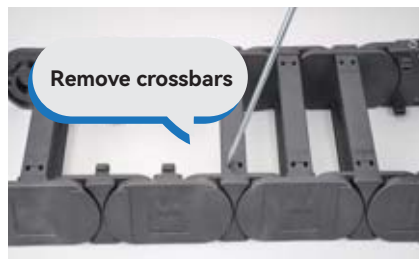
Push, click and snap in pin



Assemble crossbars - push down and snap from one side



Press crossbar and snap in place



Remove crossbars
Insert screwdriver into the slot. Using a lever action, release the crossbars

Typical Applicable Industries and Applications

- Lift plats & cranes
- General mechanical
- Handling machines
- Refrigeration engineering
- Construction machinery
- Woodworking machines
- Stone cutting machines
- Long travel and sliding applications

C03.32 High load cable carriers



C03.32

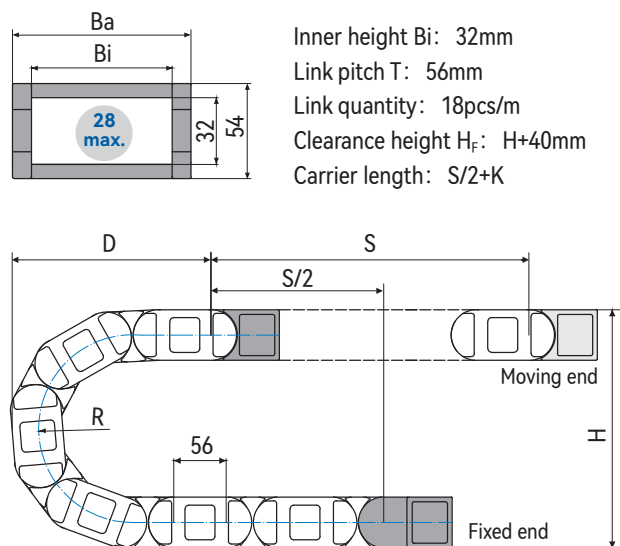
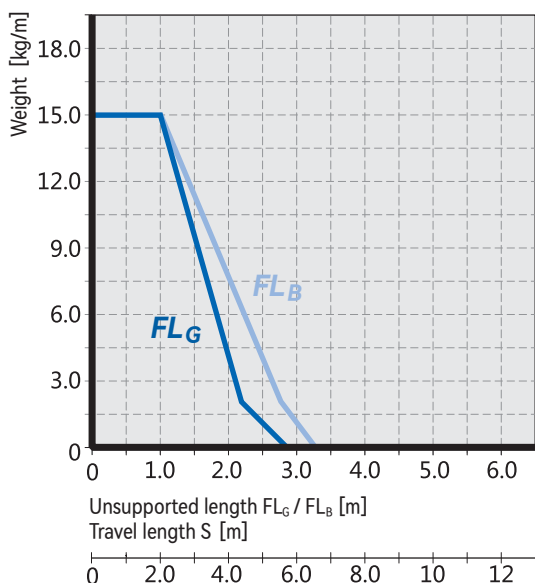
DURAMOV®

www.csb-ep.com
sales@csb-ep.com

Standard dimensions

Part No.	Bi	Ba	Hi	Ha	R										Weight [kg/m]
	Inner width [mm]	Outer width [mm]	Inner height [mm]	Outer height [mm]	Bend radius [mm]										
C03.32.050.R	50	73	32	54	063	075	100	125	150	175	200	225	250	300	1.57
C03.32.075.R	75	98	32	54	063	075	100	125	150	175	200	225	250	300	1.73
C03.32.100.R	100	123	32	54	063	075	100	125	150	175	200	225	250	300	1.88
C03.32.125.R	125	148	32	54	063	075	100	125	150	175	200	225	250	300	2.06
C03.32.150.R	150	173	32	54	063	075	100	125	150	175	200	225	250	300	2.21
C03.32.175.R	175	198	32	54	063	075	100	125	150	175	200	225	250	300	2.34
C03.32.200.R	200	223	32	54	063	075	100	125	150	175	200	225	250	300	2.51

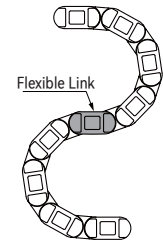
Installation dimensions



*If the unsupported length is exceeded, the cable carrier must glide on itself. This requires a guide trough P116.

R	063	075	100	125	150	175	200	225	250	300
H	180	204	254	301	354	404	454	494	554	654
D	174	186	211	236	261	286	311	331	361	411
K	310	350	430	505	585	665	745	805	900	1055

The required clearance height: $H_f = H + 40\text{mm}$ (Fill weight 2.5kg/m)

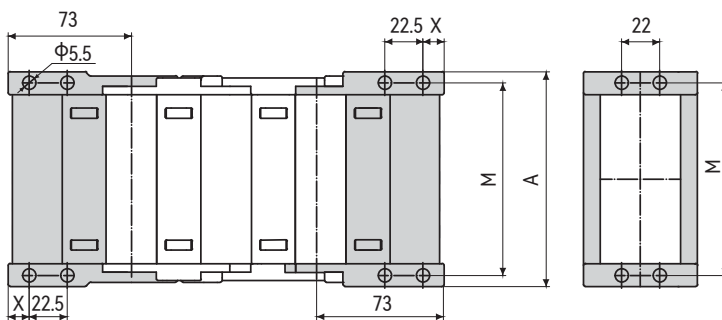


*S-shaped Standing

Mounting brackets

0: Fixed end

1: Moving end



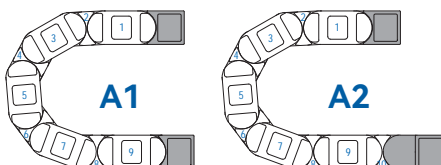
Part No.:

C03.32.050.01.L.C.TE

- Tiewrap elements
- C-profile supporter
- P: Pivoting
- L: Locking
- 0: Fixed end + 1: Moving end
- Inner width
- Inner height
- Carrier series

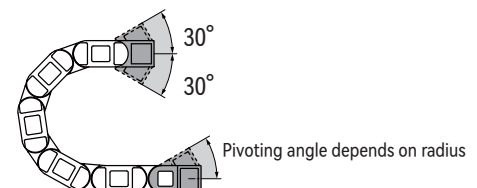
A2 The number of links is even		A1 The number of links is odd		Inner width Bi [mm]	A [mm]	X [mm]	M [mm]	Tiewrap elements [pcs]
Part No. (Locking)	Part No. (Pivoting)	Part No. (Locking)	Part No. (Pivoting)					
C03.32.050.01.L.C.TE	C03.32.050.01.PC.TE	C03.32.050.11.L.C.TE	C03.32.050.11.PC.TE	50	77	12.5	64	3
C03.32.075.01.L.C.TE	C03.32.075.01.PC.TE	C03.32.075.11.L.C.TE	C03.32.075.11.PC.TE	75	102	12.5	89	4
C03.32.100.01.L.C.TE	C03.32.100.01.PC.TE	C03.32.100.11.L.C.TE	C03.32.100.11.PC.TE	100	127	12.5	114	6
C03.32.125.01.L.C.TE	C03.32.125.01.PC.TE	C03.32.125.11.L.C.TE	C03.32.125.11.PC.TE	125	152	12.5	139	8
C03.32.150.01.L.C.TE	C03.32.150.01.PC.TE	C03.32.150.11.L.C.TE	C03.32.150.11.PC.TE	150	177	12.5	164	10
C03.32.175.01.L.C.TE	C03.32.175.01.PC.TE	C03.32.175.11.L.C.TE	C03.32.175.11.PC.TE	175	202	12.5	189	11
C03.32.200.01.L.C.TE	C03.32.200.01.PC.TE	C03.32.200.11.L.C.TE	C03.32.200.11.PC.TE	200	227	12.5	214	13

Mounting bracket installation optional





*C03.32 Possible installation configurations
 *Depending on the number of links is odd or even.
 A1 for odd-numbered links and A2 for even-numbered links.

C03.32.Bi.01.PC






*For unsupported and gliding applications

Accessories

		<p>C03 Vertical separators Part No.: SV.C03.32 *Product information: P121</p>			<p>C03 C-profile brackets *Product information: P127</p> <p>C03 Tiewrap elements *Product information: P128</p>
		<p>Horizontal separators Part No.: SH.03.12.000 *Product information: P124</p>			<p>Cable clamp *Product information: P129</p> <p>C03 Sliding pads for cable carriers *Product information: P123</p>
		<p>BL01 Bellows *Product information: P130</p>			<p>BL01 Brackets *Product information: P133</p>

Installation dimensions

	Unsupported length	≤ 3.0m	Speed / acceleration FL _G	≤ 20 [m/s] / 200 [m/s ²]
	Sliding length	≤ 200m	Speed / acceleration FL _B	≤ 3 [m/s] / 6 [m/s ²]
	Vertical hanging	≤ 30m	Sliding speed / acceleration	≤ 10 [m/s] / 50 [m/s ²]
	Vertical standing	≤ 2.5m	Permitted temperature	-40°C ~120°C
	Side-unsupported length	≤ 2.0m	Flammability Class	UL94 HB

Order code for pre-assembled cable carriers

Body					Optional	Accessories		
C03 . 32 . 050 . 075 . 020 .					A2	. SV0203 . SH01 . SP		
Carrier series	Inner height	Inner width	Bend radius	Link quantity	Mounting bracket installation type	Vertical separators	Horizontal separators	Sliding pads for cable carriers
						1	2	

- 1 SV0203: Install 3pcs vertical separators every other 2pcs blank links
- 2 SH01: Horizontal separator 1pc installed in the middle hole

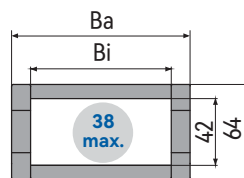
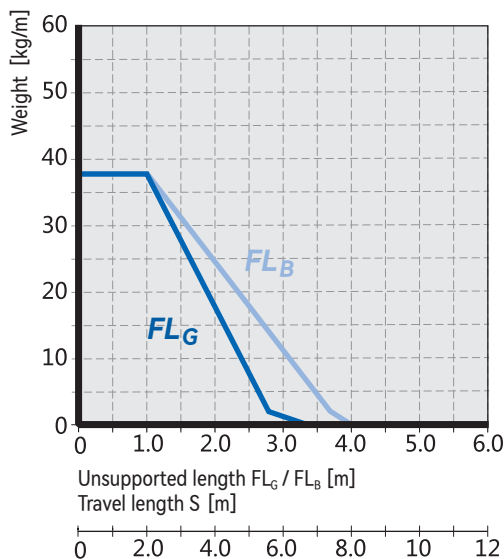
C03.42 High load cable carriers



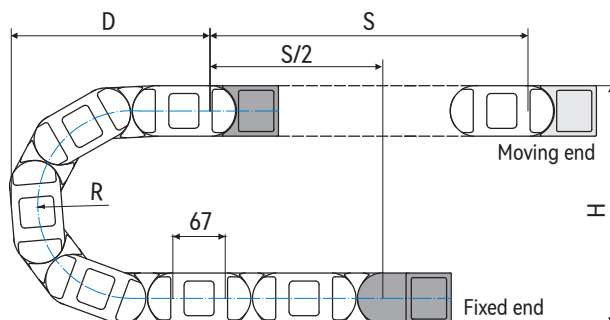
Standard dimensions

Part No.	Bi	Ba	Hi	Ha	R								Weight [kg/m]	
	Inner width [mm]	Outer width [mm]	Inner height [mm]	Outer height [mm]	075	100	125	150	175	200	250	300		350
C03.42.050.R	50	76	42	64	075	100	125	150	175	200	250	300	350	1.92
C03.42.075.R	75	101	42	64	075	100	125	150	175	200	250	300	350	2.05
C03.42.100.R	100	126	42	64	075	100	125	150	175	200	250	300	350	2.18
C03.42.125.R	125	151	42	64	075	100	125	150	175	200	250 <td 300	350	2.34	
C03.42.150.R	150	176	42	64	075	100	125	150	175	200	250	300	350	2.46
C03.42.175.R	175	201	42	64	075	100	125	150	175	200	250	300	350	2.55
C03.42.200.R	200	226	42	64	075	100	125	150	175	200	250	300	350	2.71

Installation dimensions

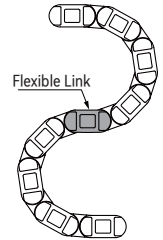


Inner height Bi : 42mm
 Link pitch T : 67mm
 Link quantity: 15pcs/m
 Clearance height H_f : $H+40$ mm
 Carrier length: $S/2+K$



*If the unsupported length is exceeded, the cable carrier musglide on itself. This requires a guide trough P116.

R	075	100	125	150	175	200	250	300	350
H	214	264	314	364	414	464	564	664	764
D	208	233	258	283	308	333	383	433	483
K	370	450	530	610	685	765	920	1080	1235



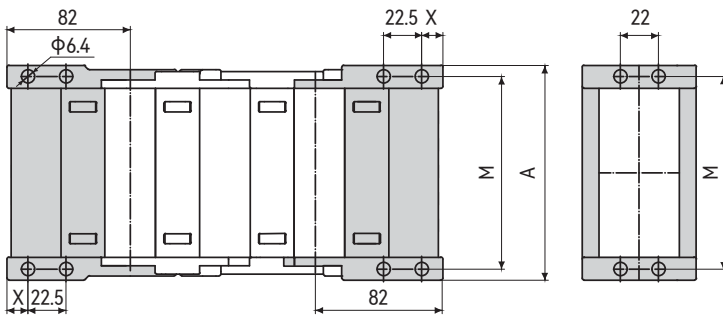
*S-shaped Standing

The required clearance height: $H_f = H + 40\text{mm}$ (Fill weight 2.5kg/m)

Mounting brackets

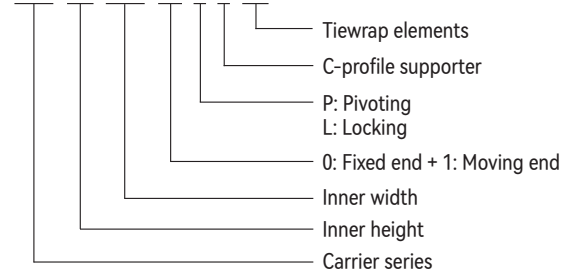
0: Fixed end

1: Moving end



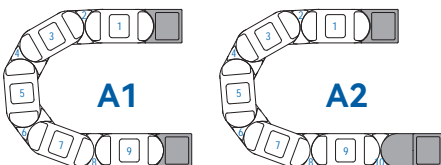
Part No.:

C03.42.050.01.L.C.TE



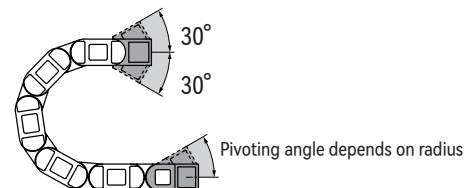
A2 The number of links is even		A1 The number of links is odd		Inner width Bi [mm]	A [mm]	X [mm]	M [mm]	Tiewrap elements [pcs]
Part No. (Locking)	Part No. (Pivoting)	Part No. (Locking)	Part No. (Pivoting)					
C03.42.050.01.L.C.TE	C03.42.050.01.PC.TE	C03.42.050.11.L.C.TE	C03.42.050.11.PC.TE	50	77	15	66	3
C03.42.075.01.L.C.TE	C03.42.075.01.PC.TE	C03.42.075.11.L.C.TE	C03.42.075.11.PC.TE	75	102	15	91	4
C03.42.100.01.L.C.TE	C03.42.100.01.PC.TE	C03.42.100.11.L.C.TE	C03.42.100.11.PC.TE	100	127	15	116	6
C03.42.125.01.L.C.TE	C03.42.125.01.PC.TE	C03.42.125.11.L.C.TE	C03.42.125.11.PC.TE	125	152	15	141	8
C03.42.150.01.L.C.TE	C03.42.150.01.PC.TE	C03.42.150.11.L.C.TE	C03.42.150.11.PC.TE	150	177	15	166	10
C03.42.175.01.L.C.TE	C03.42.175.01.PC.TE	C03.42.175.11.L.C.TE	C03.42.175.11.PC.TE	175	202	15	191	11
C03.42.200.01.L.C.TE	C03.42.200.01.PC.TE	C03.42.200.11.L.C.TE	C03.42.200.11.PC.TE	200	227	15	216	13

Mounting bracket installation optional




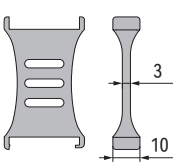



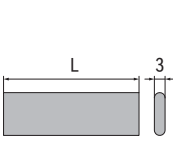





*C03.42 Possible installation configurations
 *Depending on the number of links is odd or even.
 A1 for odd-numbered links and A2 for even-numbered links.

C03.42.Bi.01.PC



*For unsupported and gliding applications

Accessories

		<p>C03 Vertical separators Part No.: SV.C03.42 *Product information: P121</p>	 <p>C03 C-profile brackets *Product information: P127</p>	 <p>C03 Tiewrap elements *Product information: P128</p>
		<p>Horizontal separators Part No.: SH.03.12.000 *Product information: P124</p>	 <p>Cable clamp *Product information: P129</p>	 <p>C03 Sliding pads for cable carriers *Product information: P123</p>
 <p>BL01 Bellows *Product information: P130</p>	 <p>BL01 Brackets *Product information: P133</p>			

Installation dimensions

	Unsupported length	≤ 4.2m	Speed / acceleration FL _C	≤ 20 [m/s] / 200 [m/s ²]
	Sliding length	≤ 300m	Speed / acceleration FL _B	≤ 3 [m/s] / 6 [m/s ²]
	Vertical hanging	≤ 40m	Sliding speed / acceleration	≤ 10 [m/s] / 50 [m/s ²]
	Vertical standing	≤ 3.0m	Permitted temperature	-40°C ~120°C
	Side-unsupported length	≤ 2.1m	Flammability Class	UL94 HB

Order code for pre-assembled cable carriers

Body					Optional	Accessories		
C03 . 42 . 050 . 075 . 020 .					A2	SV0203 . SH01 . SP		
Carrier series	Inner height	Inner width	Bend radius	Link quantity	Mounting bracket installation type	Vertical separators	Horizontal separators	Sliding pads for cable carriers
						①	②	

- ① SV0203: Install 3pcs vertical separators every other 2pcs blank links
- ② SH01: Horizontal separator 1pc installed in the middle hole

C03.56 High load cable carriers



C03.56

DURAMOV®

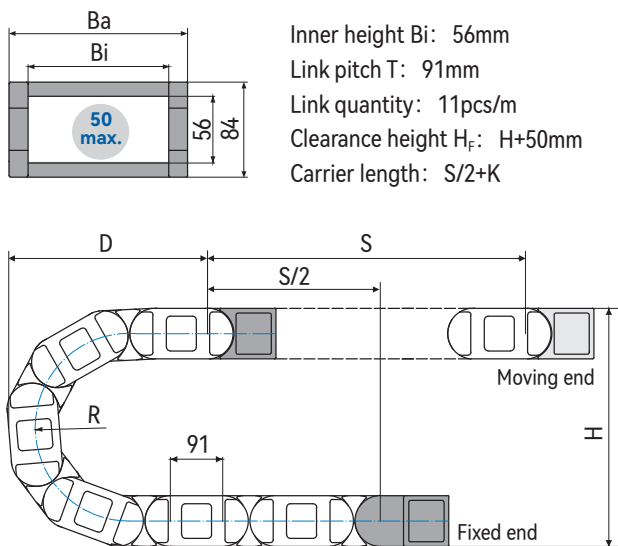
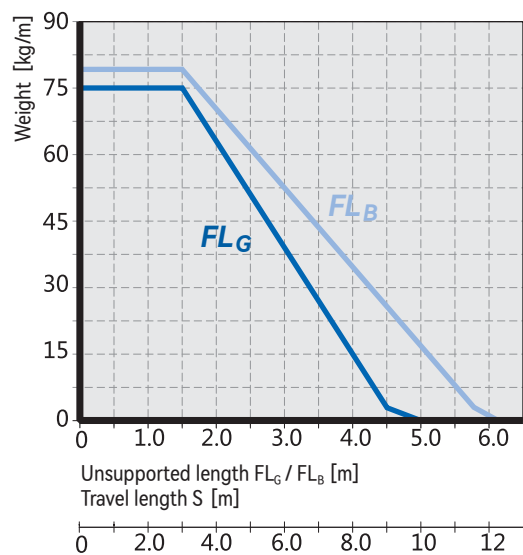
www.csb-ep.com
sales@csb-ep.com

Standard dimensions

Part No.	Bi	Ba	Hi	Ha	R										重量
	Inner width [mm]	Outer width [mm]	Inner height [mm]	Outer height [mm]	Bend radius [mm]										Weight [kg/m]
C03.56.100.R	100	134	56	84	135	150	175	200	250	300	350	400	450	500	3.66
C03.56.125.R	125	159	56	84	135	150	175	200	250	300	350	400	450	500	3.82
C03.56.150.R	150	184	56	84	135	150	175	200	250	300	350	400	450	500	4.00
C03.56.175.R	175	209	56	84	135	150	175	200	250	300	350	400	450	500	4.25
C03.56.200.R	200	234	56	84	135	150	175	200	250	300	350	400	450	500	4.41

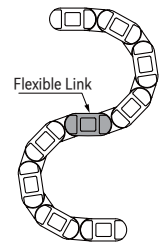
*Available upon request

Installation dimensions



*If the unsupported length is exceeded, the cable carrier must glide on itself. This requires a guide trough P116.

R	135	150	175	200	250	300	350	400	450	450
H	354	384	434	484	584	684	784	884	984	1084
D	314	329	354	379	429	479	529	579	629	679
K	610	655	735	815	970	1125	1285	1440	1600	1755



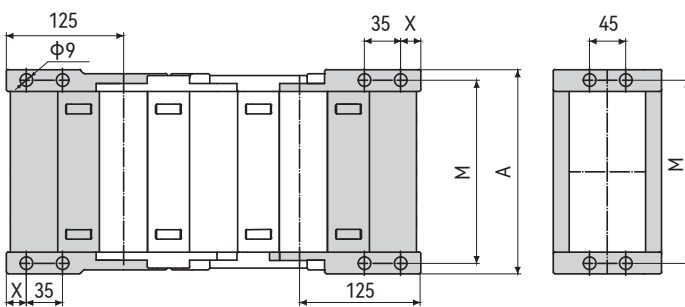
*S-shaped Standing

 The required clearance height: $H_f = H + 40\text{mm}$ (Fill weight 2.5kg/m)

Mounting brackets

0: Fixed end

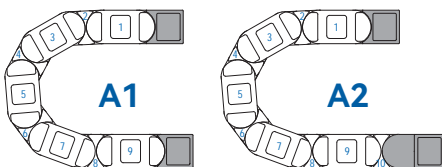
1: Moving end


 Part No.:
C03.56.100.01.L.C.TE

- Tiewrap elements
- C-profile supporter
- P: Pivoting
- L: Locking
- 0: Fixed end + 1: Moving end
- Inner width
- Inner height
- Carrier series

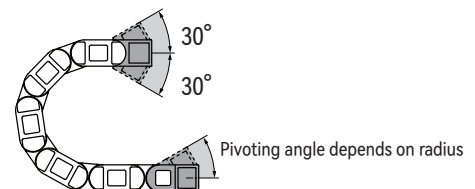
A2 The number of links is even		A1 The number of links is odd		Inner width Bi [mm]	A [mm]	X [mm]	M [mm]	Tiewrap elements [pcs]
Part No. (Locking)	Part No. (Pivoting)	Part No. (Locking)	Part No. (Pivoting)					
C03.56.100.01.L.C.TE	C03.56.100.01.PC.TE	C03.56.100.11.L.C.TE	C03.56.100.11.PC.TE	100	141	20	123	6
C03.56.125.01.L.C.TE	C03.56.125.01.PC.TE	C03.56.125.11.L.C.TE	C03.56.125.11.PC.TE	125	166	20	148	8
C03.56.150.01.L.C.TE	C03.56.150.01.PC.TE	C03.56.150.11.L.C.TE	C03.56.150.11.PC.TE	150	191	20	173	10
C03.56.175.01.L.C.TE	C03.56.175.01.PC.TE	C03.56.175.11.L.C.TE	C03.56.175.11.PC.TE	175	216	20	198	11
C03.56.200.01.L.C.TE	C03.56.200.01.PC.TE	C03.56.200.11.L.C.TE	C03.56.200.11.PC.TE	200	241	20	223	13

Mounting bracket installation optional



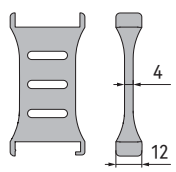


*C03.56 Possible installation configurations
 *Depending on the number of links is odd or even.
 A1 for odd-numbered links and A2 for even-numbered links.

C03.56.Bi.01.PC





*For unsupported and gliding applications

Accessories

		<p>C03 Vertical separators Part No.: SV.C03.56 *Product information: P121</p>		<p>C03 C-profile brackets *Product information: P127</p>		<p>C03 Tiewrap elements *Product information: P128</p>
		<p>Horizontal separators Part No.: SH.04.15.000 *Product information: P124</p>		<p>Cable clamp *Product information: P129</p>		<p>C03 Sliding pads for cable carriers *Product information: P123</p>
		<p>BL01 Bellows *Product information: P130</p>		<p>BL01 Brackets *Product information: P133</p>		

Installation dimensions

	Unsupported length	≤ 5m	Speed / acceleration FL _G	≤ 20 [m/s] / 200 [m/s ²]
	Sliding length	≤ 400m	Speed / acceleration FL _B	≤ 3 [m/s] / 6 [m/s ²]
	Vertical hanging	≤ 50m	Sliding speed / acceleration	≤ 10 [m/s] / 50 [m/s ²]
	Vertical standing	≤ 3.0m	Permitted temperature	-40°C ~120°C
	Side-unsupported length	≤ 2.5m	Flammability Class	UL94 HB

Order code for pre-assembled cable carriers

Body					Optional	Accessories		
C03 . 56 . 100 . 150 . 020 .					A2	. SV0203 . SH01 . SP		
Carrier series	Inner height	Inner width	Bend radius	Link quantity	Mounting bracket installation type	Vertical separators	Horizontal separators	Sliding pads for cable carriers
						1	2	

- 1 SV0203: Install 3pcs vertical separators every other 2pcs blank links
- 2 SH01: Horizontal separator 1pc installed in the middle hole

C03.80 High load cable carriers

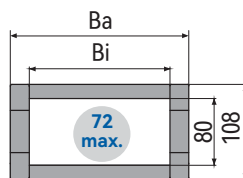
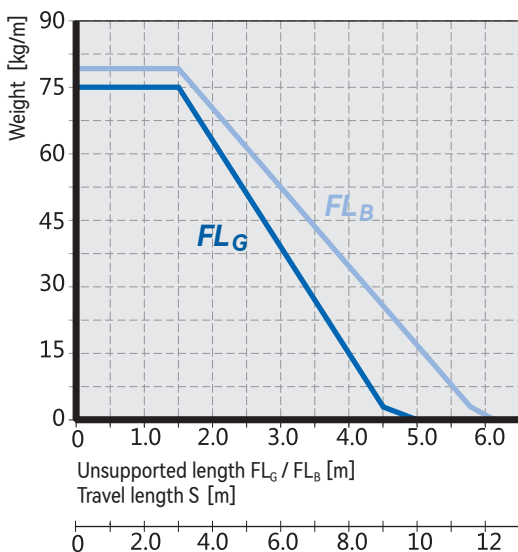


Standard dimensions

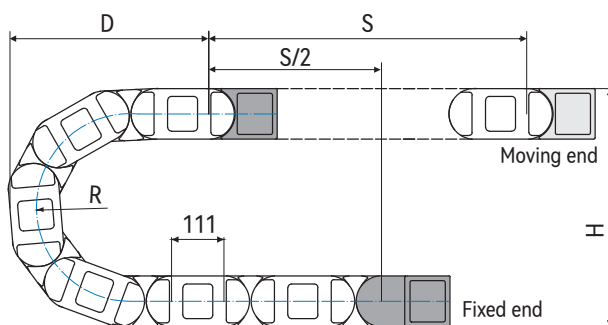
Part No.	Bi		Ba		Hi		Ha		R					Weight [kg/m]
	Inner width [mm]	Outer width [mm]	Inner height [mm]	Outer height [mm]					Bend radius [mm]					
C03.80.100.R	100	148	80	108	150	200	250	300	350	400	450	500	8.42	
C03.80.125.R	125	173	80	108	150	200	250	300	350	400	450	500	8.67	
C03.80.150.R	150	198	80	108	150	200	250	300	350	400	450	500	8.92	
C03.80.175.R	175	223	80	108	150	200	250	300	350	400	450	500	9.17	
C03.80.200.R	200	248	80	108	150	200	250	300	350	400	450	500	9.42	

*Available upon request

Installation dimensions

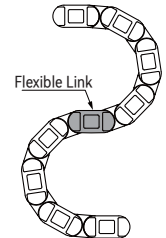


Inner height Bi : 80mm
 Link pitch T : 111mm
 Link quantity: 9pcs/m
 Clearance height H_f : $H+60$ mm
 Carrier length: $S/2+K$



*If the unsupported length is exceeded, the cable carrier must slide on itself. This requires a guide trough P116.

R	150	200	250	300	350	400	450	500
H	408	508	608	708	808	908	1008	1108
D	445	495	545	595	645	695	745	795
K	693	850	1007	1164	1321	1479	1635	1793



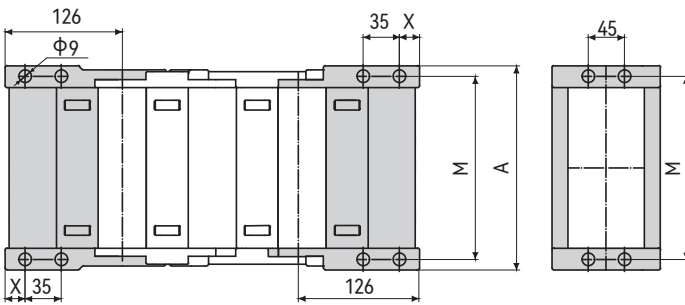
*S-shaped Standing

The required clearance height: $H_f = H + 60\text{mm}$ (Fill weight 2.5kg/m)

Mounting brackets

0: Fixed end

1: Moving end

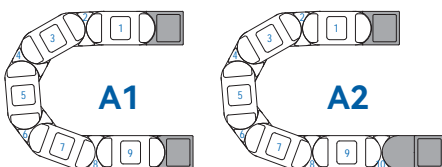


Part No.:
C03.80.100.01.L.C.TE

- Tiewrap elements
- C-profile supporter
- P: Pivoting
- L: Locking
- 0: Fixed end + 1: Moving end
- Inner width
- Inner height
- Carrier series

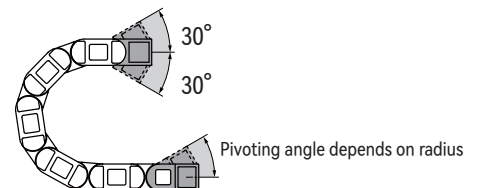
A2 The number of links is even		A1 The number of links is odd		Inner width Bi [mm]	A [mm]	X [mm]	M [mm]	Tiewrap elements [pcs]
Part No. (Locking)	Part No. (Pivoting)	Part No. (Locking)	Part No. (Pivoting)					
C03.80.100.01.L.C.TE	C03.80.100.01.PC.TE	C03.80.100.01.L.C.TE	C03.80.100.01.PC.TE	100	148	21	128	6
C03.80.125.01.L.C.TE	C03.80.125.01.PC.TE	C03.80.125.01.L.C.TE	C03.80.125.01.PC.TE	125	173	21	153	8
C03.80.150.01.L.C.TE	C03.80.150.01.PC.TE	C03.80.150.01.L.C.TE	C03.80.150.01.PC.TE	150	198	21	178	10
C03.80.175.01.L.C.TE	C03.80.175.01.PC.TE	C03.80.175.01.L.C.TE	C03.80.175.01.PC.TE	175	223	21	203	11
C03.80.200.01.L.C.TE	C03.80.200.01.PC.TE	C03.80.200.01.L.C.TE	C03.80.200.01.PC.TE	200	248	21	228	13

Mounting bracket installation optional



*C03.80 Possible installation configurations
 *Depending on the number of links is odd or even.
 A1 for odd-numbered links and A2 for even-numbered links.

C03.80.Bi.01.PC



*For unsupported and gliding applications

Accessories

		<p>C03 Vertical separators</p> <p>Part No.: SV.C03.80</p> <p>*Product information: P121</p>		<p>C03 C-profile brackets</p> <p>*Product information: P127</p>		<p>C03 Tiewrap elements</p> <p>*Product information: P128</p>
		<p>Horizontal separators</p> <p>Part No.: SH.04.15.000</p> <p>*Product information: P124</p>		<p>Cable clamp</p> <p>*Product information: P129</p>		<p>C03 Sliding pads for cable carriers</p> <p>*Product information: P123</p>
		<p>BL01 Bellows</p> <p>*Product information: P130</p>				
		<p>BL01 Brackets</p> <p>*Product information: P133</p>				

Installation dimensions

	Unsupported length	≤ 5.8m	Speed / acceleration FL _C	≤ 20 [m/s] / 200 [m/s ²]
	Sliding length	≤ 400m	Speed / acceleration FL _B	≤ 3 [m/s] / 6 [m/s ²]
	Vertical hanging	≤ 60m	Sliding speed / acceleration	≤ 10 [m/s] / 50 [m/s ²]
	Vertical standing	≤ 4.0m	Permitted temperature	-40°C ~120°C
	Side-unsupported length	≤ 3.0m	Flammability Class	UL94 HB

Order code for pre-assembled cable carriers

Body					Optional	Accessories		
C03 . 80 . 100 . 150 . 020 .					A2	. SV0203 . SH01 . SP		
Carrier series	Inner height	Inner width	Bend radius	Link quantity	Mounting bracket installation type	Vertical separators	Horizontal separators	Sliding pads for cable carriers
						1	2	

- 1 SV0203: Install 3pcs vertical separators every other 2pcs blank links
- 2 SH01: Horizontal separator 1pc installed in the middle hole

C03H High-strength cable carriers

C03H high-strength cable carrier is an improved version based on C03 cable carrier. High-strength materials and stable structural design for C03H higher load performance. The special crossbar design allows the inner width of the carrier to be freely defined.



Openable from both sides

Multiple fixing directions

With separators are available

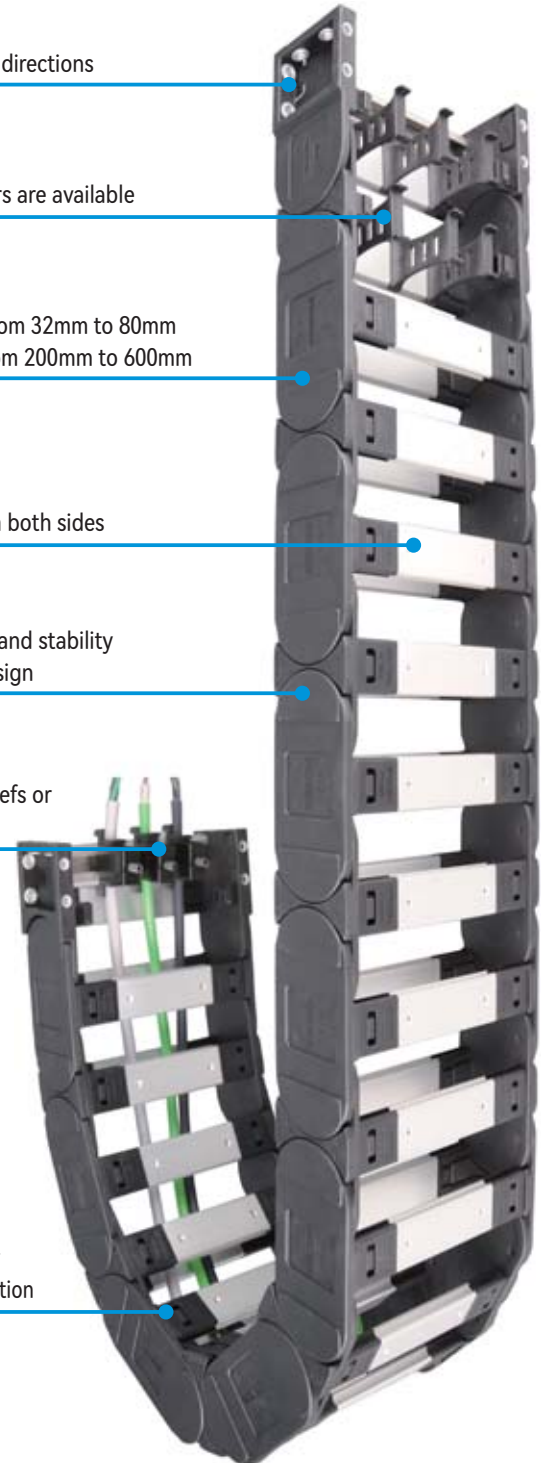
Inner height from 32mm to 80mm
Inner width from 200mm to 600mm

Openable from both sides

High strength and stability
connection design

With strain reliefs or
cable clamps

Sliding pads for
draging application



Flammability Class
UL94 HB



CE Compliance European



RoHS certification

Standard dimensions

High-strength cable carriers	Part No.	Bi	Ba	Hi	Ha	R	Unsupported length [m]	Page
		Inner width [mm]	Outer width [mm]	Inner height [mm]	Outer height [mm]	Bend radius [mm]		
	C03H.32	200-400	223-423	32	54	63-300	≤3.0	P82
	C03H.42	200-400	226-426	42	64	75-350	≤4.2	P86
	C03H.56	200-600	234-634	56	84	135-500	≤5.0	P90
	C03H.80	200-600	248-648	80	108	150-500	≤5.8	P94

Installation



Line up two inner side links side by side.
Attach an outer side link between



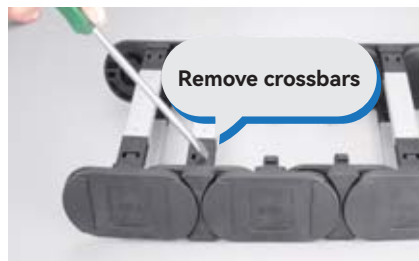
Push, click and snap in pin



Assemble crossbars - push down and snap from one side



Press crossbar and snap in place



Insert screwdriver into the slot. Using a lever action, release the crossbars

Typical Applicable Industries and Applications

- High-load applications
- General mechanical
- Outdoor equipments
- Refrigeration engineering
- Construction machinery
- Stone cutting machines
- Long travel and sliding applications

C03H.32 High-strength cable carriers



C03H.32

DURAMOV®

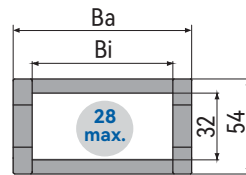
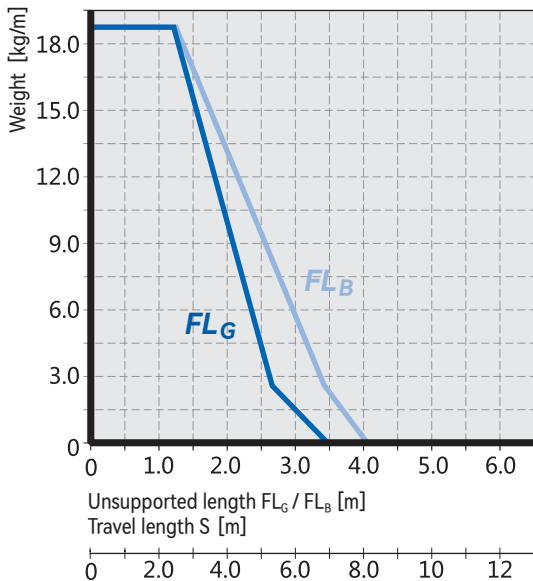
Standard dimensions

Part No.	Bi	Ba	Hi	Ha	R										重量
	Inner width [mm]	Outer width [mm]	Inner height [mm]	Outer height [mm]	063	075	100	125	150	175	200	225	250	300	Weight [kg/m]
C03H.32.200.R	200	223	32	54	063	075	100	125	150	175	200	225	250	300	4.31
C03H.32.212.R	212	235	32	54	063	075	100	125	150	175	200	225	250	300	4.49
C03H.32.225.R	225	248	32	54	063	075	100	125	150	175	200	225	250	300	4.68
C03H.32.237.R	237	260	32	54	063	075	100	125	150	175	200	225	250	300	4.85
C03H.32.250.R	250	273	32	54	063	075	100	125	150	175	200	225	250	300	5.04
C03H.32.262.R	262	285	32	54	063	075	100	125	150	175	200	225	250	300	5.22
C03H.32.275.R	275	298	32	54	063	075	100	125	150	175	200	225	250	300	5.40
C03H.32.287.R	287	310	32	54	063	075	100	125	150	175	200	225	250	300	5.58
C03H.32.300.R	300	323	32	54	063	075	100	125	150	175	200	225	250	300	5.77
C03H.32.312.R	312	335	32	54	063	075	100	125	150	175	200	225	250	300	5.94
C03H.32.325.R	325	348	32	54	063	075	100	125	150	175	200	225	250	300	6.13
C03H.32.337.R	337	360	32	54	063	075	100	125	150	175	200	225	250	300	6.31
C03H.32.350.R	350	373	32	54	063	075	100	125	150	175	200	225	250	300	6.50
C03H.32.362.R	362	385	32	54	063	075	100	125	150	175	200	225	250	300	6.67
C03H.32.375.R	375	398	32	54	063	075	100	125	150	175	200	225	250	300	6.86
C03H.32.387.R	387	410	32	54	063	075	100	125	150	175	200	225	250	300	7.03
C03H.32.400.R	400	423	32	54	063	075	100	125	150	175	200	225	250	300	7.22

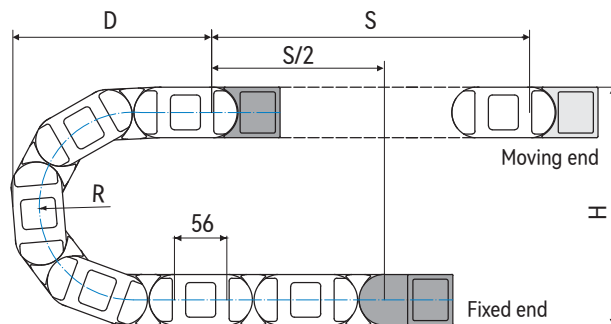
www.csb-ep.com
sales@csb-ep.com

Tel: 0086 573 84187009

Installation dimensions

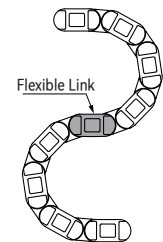


Inner height Bi: 32mm
 Link pitch T: 56mm
 Link quantity: 18pcs/m
 Clearance height H_F: H+40mm
 Carrier length: S/2+K



*If the unsupported length is exceeded, the cable carrier must glide on itself. This requires a guide trough P116.

R	063	075	100	125	150	175	200	225	250	300
H	180	204	254	301	354	404	454	494	554	654
D	174	186	211	236	261	286	311	331	361	411
K	310	350	430	505	585	665	745	805	900	1055



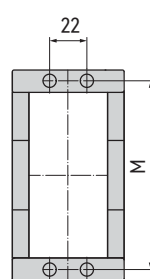
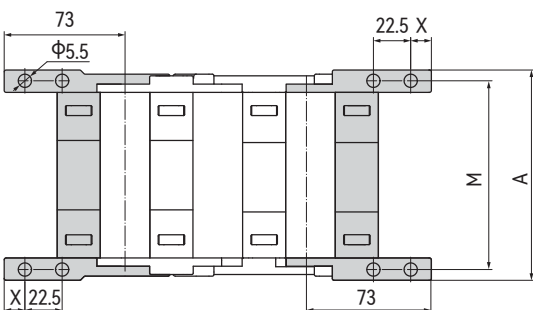
*S-shaped Standing

The required clearance height: H_F=H+40mm (Fill weight 2.5kg/m)

Mounting brackets

0: Fixed end

1: Moving end



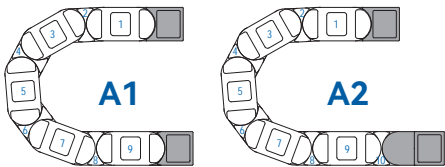
Part No.:
C03H.32.050.01.L.C.TE



- Tiewrap elements
- C-profile supporter
- P: Pivoting
- L: Locking
- 0: Fixed end + 1: Moving end
- Inner width
- Inner height
- Carrier series

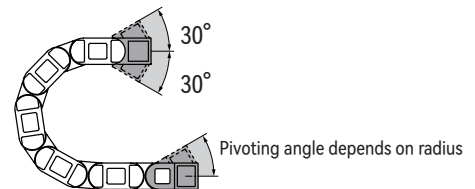
A2 The number of links is even		A1 The number of links is odd		Inner width Bi [mm]	A [mm]	X [mm]	M [mm]	Tiewrap elements [pcs]
Part No. (Locking)	Part No. (Pivoting)	Part No. (Locking)	Part No. (Pivoting)					
C03H.32.200.01.L.C.TE	C03H.32.200.01.PC.TE	C03H.32.200.11.L.C.TE	C03H.32.200.11.PC.TE	200	227	12.5	214	13
C03H.32.212.01.L.C.TE	C03H.32.212.01.PC.TE	C03H.32.212.11.L.C.TE	C03H.32.212.11.PC.TE	212	239	12.5	226	14
C03H.32.225.01.L.C.TE	C03H.32.225.01.PC.TE	C03H.32.225.11.L.C.TE	C03H.32.225.11.PC.TE	225	252	12.5	239	15
C03H.32.237.01.L.C.TE	C03H.32.237.01.PC.TE	C03H.32.237.11.L.C.TE	C03H.32.237.11.PC.TE	237	264	12.5	251	15
C03H.32.250.01.L.C.TE	C03H.32.250.01.PC.TE	C03H.32.250.11.L.C.TE	C03H.32.250.11.PC.TE	250	277	12.5	264	16
C03H.32.262.01.L.C.TE	C03H.32.262.01.PC.TE	C03H.32.262.11.L.C.TE	C03H.32.262.11.PC.TE	262	289	12.5	276	17
C03H.32.275.01.L.C.TE	C03H.32.275.01.PC.TE	C03H.32.275.11.L.C.TE	C03H.32.275.11.PC.TE	275	302	12.5	289	18
C03H.32.287.01.L.C.TE	C03H.32.287.01.PC.TE	C03H.32.287.11.L.C.TE	C03H.32.287.11.PC.TE	287	314	12.5	301	19
C03H.32.300.01.L.C.TE	C03H.32.300.01.PC.TE	C03H.32.300.11.L.C.TE	C03H.32.300.11.PC.TE	300	327	12.5	314	20
C03H.32.312.01.L.C.TE	C03H.32.312.01.PC.TE	C03H.32.312.11.L.C.TE	C03H.32.312.11.PC.TE	312	339	12.5	326	20
C03H.32.325.01.L.C.TE	C03H.32.325.01.PC.TE	C03H.32.325.11.L.C.TE	C03H.32.325.11.PC.TE	325	352	12.5	339	21
C03H.32.337.01.L.C.TE	C03H.32.337.01.PC.TE	C03H.32.337.11.L.C.TE	C03H.32.337.11.PC.TE	337	364	12.5	351	22
C03H.32.350.01.L.C.TE	C03H.32.350.01.PC.TE	C03H.32.350.11.L.C.TE	C03H.32.350.11.PC.TE	350	377	12.5	364	23
C03H.32.362.01.L.C.TE	C03H.32.362.01.PC.TE	C03H.32.362.11.L.C.TE	C03H.32.362.11.PC.TE	362	389	12.5	376	24
C03H.32.375.01.L.C.TE	C03H.32.375.01.PC.TE	C03H.32.375.11.L.C.TE	C03H.32.375.11.PC.TE	375	402	12.5	389	25
C03H.32.387.01.L.C.TE	C03H.32.387.01.PC.TE	C03H.32.387.11.L.C.TE	C03H.32.387.11.PC.TE	387	414	12.5	401	25
C03H.32.400.01.L.C.TE	C03H.32.400.01.PC.TE	C03H.32.400.11.L.C.TE	C03H.32.400.11.PC.TE	400	427	12.5	414	26

Mounting bracket installation optional



*C03H.32 Possible installation configurations
 *Depending on the number of links is odd or even.
 A1 for odd-numbered links and A2 for even-numbered links.

C03H.32.Bi.01.PC



*For unsupported and gliding applications

Accessories

		<p>C03 Vertical separators</p> <p>Part No.: SV.C03.32</p> <p>*Product information: P121</p>		<p>C03 C-profile brackets</p> <p>*Product information: P127</p>		<p>C03 Tiewrap elements</p> <p>*Product information: P128</p>
		<p>Horizontal separators</p> <p>Part No.: SH.03.12.000</p> <p>*Product information: P124</p>		<p>Cable clamp</p> <p>*Product information: P129</p>		<p>C03 Sliding pads for cable carriers</p> <p>*Product information: P123</p>
		<p>BL01 Bellows</p> <p>*Product information: P130</p>				
		<p>BL01 Brackets</p> <p>*Product information: P133</p>				

Installation dimensions

	Unsupported length	≤ 3.0m	Speed / acceleration FL _G	≤ 20 [m/s] / 200 [m/s ²]
	Sliding length	≤ 200m	Speed / acceleration FL _B	≤ 3 [m/s] / 6 [m/s ²]
	Vertical hanging	≤ 30m	Sliding speed / acceleration	≤ 10 [m/s] / 50 [m/s ²]
	Vertical standing	≤ 2.5m	Permitted temperature	-40°C ~120°C
	Side-unsupported length	≤ 2.0m	Flammability Class	UL94 HB

Order code for pre-assembled cable carriers

Body					Optional	Accessories		
C03H . 32 . 200 . 075 . 020 .					A2	. SV0203 . SH01 . SP		
Carrier series	Inner height	Inner width	Bend radius	Link quantity	Mounting bracket installation type	Vertical separators	Horizontal separators	Sliding pads for cable carriers
						1	2	

- 1 SV0203: Install 3pcs vertical separators every other 2pcs blank links
- 2 SH01: Horizontal separator 1pc installed in the middle hole

C03H.42 High-strength cable carriers



C03H.42

DURAMOV®

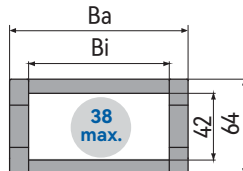
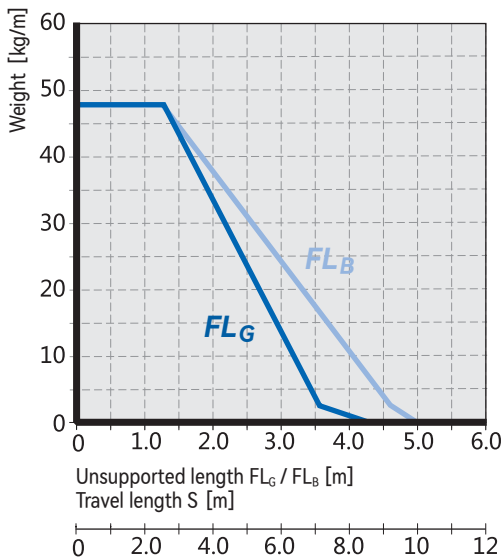
www.csb-ep.com
sales@csb-ep.com

Tel: 0086 573 84187009

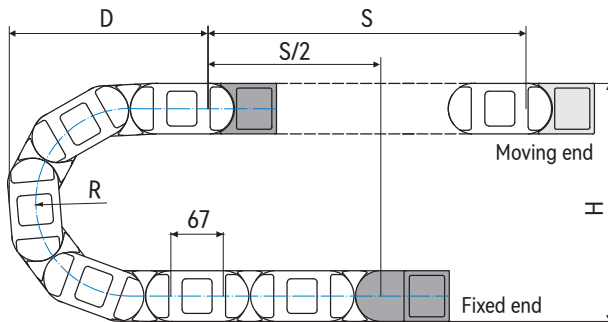
Standard dimensions

Part No.	Bi		Ba		Hi		Ha		R					Weight [kg/m]
	Inner width [mm]	Outer width [mm]	Inner height [mm]	Outer height [mm]	075	100	125	150	175	200	250	300	350	
C03H.42.200.R	200	226	42	64	075	100	125	150	175	200	250	300	350	4.43
C03H.42.212.R	212	238	42	64	075	100	125	150	175	200	250	300	350	4.58
C03H.42.230.R	230	256	42	64	075	100	125	150	175	200	250	300	350	4.80
C03H.42.237.R	237	263	42	64	075	100	125	150	175	200	250	300	350	4.88
C03H.42.250.R	250	276	42	64	075	100	125	150	175	200	250	300	350	5.04
C03H.42.262.R	262	288	42	64	075	100	125	150	175	200	250	300	350	5.18
C03H.42.280.R	280	306	42	64	075	100	125	150	175	200	250	300	350	5.40
C03H.42.290.R	290	316	42	64	075	100	125	150	175	200	250	300	350	5.53
C03H.42.300.R	300	326	42	64	075	100	125	150	175	200	250	300	350	5.65
C03H.42.312.R	312	338	42	64	075	100	125	150	175	200	250	300	350	5.79
C03H.42.325.R	325	351	42	64	075	100	125	150	175	200	250	300	350	5.95
C03H.42.337.R	337	363	42	64	075	100	125	150	175	200	250	300	350	6.10
C03H.42.350.R	350	376	42	64	075	100	125	150	175	200	250	300	350	6.26
C03H.42.362.R	362	388	42	64	075	100	125	150	175	200	250	300	350	6.40
C03H.42.375.R	375	401	42	64	075	100	125	150	175	200	250	300	350	6.56
C03H.42.387.R	387	413	42	64	075	100	125	150	175	200	250	300	350	6.71
C03H.42.400.R	400	426	42	64	075	100	125	150	175	200	250	300	350	6.86

Installation dimensions

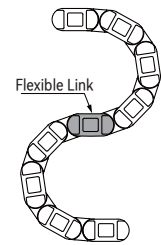


Inner height Bi: 42mm
 Link pitch T: 67mm
 Link quantity: 15pcs/m
 Clearance height H_f: H+40mm
 Carrier length: S/2+K



*If the unsupported length is exceeded, the cable carrier musglide on itself. This requires a guide trough P116.

R	075	100	125	150	175	200	250	300	350
H	214	264	314	364	414	464	564	664	764
D	208	233	258	283	308	333	383	433	483
K	370	450	530	610	685	765	920	1080	1235



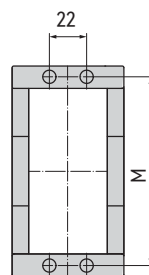
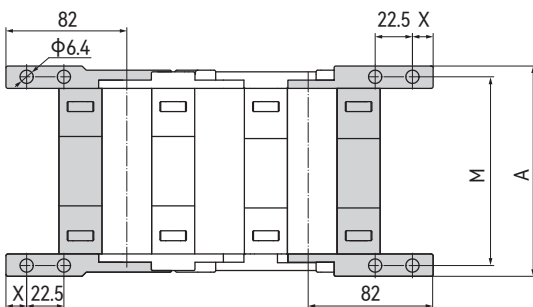
*S-shaped Standing

The required clearance height: H_f=H+40mm (Fill weight 2.5kg/m)

Mounting brackets

0: Fixed end

1: Moving end



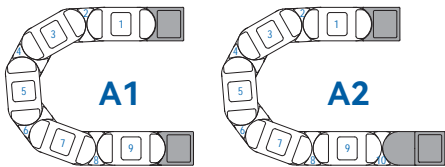
Part No.:
C03H.42.050.01.L.C.TE

- Tiewrap elements
- C-profile supporter
- P: Pivoting
- L: Locking
- 0: Fixed end + 1: Moving end
- Inner width
- Inner height
- Carrier series



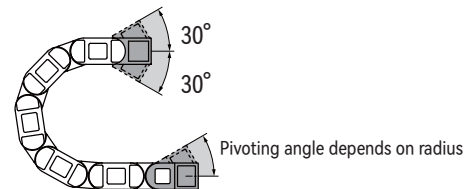
A2 The number of links is even		A1 The number of links is odd		Inner width Bi [mm]	A [mm]	X [mm]	M [mm]	Tiewrap elements [pcs]
Part No. (Locking)	Part No. (Pivoting)	Part No. (Locking)	Part No. (Pivoting)					
C03H.42.200.01.L.C.TE	C03H.42.200.01.P.C.TE	C03H.42.200.11.L.C.TE	C03H.42.200.11.P.C.TE	200	227	15	216	13
C03H.42.212.01.L.C.TE	C03H.42.212.01.P.C.TE	C03H.42.212.11.L.C.TE	C03H.42.212.11.P.C.TE	212	239	15	228	14
C03H.42.230.01.L.C.TE	C03H.42.230.01.P.C.TE	C03H.42.230.11.L.C.TE	C03H.42.230.11.P.C.TE	230	257	15	246	15
C03H.42.237.01.L.C.TE	C03H.42.237.01.P.C.TE	C03H.42.237.11.L.C.TE	C03H.42.237.11.P.C.TE	237	264	15	253	15
C03H.42.250.01.L.C.TE	C03H.42.250.01.P.C.TE	C03H.42.250.11.L.C.TE	C03H.42.250.11.P.C.TE	250	277	15	266	16
C03H.42.262.01.L.C.TE	C03H.42.262.01.P.C.TE	C03H.42.262.11.L.C.TE	C03H.42.262.11.P.C.TE	262	289	15	278	17
C03H.42.280.01.L.C.TE	C03H.42.280.01.P.C.TE	C03H.42.280.11.L.C.TE	C03H.42.280.11.P.C.TE	280	307	15	296	18
C03H.42.290.01.L.C.TE	C03H.42.290.01.P.C.TE	C03H.42.290.11.L.C.TE	C03H.42.290.11.P.C.TE	290	317	15	306	19
C03H.42.300.01.L.C.TE	C03H.42.300.01.P.C.TE	C03H.42.300.11.L.C.TE	C03H.42.300.11.P.C.TE	300	327	15	316	20
C03H.42.312.01.L.C.TE	C03H.42.312.01.P.C.TE	C03H.42.312.11.L.C.TE	C03H.42.312.11.P.C.TE	312	339	15	328	20
C03H.42.325.01.L.C.TE	C03H.42.425.01.P.C.TE	C03H.42.325.11.L.C.TE	C03H.42.425.11.P.C.TE	325	352	15	341	21
C03H.42.337.01.L.C.TE	C03H.42.337.01.P.C.TE	C03H.42.337.11.L.C.TE	C03H.42.337.11.P.C.TE	337	364	15	353	22
C03H.42.350.01.L.C.TE	C03H.42.350.01.P.C.TE	C03H.42.350.11.L.C.TE	C03H.42.350.11.P.C.TE	350	377	15	366	23
C03H.42.362.01.L.C.TE	C03H.42.362.01.P.C.TE	C03H.42.362.11.L.C.TE	C03H.42.362.11.P.C.TE	362	389	15	378	24
C03H.42.375.01.L.C.TE	C03H.42.375.01.P.C.TE	C03H.42.375.11.L.C.TE	C03H.42.375.11.P.C.TE	375	402	15	391	25
C03H.42.387.01.L.C.TE	C03H.42.387.01.P.C.TE	C03H.42.387.11.L.C.TE	C03H.42.387.11.P.C.TE	387	414	15	403	25
C03H.42.400.01.L.C.TE	C03H.42.400.01.P.C.TE	C03H.42.400.11.L.C.TE	C03H.42.400.11.P.C.TE	400	427	15	416	26

Mounting bracket installation optional



*C03H.42 Possible installation configurations
 *Depending on the number of links is odd or even.
 A1 for odd-numbered links and A2 for even-numbered links.

C03H.42.Bi.01.PC



*For unsupported and gliding applications

Accessories

		<p>C03 Vertical separators</p> <p>Part No.: SV.C03.42</p> <p>*Product information: P121</p>		<p>C03 C-profile brackets</p> <p>*Product information: P127</p>		<p>C03 Tiewrap elements</p> <p>*Product information: P128</p>
		<p>Horizontal separators</p> <p>Part No.: SH.03.12.000</p> <p>*Product information: P124</p>		<p>Cable clamp</p> <p>*Product information: P129</p>		<p>C03 Sliding pads for cable carriers</p> <p>*Product information: P123</p>
		<p>BL01 Bellows</p> <p>*Product information: P130</p>				
		<p>BL01 Brackets</p> <p>*Product information: P133</p>				

Installation dimensions

	Unsupported length	≤ 4.2m	Speed / acceleration FL _c	≤ 20 [m/s] / 200 [m/s ²]
	Sliding length	≤ 300m	Speed / acceleration FL _B	≤ 3 [m/s] / 6 [m/s ²]
	Vertical hanging	≤ 40m	Sliding speed / acceleration	≤ 10 [m/s] / 50 [m/s ²]
	Vertical standing	≤ 3.0m	Permitted temperature	-40°C ~120°C
	Side-unsupported length	≤ 2.1m	Flammability Class	UL94 HB

Order code for pre-assembled cable carriers

Body					Optional	Accessories		
C03H . 42 . 200 . 075 . 020 .					A2	. SV0203 . SH01 . SP		
Carrier series	Inner height	Inner width	Bend radius	Link quantity	Mounting bracket installation type	Vertical separators	Horizontal separators	Sliding pads for cable carriers
						1	2	

- 1 SV0203: Install 3pcs vertical separators every other 2pcs blank links
- 2 SH01: Horizontal separator 1pc installed in the middle hole

C03H.56 High-strength cable carriers



C03H.56

DURAMOV®

www.csb-ep.com
sales@csb-ep.com

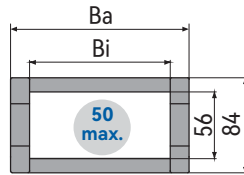
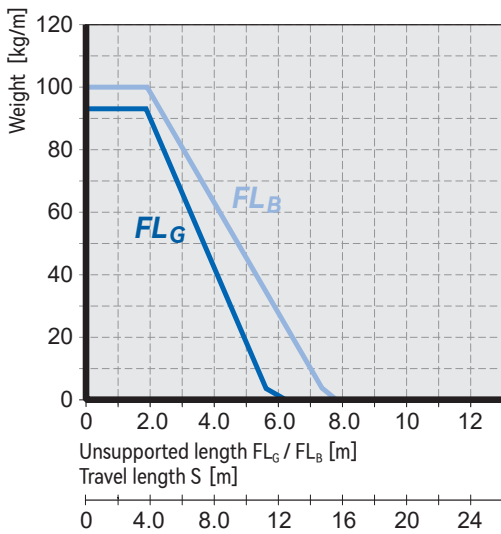
Tel: 0086 573 84187009

Standard dimensions

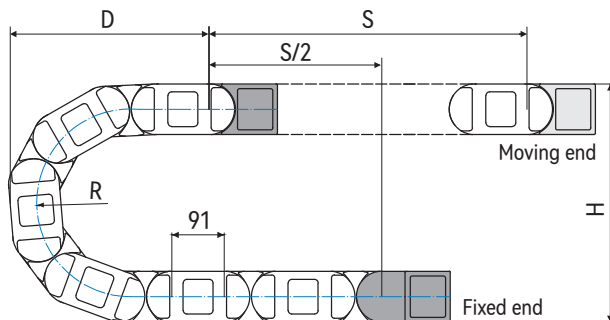
Part No.	Bi	Ba	Hi	Ha	R										Weight [kg/m]
	Inner width [mm]	Outer width [mm]	Inner height [mm]	Outer height [mm]	Bend radius [mm]										
C03H.56.200.R	200	234	56	84	135	150	175	200	250	300	350	400	450	500	6.22
C03H.56.212.R	212	246	56	84	135	150	175	200	250	300	350	400	450	500	6.39
C03H.56.225.R	225	259	56	84	135	150	175	200	250	300	350	400	450	500	6.58
C03H.56.237.R	237	271	56	84	135	150	175	200	250	300	350	400	450	500	6.75
C03H.56.250.R	250	284	56	84	135	150	175	200	250	300	350	400	450	500	6.94
C03H.56.262.R	262	296	56	84	135	150	175	200	250	300	350	400	450	500	7.11
C03H.56.275.R	275	309	56	84	135	150	175	200	250	300	350	400	450	500	7.30
C03H.56.287.R	287	321	56	84	135	150	175	200	250	300	350	400	450	500	7.47
C03H.56.300.R	300	334	56	84	135	150	175	200	250	300	350	400	450	500	7.66
C03H.56.312.R	312	346	56	84	135	150	175	200	250	300	350	400	450	500	7.83
C03H.56.325.R	325	359	56	84	135	150	175	200	250	300	350	400	450	500	8.02
C03H.56.337.R	337	371	56	84	135	150	175	200	250	300	350	400	450	500	8.19
C03H.56.350.R	350	384	56	84	135	150	175	200	250	300	350	400	450	500	8.38
C03H.56.362.R	362	396	56	84	135	150	175	200	250	300	350	400	450	500	8.55
C03H.56.375.R	375	409	56	84	135	150	175	200	250	300	350	400	450	500	8.74
C03H.56.387.R	387	421	56	84	135	150	175	200	250	300	350	400	450	500	8.91
C03H.56.400.R	400	434	56	84	135	150	175	200	250	300	350	400	450	500	9.10
C03H.56.412.R	412	446	56	84	135	150	175	200	250	300	350	400	450	500	9.27
C03H.56.425.R	425	459	56	84	135	150	175	200	250	300	350	400	450	500	9.46
C03H.56.437.R	437	471	56	84	135	150	175	200	250	300	350	400	450	500	9.63
C03H.56.450.R	450	484	56	84	135	150	175	200	250	300	350	400	450	500	9.82
C03H.56.462.R	462	496	56	84	135	150	175	200	250	300	350	400	450	500	9.99
C03H.56.475.R	475	509	56	84	135	150	175	200	250	300	350	400	450	500	10.18
C03H.56.487.R	487	521	56	84	135	150	175	200	250	300	350	400	450	500	10.35
C03H.56.500.R	500	534	56	84	135	150	175	200	250	300	350	400	450	500	10.54
C03H.56.512.R	512	546	56	84	135	150	175	200	250	300	350	400	450	500	10.71
C03H.56.525.R	525	559	56	84	135	150	175	200	250	300	350	400	450	500	10.90
C03H.56.537.R	537	571	56	84	135	150	175	200	250	300	350	400	450	500	11.07
C03H.56.550.R	550	584	56	84	135	150	175	200	250	300	350	400	450	500	11.26
C03H.56.600.R	600	634	56	84	135	150	175	200	250	300	350	400	450	500	11.98

*Available upon request

Installation dimensions

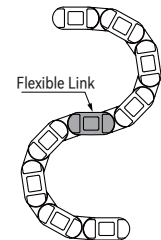


Inner height Bi: 56mm
 Link pitch T: 91mm
 Link quantity: 11pcs/m
 Clearance height H_f: H+50mm
 Carrier length: S/2+K



*If the unsupported length is exceeded, the cable carrier must glide on itself. This requires a guide trough P116.

R	135	150	175	200	250	300	350	400	450	450
H	354	384	434	484	584	684	784	884	984	1084
D	314	329	354	379	429	479	529	579	629	679
K	610	655	735	815	970	1125	1285	1440	1600	1755



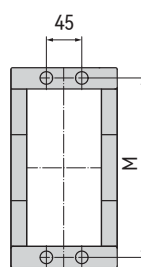
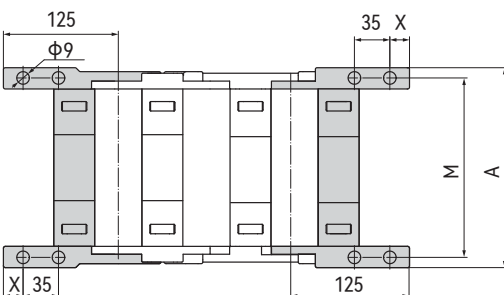
*S-shaped Standing

The required clearance height: H_f=H+50mm (Fill weight 2.5kg/m)

Mounting brackets

0: Fixed end

1: Moving end



Part No.:

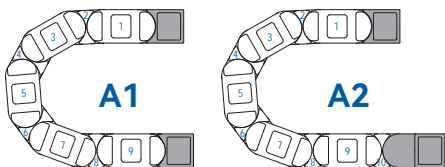
C03H.56.100.01.L.C.TE

- Tiewrap elements
- C-profile supporter
- P: Pivoting
- L: Locking
- 0: Fixed end + 1: Moving end
- Inner width
- Inner height
- Carrier series



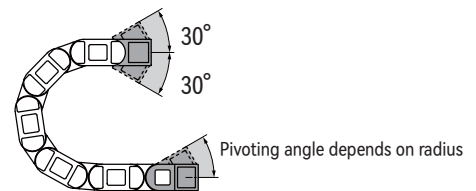
A2 The number of links is even		A1 The number of links is odd		Inner width Bi [mm]	A [mm]	X [mm]	M [mm]	Tiewrap elements [pcs]
Part No. (Locking)	Part No. (Pivoting)	Part No. (Locking)	Part No. (Pivoting)					
C03H.56.200.01.L.C.TE	C03H.56.200.01.PC.TE	C03H.56.200.11.L.C.TE	C03H.56.200.11.PC.TE	200	241	20	223	13
C03H.56.212.01.L.C.TE	C03H.56.212.01.PC.TE	C03H.56.212.11.L.C.TE	C03H.56.212.11.PC.TE	212	253	20	235	14
C03H.56.225.01.L.C.TE	C03H.56.225.01.PC.TE	C03H.56.225.11.L.C.TE	C03H.56.225.11.PC.TE	225	266	20	248	15
C03H.56.237.01.L.C.TE	C03H.56.237.01.PC.TE	C03H.56.237.11.L.C.TE	C03H.56.237.11.PC.TE	237	278	20	260	15
C03H.56.250.01.L.C.TE	C03H.56.250.01.PC.TE	C03H.56.250.11.L.C.TE	C03H.56.250.11.PC.TE	250	291	20	273	16
C03H.56.262.01.L.C.TE	C03H.56.262.01.PC.TE	C03H.56.262.11.L.C.TE	C03H.56.262.11.PC.TE	262	303	20	285	17
C03H.56.275.01.L.C.TE	C03H.56.275.01.PC.TE	C03H.56.275.11.L.C.TE	C03H.56.275.11.PC.TE	275	316	20	298	18
C03H.56.287.01.L.C.TE	C03H.56.287.01.PC.TE	C03H.56.287.11.L.C.TE	C03H.56.287.11.PC.TE	287	328	20	310	19
C03H.56.300.01.L.C.TE	C03H.56.300.01.PC.TE	C03H.56.300.11.L.C.TE	C03H.56.300.11.PC.TE	300	341	20	323	20
C03H.56.312.01.L.C.TE	C03H.56.312.01.PC.TE	C03H.56.312.11.L.C.TE	C03H.56.312.11.PC.TE	312	353	20	335	20
C03H.56.325.01.L.C.TE	C03H.56.325.01.PC.TE	C03H.56.325.11.L.C.TE	C03H.56.325.11.PC.TE	325	366	20	348	21
C03H.56.337.01.L.C.TE	C03H.56.337.01.PC.TE	C03H.56.337.11.L.C.TE	C03H.56.337.11.PC.TE	337	378	20	360	22
C03H.56.350.01.L.C.TE	C03H.56.350.01.PC.TE	C03H.56.350.11.L.C.TE	C03H.56.350.11.PC.TE	350	391	20	373	23
C03H.56.362.01.L.C.TE	C03H.56.362.01.PC.TE	C03H.56.362.11.L.C.TE	C03H.56.362.11.PC.TE	362	403	20	385	24
C03H.56.375.01.L.C.TE	C03H.56.375.01.PC.TE	C03H.56.375.11.L.C.TE	C03H.56.375.11.PC.TE	375	416	20	398	25
C03H.56.387.01.L.C.TE	C03H.56.387.01.PC.TE	C03H.56.387.11.L.C.TE	C03H.56.387.11.PC.TE	387	428	20	410	25
C03H.56.400.01.L.C.TE	C03H.56.400.01.PC.TE	C03H.56.400.11.L.C.TE	C03H.56.400.11.PC.TE	400	441	20	423	26
C03H.56.412.01.L.C.TE	C03H.56.412.01.PC.TE	C03H.56.412.11.L.C.TE	C03H.56.412.11.PC.TE	412	453	20	435	27
C03H.56.425.01.L.C.TE	C03H.56.425.01.PC.TE	C03H.56.425.11.L.C.TE	C03H.56.425.11.PC.TE	425	466	20	448	28
C03H.56.437.01.L.C.TE	C03H.56.437.01.PC.TE	C03H.56.437.11.L.C.TE	C03H.56.437.11.PC.TE	437	478	20	460	29
C03H.56.450.01.L.C.TE	C03H.56.450.01.PC.TE	C03H.56.450.11.L.C.TE	C03H.56.450.11.PC.TE	450	491	20	473	30
C03H.56.462.01.L.C.TE	C03H.56.462.01.PC.TE	C03H.56.462.11.L.C.TE	C03H.56.462.11.PC.TE	462	503	20	485	30
C03H.56.475.01.L.C.TE	C03H.56.475.01.PC.TE	C03H.56.475.11.L.C.TE	C03H.56.475.11.PC.TE	475	516	20	498	31
C03H.56.487.01.L.C.TE	C03H.56.487.01.PC.TE	C03H.56.487.11.L.C.TE	C03H.56.487.11.PC.TE	487	528	20	510	32
C03H.56.500.01.L.C.TE	C03H.56.500.01.PC.TE	C03H.56.500.11.L.C.TE	C03H.56.500.11.PC.TE	500	541	20	523	33
C03H.56.512.01.L.C.TE	C03H.56.512.01.PC.TE	C03H.56.512.11.L.C.TE	C03H.56.512.11.PC.TE	512	553	20	535	34
C03H.56.525.01.L.C.TE	C03H.56.525.01.PC.TE	C03H.56.525.11.L.C.TE	C03H.56.525.11.PC.TE	525	566	20	548	35
C03H.56.537.01.L.C.TE	C03H.56.537.01.PC.TE	C03H.56.537.11.L.C.TE	C03H.56.537.11.PC.TE	537	578	20	560	35
C03H.56.550.01.L.C.TE	C03H.56.550.01.PC.TE	C03H.56.550.11.L.C.TE	C03H.56.550.11.PC.TE	550	591	20	573	36
C03H.56.600.01.L.C.TE	C03H.56.600.01.PC.TE	C03H.56.600.11.L.C.TE	C03H.56.600.11.PC.TE	600	641	20	623	40

Mounting bracket installation optional



*C03H.56 Possible installation configurations
 *Depending on the number of links is odd or even.
 A1 for odd-numbered links and A2 for even-numbered links.

C03H.56.Bi.01.PC



*For unsupported and gliding applications

Accessories

		<p>C03 Vertical separators</p> <p>Part No.: SV.C03.56</p> <p>*Product information: P121</p>		<p>C03 C-profile brackets</p> <p>*Product information: P127</p>		<p>C03 Tiewrap elements</p> <p>*Product information: P128</p>
		<p>Horizontal separators</p> <p>Part No.: SH.04.15.000</p> <p>*Product information: P124</p>		<p>Cable clamp</p> <p>*Product information: P129</p>		<p>C03 Sliding pads for cable carriers</p> <p>*Product information: P123</p>
		<p>BL01 Bellows</p> <p>*Product information: P130</p>				
		<p>BL01 Brackets</p> <p>*Product information: P133</p>				

Installation dimensions

	Unsupported length	≤ 5m	Speed / acceleration FL _G	≤ 20 [m/s] / 200 [m/s ²]
	Sliding length	≤ 400m	Speed / acceleration FL _B	≤ 3 [m/s] / 6 [m/s ²]
	Vertical hanging	≤ 50m	Sliding speed / acceleration	≤ 10 [m/s] / 50 [m/s ²]
	Vertical standing	≤ 3.0m	Permitted temperature	-40°C ~120°C
	Side-unsupported length	≤ 2.5m	Flammability Class	UL94 HB

Order code for pre-assembled cable carriers

Body					Optional	Accessories		
C03H . 56 . 200 . 150 . 020 .					A2	. SV0203 . SH01 . SP		
Carrier series	Inner height	Inner width	Bend radius	Link quantity	Mounting bracket installation type	Vertical separators	Horizontal separators	Sliding pads for cable carriers
						1	2	

- 1** SV0203: Install 3pcs vertical separators every other 2pcs blank links
- 2** SH01: Horizontal separator 1pc installed in the middle hole

C03H.80 High-strength cable carriers



C03H.80

DURAMOV®

www.csb-ep.com
sales@csb-ep.com

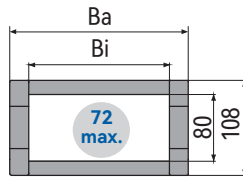
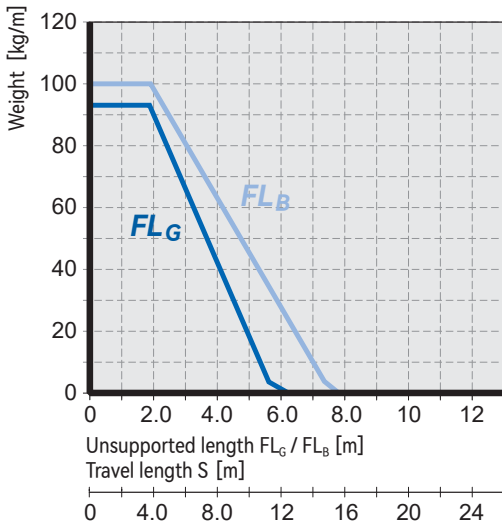
Tel: 0086 573 84187009

Standard dimensions

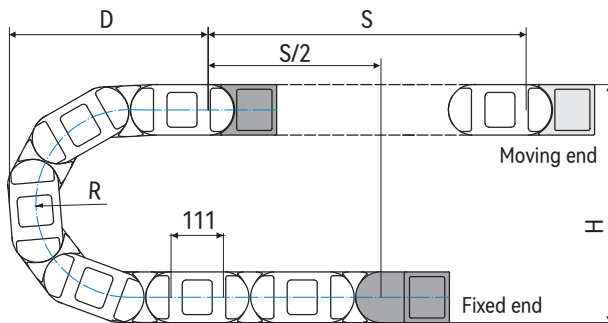
Part No.	Bi	Ba	Hi	Ha	R								Weight [kg/m]
	Inner width [mm]	Outer width [mm]	Inner height [mm]	Outer height [mm]	Bend radius [mm]								
C03H.80.200.R	200	248	80	108	150	200	250	300	350	400	450	500	8.37
C03H.80.212.R	212	260	80	108	150	200	250	300	350	400	450	500	8.52
C03H.80.225.R	225	273	80	108	150	200	250	300	350	400	450	500	8.66
C03H.80.237.R	237	285	80	108	150	200	250	300	350	400	450	500	8.82
C03H.80.250.R	250	298	80	108	150	200	250	300	350	400	450	500	8.96
C03H.80.262.R	262	310	80	108	150	200	250	300	350	400	450	500	9.11
C03H.80.275.R	275	323	80	108	150	200	250	300	350	400	450	500	9.25
C03H.80.288.R	288	336	80	108	150	200	250	300	350	400	450	500	9.41
C03H.80.300.R	300	348	80	108	150	200	250	300	350	400	450	500	9.55
C03H.80.313.R	313	361	80	108	150	200	250	300	350	400	450	500	9.70
C03H.80.325.R	325	373	80	108	150	200	250	300	350	400	450	500	9.84
C03H.80.338.R	338	386	80	108	150	200	250	300	350	400	450	500	10.00
C03H.80.350.R	350	398	80	108	150	200	250	300	350	400	450	500	10.14
C03H.80.362.R	362	410	80	108	150	200	250	300	350	400	450	500	10.28
C03H.80.375.R	375	423	80	108	150	200	250	300	350	400	450	500	10.43
C03H.80.387.R	387	435	80	108	150	200	250	300	350	400	450	500	10.58
C03H.80.400.R	400	448	80	108	150	200	250	300	350	400	450	500	10.73
C03H.80.412.R	412	460	80	108	150	200	250	300	350	400	450	500	10.87
C03H.80.425.R	425	473	80	108	150	200	250	300	350	400	450	500	11.02
C03H.80.437.R	437	485	80	108	150	200	250	300	350	400	450	500	11.17
C03H.80.450.R	450	498	80	108	150	200	250	300	350	400	450	500	11.32
C03H.80.462.R	462	510	80	108	150	200	250	300	350	400	450	500	11.46
C03H.80.475.R	475	523	80	108	150	200	250	300	350	400	450	500	11.61
C03H.80.487.R	487	535	80	108	150	200	250	300	350	400	450	500	11.76
C03H.80.500.R	500	548	80	108	150	200	250	300	350	400	450	500	11.91
C03H.80.512.R	512	560	80	108	150	200	250	300	350	400	450	500	12.05
C03H.80.525.R	525	573	80	108	150	200	250	300	350	400	450	500	12.20
C03H.80.537.R	537	585	80	108	150	200	250	300	350	400	450	500	12.35
C03H.80.550.R	550	598	80	108	150	200	250	300	350	400	450	500	12.50
C03H.80.600.R	600	648	80	108	150	200	250	300	350	400	450	500	13.09

*Available upon request

Installation dimensions

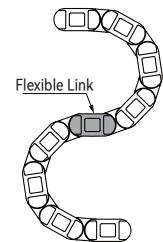


Inner height B_i : 80mm
 Link pitch T : 111mm
 Link quantity: 9pcs/m
 Clearance height H_f : $H+60$ mm
 Carrier length: $S/2+K$



*If the unsupported length is exceeded, the cable carrier must slide on itself. This requires a guide trough P116.

R	150	200	250	300	350	400	450	500
H	408	508	608	708	808	908	1008	1108
D	445	495	545	595	645	695	745	795
K	693	850	1007	1164	1321	1479	1635	1793



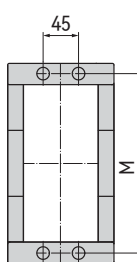
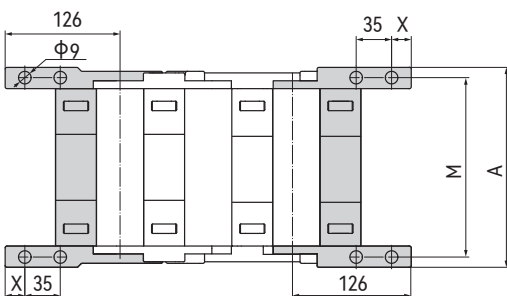
The required clearance height: $H_f=H+60$ mm (Fill weight 2.5kg/m)

*S-shaped Standing

Mounting brackets

0: Fixed end

1: Moving end



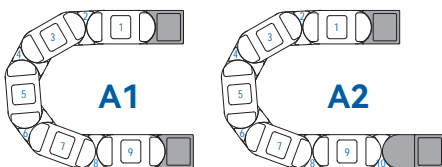
Part No.:
C03H.80.100.01.L.C.TE



- Tiewrap elements
- C-profile supporter
- P: Pivoting
- L: Locking
- 0: Fixed end + 1: Moving end
- Inner width
- Inner height
- Carrier series

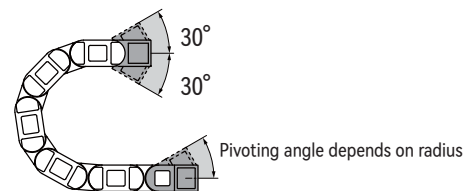
A2 The number of links is even		A1 The number of links is odd		Inner width Bi [mm]	A [mm]	X [mm]	M [mm]	Tiewrap elements [pcs]
Part No. (Locking)	Part No. (Pivoting)	Part No. (Locking)	Part No. (Pivoting)					
C03H.80.200.01.L.C.TE	C03H.80.200.01.PC.TE	C03H.80.200.11.L.C.TE	C03H.80.200.11.PC.TE	200	248	21	228	13
C03H.80.212.01.L.C.TE	C03H.80.212.01.PC.TE	C03H.80.212.11.L.C.TE	C03H.80.212.11.PC.TE	212	260	21	240	14
C03H.80.225.01.L.C.TE	C03H.80.225.01.PC.TE	C03H.80.225.11.L.C.TE	C03H.80.225.11.PC.TE	225	273	21	253	15
C03H.80.237.01.L.C.TE	C03H.80.237.01.PC.TE	C03H.80.237.11.L.C.TE	C03H.80.237.11.PC.TE	237	285	21	265	15
C03H.80.250.01.L.C.TE	C03H.80.250.01.PC.TE	C03H.80.250.11.L.C.TE	C03H.80.250.11.PC.TE	250	298	21	278	16
C03H.80.262.01.L.C.TE	C03H.80.262.01.PC.TE	C03H.80.262.11.L.C.TE	C03H.80.262.11.PC.TE	262	310	21	290	17
C03H.80.275.01.L.C.TE	C03H.80.275.01.PC.TE	C03H.80.275.11.L.C.TE	C03H.80.275.11.PC.TE	275	323	21	303	18
C03H.80.288.01.L.C.TE	C03H.80.288.01.PC.TE	C03H.80.288.11.L.C.TE	C03H.80.288.11.PC.TE	288	336	21	316	19
C03H.80.300.01.L.C.TE	C03H.80.300.01.PC.TE	C03H.80.300.11.L.C.TE	C03H.80.300.11.PC.TE	300	348	21	328	20
C03H.80.313.01.L.C.TE	C03H.80.313.01.PC.TE	C03H.80.313.11.L.C.TE	C03H.80.313.11.PC.TE	313	361	21	341	20
C03H.80.325.01.L.C.TE	C03H.80.325.01.PC.TE	C03H.80.325.11.L.C.TE	C03H.80.325.11.PC.TE	325	373	21	353	21
C03H.80.338.01.L.C.TE	C03H.80.338.01.PC.TE	C03H.80.338.11.L.C.TE	C03H.80.338.11.PC.TE	338	386	21	366	22
C03H.80.350.01.L.C.TE	C03H.80.350.01.PC.TE	C03H.80.350.11.L.C.TE	C03H.80.350.11.PC.TE	350	398	21	378	23
C03H.80.362.01.L.C.TE	C03H.80.362.01.PC.TE	C03H.80.362.11.L.C.TE	C03H.80.362.11.PC.TE	362	410	21	390	24
C03H.80.375.01.L.C.TE	C03H.80.375.01.PC.TE	C03H.80.375.11.L.C.TE	C03H.80.375.11.PC.TE	375	423	21	403	25
C03H.80.387.01.L.C.TE	C03H.80.387.01.PC.TE	C03H.80.387.11.L.C.TE	C03H.80.387.11.PC.TE	387	435	21	415	25
C03H.80.400.01.L.C.TE	C03H.80.400.01.PC.TE	C03H.80.400.11.L.C.TE	C03H.80.400.11.PC.TE	400	448	21	428	26
C03H.80.412.01.L.C.TE	C03H.80.412.01.PC.TE	C03H.80.412.11.L.C.TE	C03H.80.412.11.PC.TE	412	460	21	440	27
C03H.80.425.01.L.C.TE	C03H.80.425.01.PC.TE	C03H.80.425.11.L.C.TE	C03H.80.425.11.PC.TE	425	473	21	453	28
C03H.80.437.01.L.C.TE	C03H.80.437.01.PC.TE	C03H.80.437.11.L.C.TE	C03H.80.437.11.PC.TE	437	485	21	465	29
C03H.80.450.01.L.C.TE	C03H.80.450.01.PC.TE	C03H.80.450.11.L.C.TE	C03H.80.450.11.PC.TE	450	498	21	478	30
C03H.80.462.01.L.C.TE	C03H.80.462.01.PC.TE	C03H.80.462.11.L.C.TE	C03H.80.462.11.PC.TE	462	510	21	490	30
C03H.80.475.01.L.C.TE	C03H.80.475.01.PC.TE	C03H.80.475.11.L.C.TE	C03H.80.475.11.PC.TE	475	523	21	503	31
C03H.80.487.01.L.C.TE	C03H.80.487.01.PC.TE	C03H.80.487.11.L.C.TE	C03H.80.487.11.PC.TE	487	535	21	515	32
C03H.80.500.01.L.C.TE	C03H.80.500.01.PC.TE	C03H.80.500.11.L.C.TE	C03H.80.500.11.PC.TE	500	548	21	528	33
C03H.80.512.01.L.C.TE	C03H.80.512.01.PC.TE	C03H.80.512.11.L.C.TE	C03H.80.512.11.PC.TE	512	560	21	540	34
C03H.80.525.01.L.C.TE	C03H.80.525.01.PC.TE	C03H.80.525.11.L.C.TE	C03H.80.525.11.PC.TE	525	573	21	553	35
C03H.80.537.01.L.C.TE	C03H.80.537.01.PC.TE	C03H.80.537.11.L.C.TE	C03H.80.537.11.PC.TE	537	585	21	565	35
C03H.80.550.01.L.C.TE	C03H.80.550.01.PC.TE	C03H.80.550.11.L.C.TE	C03H.80.550.11.PC.TE	550	598	21	578	36
C03H.80.600.01.L.C.TE	C03H.80.600.01.PC.TE	C03H.80.600.11.L.C.TE	C03H.80.600.11.PC.TE	600	648	21	628	40

Mounting bracket installation optional



*C03H.80 Possible installation configurations
 *Depending on the number of links is odd or even.
 A1 for odd-numbered links and A2 for even-numbered links.

C03H.80.Bi.01.PC



*For unsupported and gliding applications

Accessories

		<p>C03 Vertical separators</p> <p>Part No.: SV.C03.80</p> <p>*Product information: P121</p>		<p>C03 C-profile brackets</p> <p>*Product information: P127</p>		<p>C03 Tiewrap elements</p> <p>*Product information: P128</p>
		<p>Horizontal separators</p> <p>Part No.: SH.04.15.000</p> <p>*Product information: P124</p>		<p>Cable clamp</p> <p>*Product information: P129</p>		<p>C03 Sliding pads for cable carriers</p> <p>*Product information: P123</p>
		<p>BL01 Bellows</p> <p>*Product information: P130</p>				
		<p>BL01 Brackets</p> <p>*Product information: P133</p>				

Installation dimensions

	Unsupported length	≤ 5.8m	Speed / acceleration FL _G	≤ 20 [m/s] / 200 [m/s ²]
	Sliding length	≤ 400m	Speed / acceleration FL _B	≤ 3 [m/s] / 6 [m/s ²]
	Vertical hanging	≤ 60m	Sliding speed / acceleration	≤ 10 [m/s] / 50 [m/s ²]
	Vertical standing	≤ 4.0m	Permitted temperature	-40°C ~120°C
	Side-unsupported length	≤ 3.0m	Flammability Class	UL94 HB

Order code for pre-assembled cable carriers

Body					Optional	Accessories		
C03H . 80 . 200 . 150 . 020 .					A2	. SV0203 . SH01 . SP		
Carrier series	Inner height	Inner width	Bend radius	Link quantity	Mounting bracket installation type	Vertical separators	Horizontal separators	Sliding pads for cable carriers
						①	②	

- ① SV0203: Install 3pcs vertical separators every other 2pcs blank links
- ② SH01: Horizontal separator 1pc installed in the middle hole

C04 Quiet cable carriers, smooth running and cleanroom applications

C04 quiet cable carriers are very light and cleanroom suitable, the special elastic structure design for rotation connection eliminates the impact noise in the movement, making them ideal for highly dynamic and cleanroom applications.



Openable from both sides

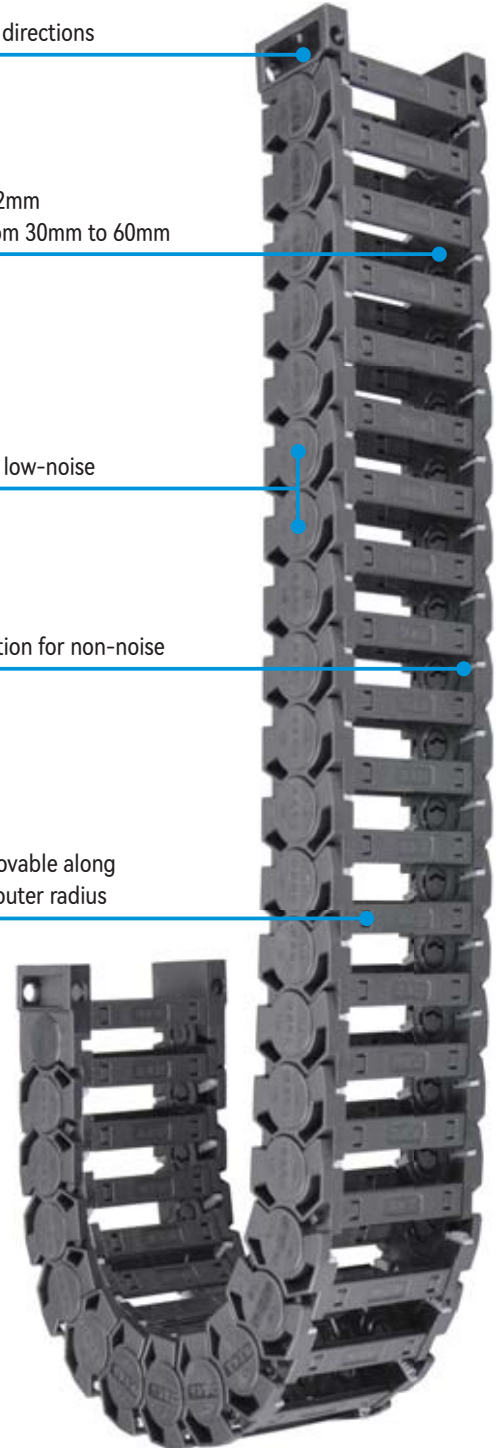
Multiple fixing directions

Inner height 32mm
Inner width from 30mm to 60mm

Small pitch for low-noise

Elastic connection for non-noise

Crossbars removable along
the inner and outer radius



C04

DURAMOV®

www.csb-ep.com
sales@csb-ep.com

Tel: 0086 573 84187009



46dB, V=1.8m/s
CSB lab test
Carrier: C04.28.050.055



Flammability Class
UL94 HB



CE Compliance European




RoHS certification



Low-noise

Standard dimensions

Quiet cable carriers, smooth running and cleanroom applications	Part No.	Bi	Ba	Hi	Ha	R	Unsupported length [m]	Page
		Inner width [mm]	Outer width [mm]	Inner height [mm]	Outer height [mm]	Bend radius [mm]		
	C04.28	30-60	46-76	28	35	55-150	≤1.0	P100

Installation



Insert elastic parts into side plates



Line up two inner side links side by side. Attach an outer side link between



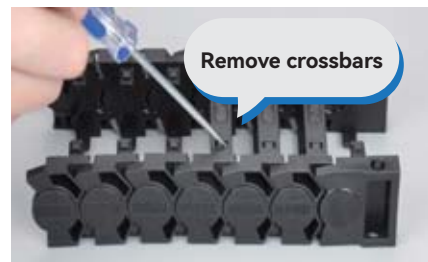
Push, click and snap in pin



Assemble crossbars - push down and snap from one side



Press crossbar and snap in place



Insert screwdriver into the slot. Using a lever action, release the crossbars

Remove crossbars

Typical Applicable Industries and Applications

- Cleanroom applications
- Printing machines
- Handling & robots
- Measuring machines
- Semi-conductor industries
- Medical industries
- Electronic industries
- General machinery

C04.28 Quiet cable carriers, smooth running and cleanroom applications



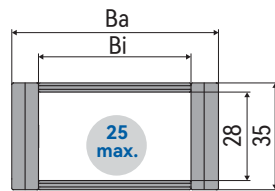
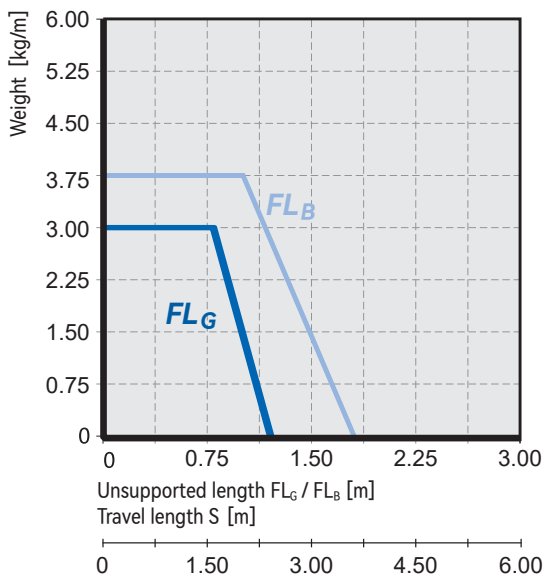
C04.28

DURAMOV®

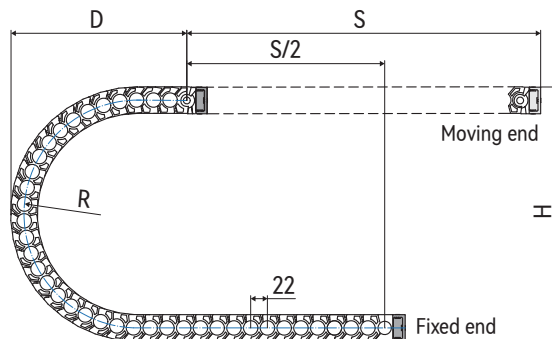
Standard dimensions

Part No.	Bi	Ba	Hi	Ha	R				Weight [kg/m]
	Inner width [mm]	Outer width [mm]	Inner height [mm]	Outer height [mm]	Bend radius [mm]				
C04.28.30.R	30	46	28	35	055	075	100	150	0.73
C04.28.40.R	40	56	28	35	055	075	100	150	0.75
C04.28.50.R	50	66	28	35	055	075	100	150	0.78
C04.28.60.R	60	76	28	35	055	075	100	150	0.80

Installation dimensions



Inner height Bi : 28mm
 Link pitch T : 22mm
 Link quantity: 46pcs/m
 Clearance height H_F : $H+40$ mm
 Carrier length: $S/2+K$



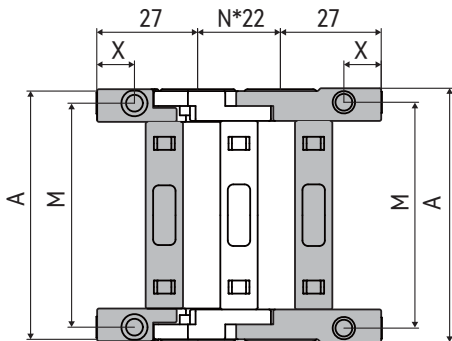
*Please consult CSB® if space is particularly restricted.

R	055	075	100	150
H	180	220	270	370
D	108	128	153	203
K	220	280	360	520

The required clearance height: $H_F=H+40$ mm (Fill weight 0.3kg/m)

Mounting brackets

1: Moving end 0: Fixed end



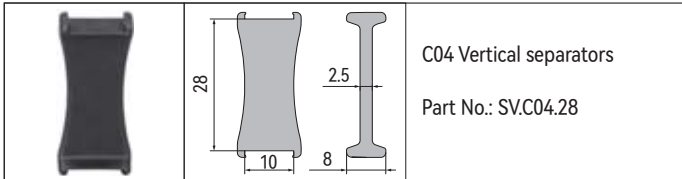
Part No.:

C04.28.30.0

- 0: Fixed end
- 1: Moving end
- Inner width
- Inner height
- Carrier series

Part No.	Inner width Bi [mm]	A [mm]	X [mm]	M [mm]
C04.28.30.0/1	30	57.5	10	40
C04.28.40.0/1	40	67.5	10	50
C04.28.50.0/1	50	77.5	10	60
C04.28.60.0/1	60	87.5	10	70

Accessories



Installation dimensions

	Unsupported length	≤ 1m	Speed / acceleration FL _G	≤ 3 [m/s] / 8 [m/s ²]
	Sliding length	Inapplicable	Speed / acceleration FL _B	≤ 2 [m/s] / 4 [m/s ²]
	Vertical hanging	≤ 5m	Sliding speed / acceleration	Inapplicable
	Vertical standing	≤ 0.5m	Permitted temperature	-40°C ~120°C
	Side-unsupported length	≤ 0.5m	Flammability Class	UL94 HB

Order code for pre-assembled cable carriers

Body					Accessories
C04 . 28 . 30 . 055 . 020 .					SV0203
Carrier series	Inner height	Inner width	Bend radius	Link quantity	Vertical separators
					1

1 SV0203: Install 3pcs vertical separators every other 2pcs blank links

C06 Quiet cable carriers, high-speed and cleanroom applications

C06 quiet cable carriers with a special structural design and long service life; because the cable carriers with an arc shape design in the outside and the short-pitch chain links are connected with elastic elements, the vibration during the bending to linear motion of the cable carriers is reduced, and it is suitable for low noise, high speed and clean room applications.



Openable from both sides

Multiple fixing directions

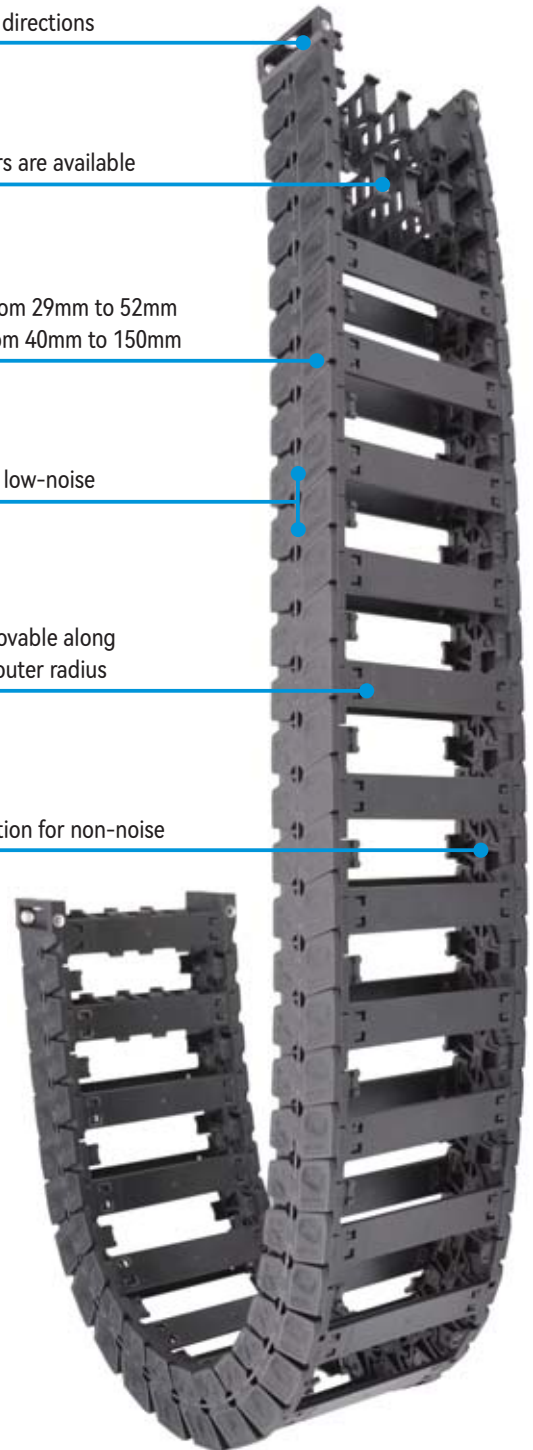
With separators are available

Inner height from 29mm to 52mm
Inner width from 40mm to 150mm

Small pitch for low-noise

Crossbars removable along
the inner and outer radius

Elastic connection for non-noise



C06

DURAMOV®

www.csb-ep.com
sales@csb-ep.com

Tel: 0086 573 84187009



37dB, V=1.8m/s
CSB lab test
Carrier: C06.29.100.055



Flammability Class
UL94 HB



CE Compliance European



RoHS certification



Low-noise

Standard dimensions

Quiet cable carriers, high-speed and cleanroom applications	Part No.	Bi	Ba	Hi	Ha	R	Unsupported length [m]	Page
		Inner width [mm]	Outer width [mm]	Inner height [mm]	Outer height [mm]	Bend radius [mm]		
	C06.29	40-120	56-136	29	35	55-150	≤1.75	P104
	C06.35	40-120	60-140	35	42	55-150	≤1.9	P107
	C06.40	50-150	70-170	40	54	63-200	≤2.75	P110
	C06.52	50-150	74-174	52	65	75-250	≤3.0	P113

Installation



Position and...



Push, click and snap in pin



Insert elastic parts into side plates



Assemble crossbars



Press crossbar and snap in place



Insert screwdriver into the slot. Using a lever action, release the crossbars

Remove crossbars

Typical Applicable Industries and Applications

- Cleanroom
- Printing machines
- Automation
- Measuring machines
- Semi-conductor industries
- Medical industries
- Electronic industries
- General machinery

C06.29 Quiet cable carriers, high-speed and cleanroom applications



C06.29

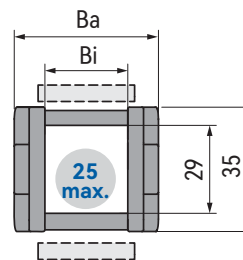
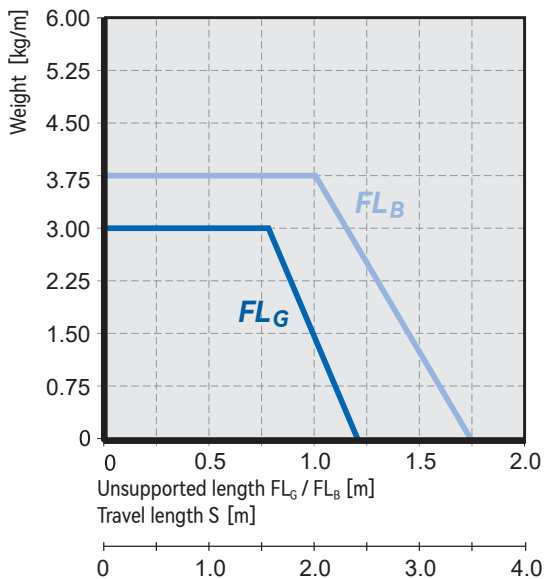
DURAMOV®

www.csb-ep.com
sales@csb-ep.com

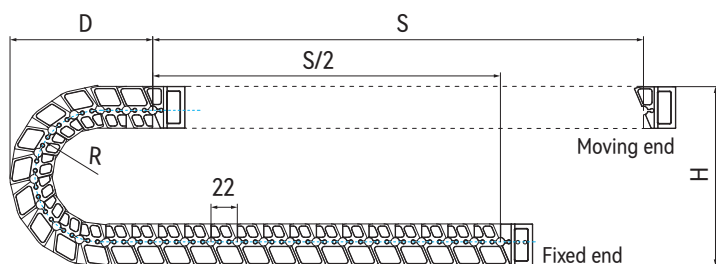
Standard dimensions

Part No.	Bi	Ba	Hi	Ha	R			Weight [kg/m]	
	Inner width [mm]	Outer width [mm]	Inner height [mm]	Outer height [mm]	Bend radius [mm]				
C06.29.040.R	40	56	29	35	055	075	100	150	0.75
C06.29.050.R	50	66	29	35	055	075	100	150	0.78
C06.29.060.R	60	76	29	35	055	075	100	150	0.80
C06.29.070.R	70	86	29	35	055	075	100	150	0.83
C06.29.080.R	80	96	29	35	055	075	100	150	0.85
C06.29.090.R	90	106	29	35	055	075	100	150	0.88
C06.29.100.R	100	116	29	35	055	075	100	150	0.90
C06.29.110.R	110	126	29	35	055	075	100	150	0.93
C06.29.120.R	120	136	29	35	055	075	100	150	0.95

Installation dimensions



Inner height Bi : 29mm
Link pitch T : 22mm
Link quantity: 46pcs/m
Clearance height H_F : $H+40$ mm
Carrier length: $S/2+K$

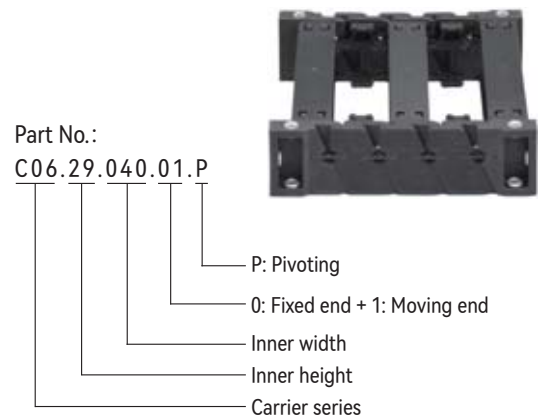
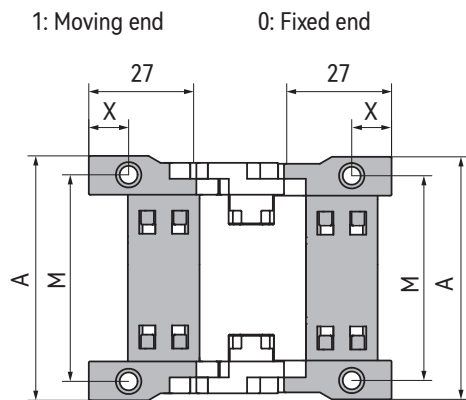


*Please consult CSB® if space is particularly restricted.

R	055	075	100	150
H	180	220	270	370
D	108	128	153	203
K	220	280	360	520

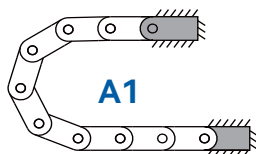
The required clearance height: $H_f = H + 40\text{mm}$ (Fill weight 0.3kg/m)

Mounting brackets



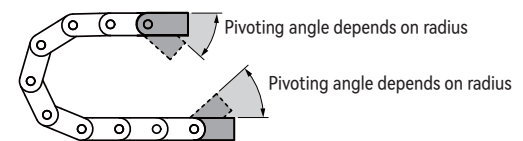
Part No. (Pivoting)	Inner width Bi [mm]	A [mm]	X [mm]	M [mm]
C06.29.040.01.P	40	59.5	10	50
C06.29.050.01.P	50	69.5	10	60
C06.29.060.01.P	60	79.5	10	70
C06.29.070.01.P	70	89.5	10	80
C06.29.080.01.P	80	99.5	10	90
C06.29.090.01.P	90	109.5	10	100
C06.29.100.01.P	100	119.5	10	110
C06.29.110.01.P	110	129.5	10	120
C06.29.120.01.P	120	139.5	10	130

Mounting bracket installation optional



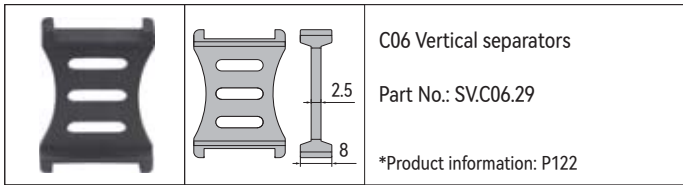
*C06.29 Possible installation configurations
*A1 Please indicate installation code for pre-assembled carriers

C06.29.Bi.01.P



*For unsupported and gliding applications

Accessories



Installation dimensions

	Unsupported length	≤ 1.75m	Speed / acceleration FL _c	≤ 20 [m/s] / 200 [m/s ²]
	Sliding length	Upon request	Speed / acceleration FL _B	≤ 3 [m/s] / 6 [m/s ²]
	Vertical hanging	≤ 30m	Sliding speed / acceleration	Upon request
	Vertical standing	≤ 2.0m	Permitted temperature	-40°C ~120°C
	Side-unsupported length	Upon request	Flammability Class	UL94 HB

Order code for pre-assembled cable carriers

Body					Accessories
C06 . 29 . 040 . 055 . 020					SV0203
Carrier series	Inner height	Inner width	Bend radius	Link quantity	Vertical separators
					1

1 SV0203: Install 3pcs vertical separators every other 2pcs blank links

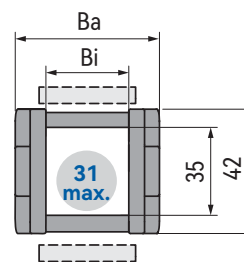
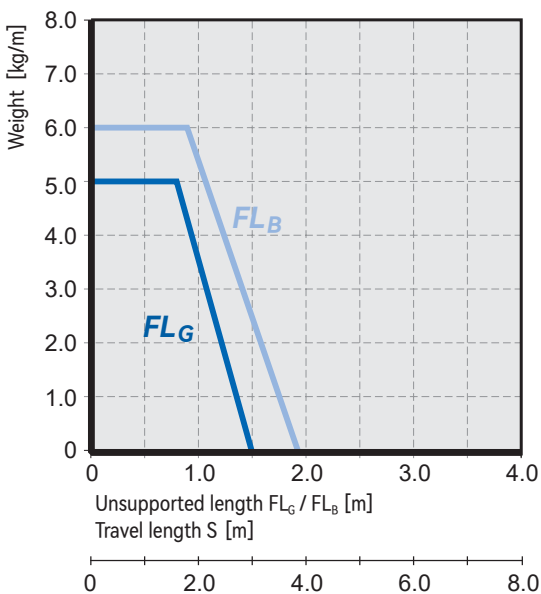
C06.35 Quiet cable carriers, high-speed and cleanroom applications



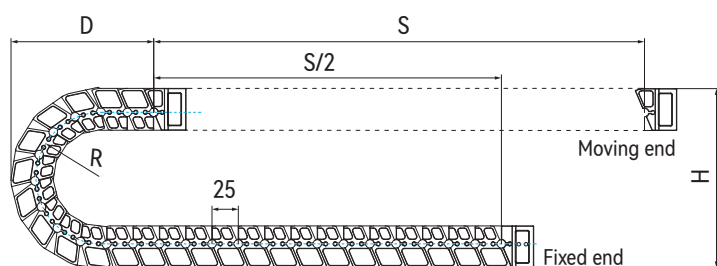
Standard dimensions

Part No.	Bi	Ba	Hi	Ha	R			Weight [kg/m]	
	Inner width [mm]	Outer width [mm]	Inner height [mm]	Outer height [mm]	Bend radius [mm]				
C06.35.040.R	40	60	35	42	055	075	100	150	0.90
C06.35.050.R	50	70	35	42	055	075	100	150	0.92
C06.35.060.R	60	80	35	42	055	075	100	150	0.94
C06.35.070.R	70	90	35	42	055	075	100	150	0.96
C06.35.080.R	80	100	35	42	055	075	100	150	0.99
C06.35.090.R	90	110	35	42	055	075	100	150	1.01
C06.35.100.R	100	120	35	42	055	075	100	150	1.03
C06.35.110.R	110	130	35	42	055	075	100	150	1.05
C06.35.120.R	120	140	35	42	055	075	100	150	1.07

Installation dimensions



Inner height Bi: 35mm
 Link pitch T: 25mm
 Link quantity: 40pcs/m
 Clearance height H_f : $H+40$ mm
 Carrier length: $S/2+K$

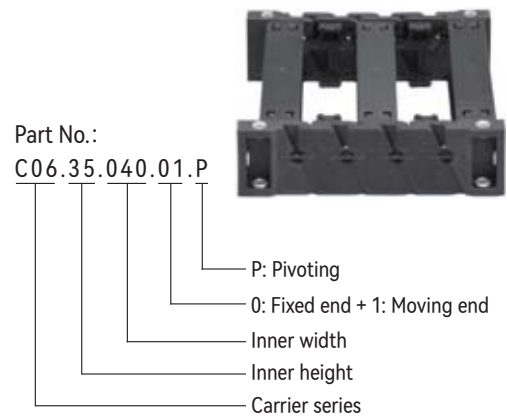
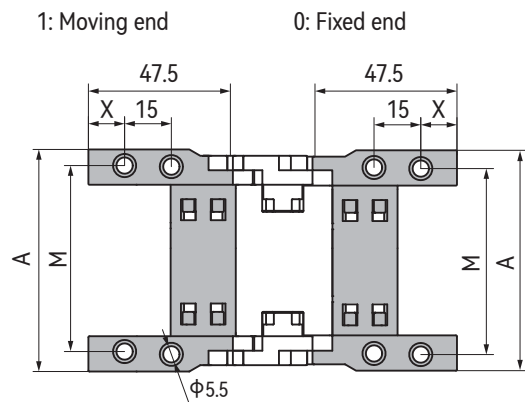


*Please consult CSB® if space is particularly restricted.

R	055	075	100	150
H	189	229	279	379
D	115	135	160	210
K	225	290	365	525

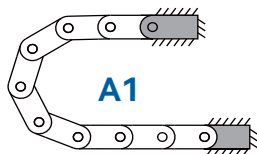
The required clearance height: $H_f = H + 40\text{mm}$ (Fill weight 0.3kg/m)

Mounting brackets



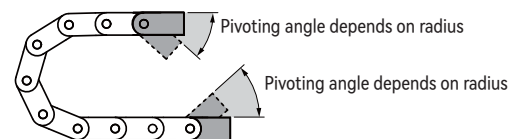
Part No. (Pivoting)	Inner width Bi [mm]	A [mm]	X [mm]	M [mm]
C06.35.040.01.P	40	64	12.5	52
C06.35.050.01.P	50	74	12.5	62
C06.35.060.01.P	60	84	12.5	72
C06.35.070.01.P	70	94	12.5	82
C06.35.080.01.P	80	104	12.5	92
C06.35.090.01.P	90	114	12.5	102
C06.35.100.01.P	100	124	12.5	112
C06.35.110.01.P	110	134	12.5	122
C06.35.120.01.P	120	144	12.5	132

Mounting bracket installation optional



*C06.35 Possible installation configurations
 *A1 Please indicate installation code for pre-assembled carriers

C06.35.Bi.01.P



*For unsupported and gliding applications

Accessories

	<p>C06 Vertical separators</p> <p>Part No.: SV.C06.35</p> <p>*Product information: P122</p>
--	---

Installation dimensions

	Unsupported length	≤ 1.9m	Speed / acceleration FL _c	≤ 20 [m/s] / 200 [m/s ²]
	Sliding length	Upon request	Speed / acceleration FL _B	≤ 3 [m/s] / 6 [m/s ²]
	Vertical hanging	≤ 30m	Sliding speed / acceleration	Upon request
	Vertical standing	≤ 2.0m	Permitted temperature	-40°C ~120°C
	Side-unsupported length	Upon request	Flammability Class	UL94 HB

Order code for pre-assembled cable carriers

Body					Accessories
C06 . 35 . 040 . 055 . 020 .					SV0203
Carrier series	Inner height	Inner width	Bend radius	Link quantity	Vertical separators
					1

1 SV0203: Install 3pcs vertical separators every other 2pcs blank links

C06.40 Quiet cable carriers, high-speed and cleanroom applications



C06.40

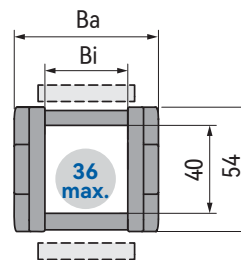
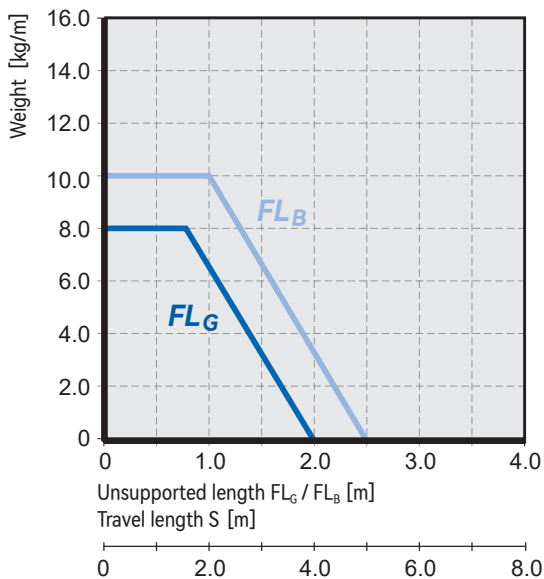
DURAMOV®

www.csb-ep.com
sales@csb-ep.com

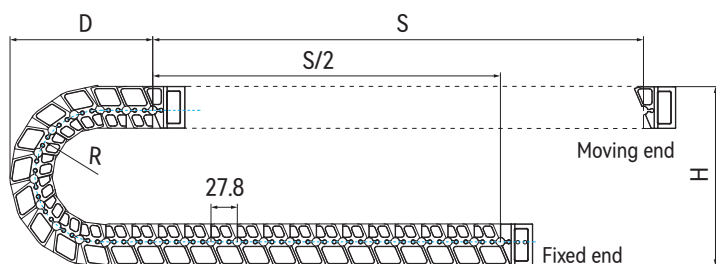
Standard dimensions

Part No.	Bi	Ba	Hi	Ha	R						Weight [kg/m]
	Inner width [mm]	Outer width [mm]	Inner height [mm]	Outer height [mm]	Bend radius [mm]						
C06.40.050.R	50	70	40	54	063	075	100	125	150	200	1.33
C06.40.062.R	62	82	40	54	063	075	100	125	150	200	1.38
C06.40.070.R	70	90	40	54	063	075	100	125	150	200	1.41
C06.40.075.R	75	95	40	54	063	075	100	125	150	200	1.43
C06.40.087.R	87	107	40	54	063	075	100	125	150	200	1.48
C06.40.100.R	100	120	40	54	063	075	100	125	150	200	1.53
C06.40.125.R	125	145	40	54	063	075	100	125	150	200	1.63
C06.40.150.R	150	170	40	54	063	075	100	125	150	200	1.73

Installation dimensions



Inner height Bi : 40mm
Link pitch T : 27.8mm
Link quantity: 36pcs/m
Clearance height H_F : $H+40$ mm
Carrier length: $S/2+K$



*Please consult CSB® if space is particularly restricted.

R	063	075	100	125	150	200
H	224	248	298	348	398	498
D	134	146	171	196	221	271
K	255	295	370	450	530	685

The required clearance height: $H_f = H + 40\text{mm}$ (Fill weight 0.3kg/m)

Mounting brackets

1: Moving end

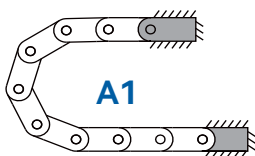
0: Fixed end

Part No.:
C06.40.050.01.P

P: Pivoting
0: Fixed end + 1: Moving end
Inner width
Inner height
Carrier series

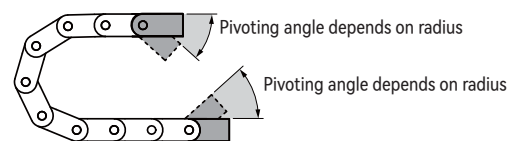
Part No. (Pivoting)	Inner width B_i [mm]	A [mm]	X [mm]	M [mm]
C06.40.050.01.P	50	76	12.5	64
C06.40.062.01.P	62	88	12.5	76
C06.40.070.01.P	70	96	12.5	84
C06.40.075.01.P	75	101	12.5	89
C06.40.087.01.P	87	113	12.5	101
C06.40.100.01.P	100	126	12.5	114
C06.40.125.01.P	125	151	12.5	139
C06.40.150.01.P	150	176	12.5	164

Mounting bracket installation optional



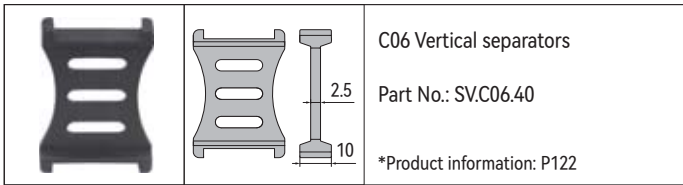
*C06.40 Possible installation configurations
*A1 Please indicate installation code for pre-assembled carriers

C06.40.Bi.01.P



*For unsupported and gliding applications

Accessories



Installation dimensions

	Unsupported length	≤ 2.75m	Speed / acceleration FL _c	≤ 20 [m/s] / 200 [m/s ²]
	Sliding length	Upon request	Speed / acceleration FL _B	≤ 3 [m/s] / 6 [m/s ²]
	Vertical hanging	≤ 30m	Sliding speed / acceleration	Upon request
	Vertical standing	≤ 2.0m	Permitted temperature	-40°C ~120°C
	Side-unsupported length	Upon request	Flammability Class	UL94 HB

Order code for pre-assembled cable carriers

Body					Accessories
C06 . 40 . 050 . 075 . 020					SV0203
Carrier series	Inner height	Inner width	Bend radius	Link quantity	Vertical separators
					1

1 SV0203: Install 3pcs vertical separators every other 2pcs blank links

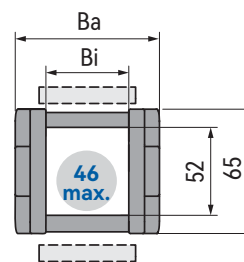
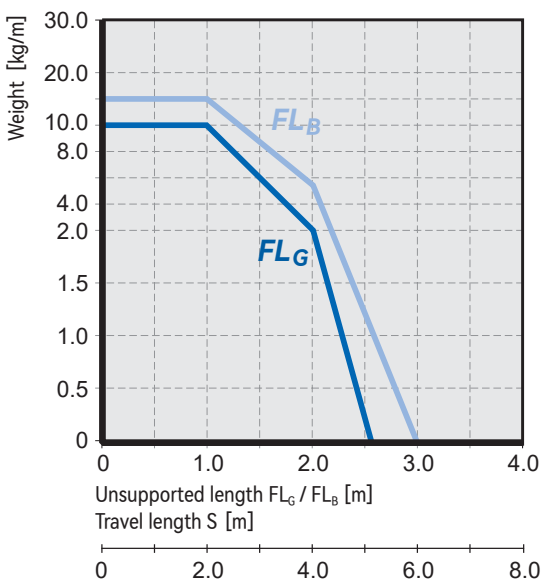
C06.52 Quiet cable carriers, high-speed and cleanroom applications



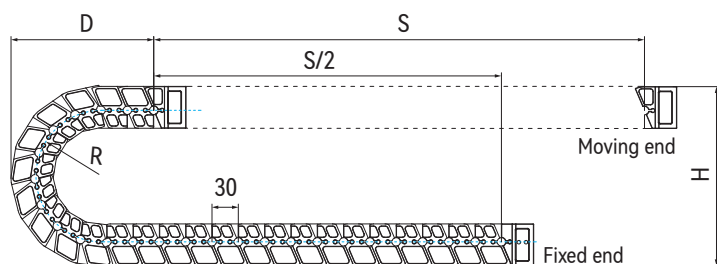
Standard dimensions

Part No.	Bi	Ba	Hi	Ha	R				Weight [kg/m]	
	Inner width [mm]	Outer width [mm]	Inner height [mm]	Outer height [mm]	Bend radius [mm]					
C06.52.050.R	50	74	52	65	075	100	150	200	250	1.80
C06.52.062.R	62	86	52	65	075	100	150	200	250	1.84
C06.52.070.R	70	94	52	65	075	100	150	200	250	1.87
C06.52.075.R	75	99	52	65	075	100	150	200	250	1.89
C06.52.087.R	87	111	52	65	075	100	150	200	250	1.94
C06.52.100.R	100	124	52	65	075	100	150	200	250	1.98
C06.52.125.R	125	149	52	65	075	100	150	200	250	2.07
C06.52.150.R	150	174	52	65	075	100	150	200	250	2.17

Installation dimensions



Inner height Bi : 52mm
 Link pitch T : 30mm
 Link quantity: 34pcs/m
 Clearance height H_F : $H+40$ mm
 Carrier length: $S/2+K$

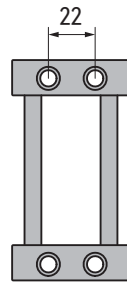
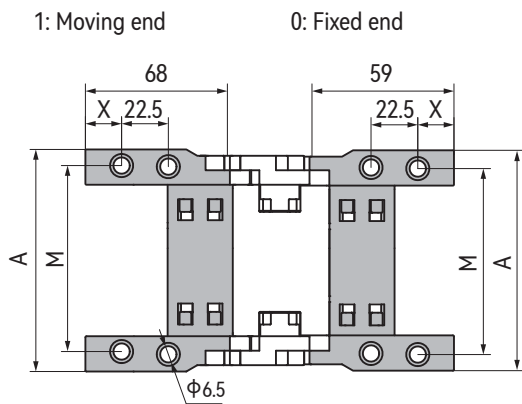


*Please consult CSB® if space is particularly restricted.

R	075	100	150	200	250
H	270	320	420	520	620
D	155	180	230	280	330
K	300	375	535	690	850

The required clearance height: $H_f = H + 40\text{mm}$ (Fill weight 0.3kg/m)

Mounting brackets



Part No.:

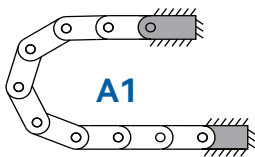
C06.52.050.01.P



- P: Pivoting
- 0: Fixed end + 1: Moving end
- Inner width
- Inner height
- Carrier series

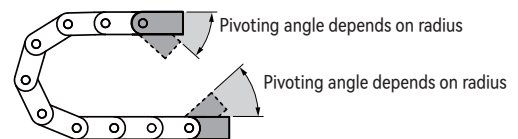
Part No. (Pivoting)	Inner width Bi [mm]	A [mm]	X [mm]	M [mm]
C06.52.050.01.P	50	80	15	66
C06.52.062.01.P	62	92	15	78
C06.52.070.01.P	70	100	15	86
C06.52.075.01.P	75	105	15	91
C06.52.087.01.P	87	117	15	103
C06.52.100.01.P	100	130	15	116
C06.52.125.01.P	125	155	15	141
C06.52.150.01.P	150	180	15	166

Mounting bracket installation optional



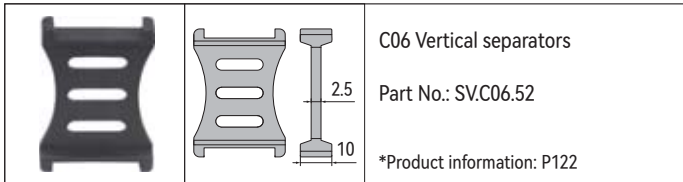
- *C06.52 Possible installation configurations
- *A1 Please indicate installation code for pre-assembled carriers

C06.52.Bi.01.P



- *For unsupported and gliding applications

Accessories



C06 Vertical separators
 Part No.: SV.C06.52
 *Product information: P122

Installation dimensions

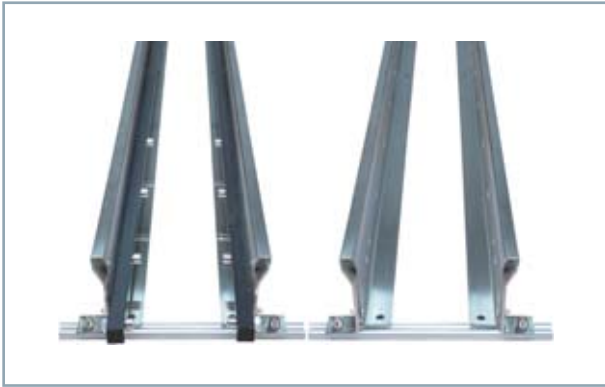
	Unsupported length	≤ 3.0m	Speed / acceleration FL _c	≤ 20 [m/s] / 200 [m/s ²]
	Sliding length	Upon request	Speed / acceleration FL _B	≤ 3 [m/s] / 6 [m/s ²]
	Vertical hanging	≤ 50m	Sliding speed / acceleration	Upon request
	Vertical standing	≤ 2.0m	Permitted temperature	-40°C ~120°C
	Side-unsupported length	Upon request	Flammability Class	UL94 HB

Order code for pre-assembled cable carriers

Body					Accessories
C06 . 52 . 050 . 075 . 020					SV0203
Carrier series	Inner height	Inner width	Bend radius	Link quantity	Vertical separators
					1

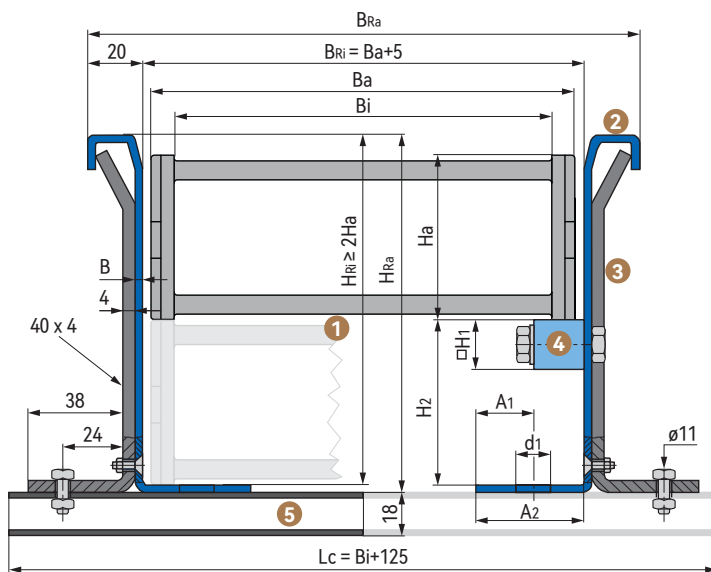
1 SV0203: Install 3pcs vertical separators every other 2pcs blank links

Guide troughs | Steel guide troughs



- very stable and rugged for heavy machinery
- Easy installation, fixed directly on the ground or the C-profile
- Two piece design, adjustable to the width according the cable carriers
- Available in galvanised steel and stainless steel
- Available with plastic glide bar in guide trough

Standard dimensions



- 1 Cable carriers
DURAMOV® C02 and C03
- 2 Trough side parts
Standard length: 2m section
- 3 Clamping brackets
Standard parts
- 4 Glide bars
Standard length: 2m section
- 5 C-profile
The length according to Lc

Cable carrier	Part No.	B [mm]	d ₁ [mm]	A ₁ [mm]	A ₂ [mm]	□H ₁ [mm]	H ₂ [mm]	H _{Ra} [mm]
C02.18 C02.25	GT035070.2000.GS	2	9	12	26	20	35	70
C02.35	GT050100.2000.GS	2	11	15	35	20	50	100
C03.32	GT054130.2000.GS	2	11	15	35	20	54	130
C02.45 C03.42	GT064130.2000.GS	2	11	15	35	30	64	130
C03.56	GT084170.2000.GS	2	11	20	50	30	84	170
C03.80	GT108220.2000.GS	2.5	14	20	50	30	108	220

*The guide trough length also available according to the installation requirement

Part No.	Trough side part			Clamping bracket			Glide bar			C-profile	
	Part No.	Quantity [pcs/set]	Weight [kg/set]	Part No.	Quantity [pcs/set]	Weight [kg/set]	Part No.	Quantity [pcs/set]	Weight [kg/set]	Part No.	Quantity [pcs/set]
GT035070.2000.GS	SP035070.2000.GS	Nx2	3.75	CL035070.GS	(N+1)x2	0.12	GB020.2000	Nx2	0.75	CB.HD.000.GS	Nx2
GT050100.2000.GS	SP050100.2000.GS	Nx2	4.95	CL050100.GS	(N+1)x2	0.16	GB020.2000	Nx2	0.75	CB.HD.000.GS	Nx2
GT054130.2000.GS	SP054130.2000.GS	Nx2	5.90	CL054130.GS	(N+1)x2	0.20	GB020.2000	Nx2	0.75	CB.HD.000.GS	Nx2
GT064130.2000.GS	SP064130.2000.GS	Nx2	5.90	CL064130.GS	(N+1)x2	0.20	GB030.2000	Nx2	1.70	CB.HD.000.GS	Nx2
GT084170.2000.GS	SP084170.2000.GS	Nx2	7.65	CL084170.GS	(N+1)x2	0.25	GB030.2000	Nx2	1.70	CB.HD.000.GS	Nx2
GT108220.2000.GS	SP108220.2000.GS	Nx2	11.45	CL108220.GS	(N+1)x2	0.31	GB030.2000	Nx2	1.70	CB.HD.000.GS	Nx2

*Number of sections

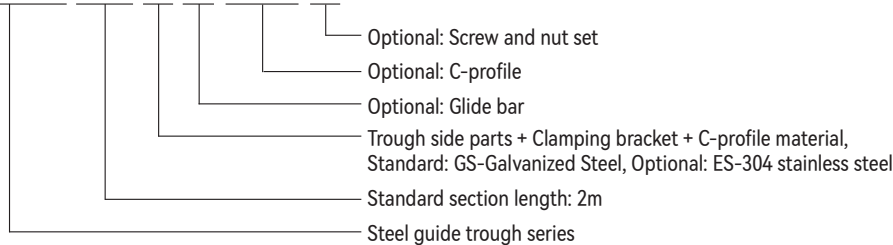
*CB.HD.000.GS: "000" = Bi+125

Installation screw and nut

Part No.	Clamping bracket Per section	Glide bar Per section	C-profile Per section
GT035070.2000.GS	Countersunk-head screw M6×14, 4 pcs Hexagon nut M6, 4 pcs	Hexagon-head screw M10×35, 22 pcs	Hexagon-head screw M10×16, 2 pcs
GT050100.2000.GS		Hexagon nut M10, 22 pcs	T-nut M10, 2 pcs
GT054130.2000.GS			
GT064130.2000.GS	Countersunk-head screw M6×14, 4 pcs Hexagon nut M6, 4 pcs	Hexagon-head screw M10×45, 22 pcs	Hexagon-head screw M10×16, 2 pcs
GT084170.2000.GS		Hexagon nut M10, 22 pcs	T-nut M10, 2 pcs
GT108220.2000.GS			

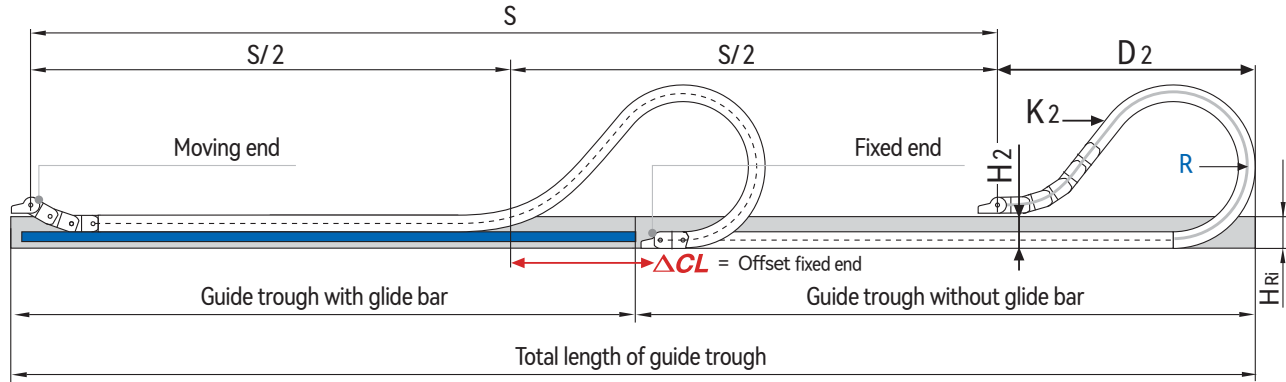
Part No.:

GT035070.2000.GS.GB.CB175.SN



Guide troughs | Steel guide troughs

*For center mount applications: Chain length = $S/2 + K_2$



C02.18 For long travels gliding applications | 10-75m

R	38	48	75	100	125	150
H ₂	76	96	150	100	100	100
D ₂ ⁺²⁵	102	112	139	340	495	540
K ₂	190	220	305	600	800	940
ΔCL	-	-	-	179	305	340

C02.25 For long travels gliding applications | 10-120m

R	55	75	100	125	150	175	200	225	250
H ₂	110	150	100	100	100	100	100	100	100
D ₂ ⁺²⁵	142	162	380	440	590	755	950	1040	1130
K ₂	265	330	644	736	1012	1242	1472	1610	1794
ΔCL	-	-	204	244	364	504	674	754	804

C02.35 For long travels gliding applications | 10-150m

R	63	75	100	125	150	175	200	250
H ₂	130	150	166	166	166	166	166	166
D ₂ ⁺²⁵	140	150	350	475	500	655	770	950
K ₂	335	375	616	784	896	1120	1288	1624
ΔCL	-	-	144	244	244	374	464	594

C02.45 For long travels gliding applications | 10-150m

R	75	100	125	150	200	250	300
H ₂	150	200	186	186	186	186	186
D ₂ ⁺²⁵	208	233	475	570	780	1010	1150
K ₂	370	450	804	1005	1340	1675	1943
ΔCL	-	-	233	303	463	643	733

C03.32 & C03H.32 For long travels gliding applications | 10-200m

R	63	75	100	125	150	175	200	225	250	300
H ₂	126	150	166	166	166	166	166	166	166	166
D ₂ ⁺²⁵	146	158	370	470	500	655	770	900	930	1100
K ₂	310	350	616	784	896	1120	1288	1456	1568	1904
ΔCL	-	-	160	210	240	370	460	540	570	690

C03.42 & C03H.42 For long travels gliding applications | 12-300m

R	75	100	125	150	175	200	250	300	350
H ₂	150	200	186	186	186	186	186	186	186
D ₂ ⁺²⁵	174	199	475	570	670	780	1030	1150	1500
K ₂	370	450	804	938	1139	1340	1675	1943	2412
ΔCL	-	-	230	300	380	460	660	730	1030

C03.56 & C03H.56 For long travels gliding applications | 12-400m

R	135	150	175	200	250	300	350	400	450	500
H ₂	270	266	266	266	266	266	266	266	266	266
D ₂ ⁺²⁵	268	450	580	710	980	1180	1440	1530	1700	1850
K ₂	610	819	1092	1274	1638	2002	2275	2548	2912	3276
ΔCL	-	159	259	359	559	709	905	959	1059	1159

C03.80 & C03H.80 For long travels gliding applications | 12-400m

R	150	200	250	300	350	400	450	500
H ₂	242	242	242	242	242	242	242	242
D ₂ ⁺²⁵	550	800	1000	1200	1450	1600	1850	2100
K ₂	890	1330	1665	2000	2330	2660	3050	3440
ΔCL	189	389	539	689	889	989	1189	1389

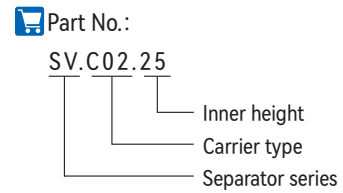
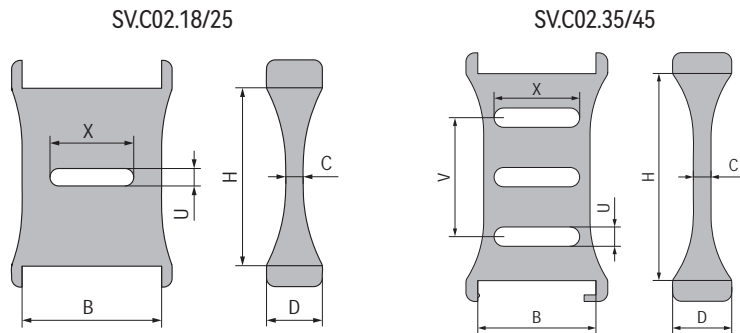
Accessories | Separators

■ C02 Vertical separators



- The separator separates inside space of the carrier to protect cables, oil hoses, gas hoses, etc.
- Separator with high strength, can be firmly fitted in carrier
- Quickly and easily installation

Standard dimensions



Part No.	Part No.	H ⁰ _{-0.25} [mm]	X [mm]	V [mm]	C [mm]	D [mm]	U [mm]	B [mm]
SV.C02.18	SV.C02E.18	18	12	/	2.5	8	3	20
SV.C02.25	SV.C02E.25	25	12	/	2.5	8	3	20
SV.C02.35	SV.C02E.35	35	12	14.6	3	10	3	20
SV.C02.45	SV.C02E.45	45	12	18	3	10	3	22



Move freely along the crossbar

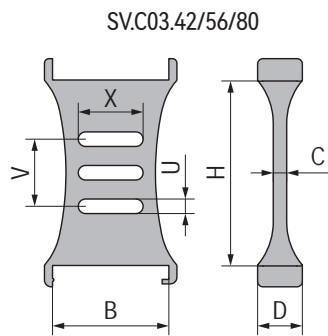
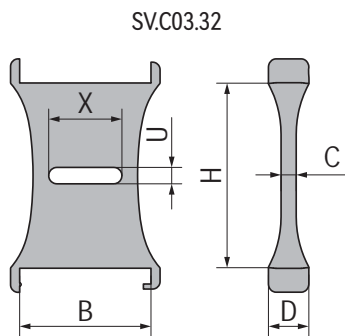
Accessories | Separators

C03 Vertical separators



- The separator separates inside space of the carrier to protect cables, oil hoses, gas hoses, etc.
- Separator with high strength, can be firmly fitted in carrier
- Quickly and easily installation

Standard dimensions



Part No.:
SV.C03.32
 Inner height
 Carrier type
 Separator series

Part No.	$H_{0.25}^0$ [mm]	X [mm]	V [mm]	C [mm]	D [mm]	U [mm]	B [mm]
SV.C03.32	32	12	/	3	8	3	26
SV.C03.42	42	12	17	3	10	3	26
SV.C03.56	56	15	22.7	4	12	4	30
SV.C03.80	80	15	40	4	10	4	30



Move freely along the crossbar

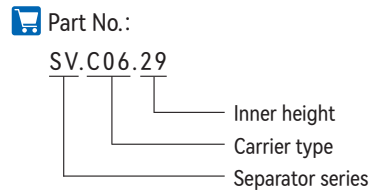
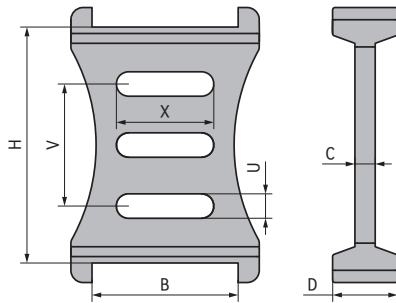
Accessories | Separators

■ C06 Vertical separators



- The separator separates inside space of the carrier to protect cables, oil hoses, gas hoses, etc.
- Separator with high strength, can be firmly fitted in carrier
- Quickly and easily installation

Standard dimensions



Part No.	$H_{0.25}^0$ [mm]	X [mm]	V [mm]	C [mm]	D [mm]	U [mm]	B [mm]
SV.C06.29	29	12	15	2.5	8	3	18
SV.C06.35	35	12	18	2.5	8	3	18
SV.C06.40	40	12	20	2.5	10	12	20
SV.C06.52	52	12	25	2.5	10	12	20



Move freely along the crossbar

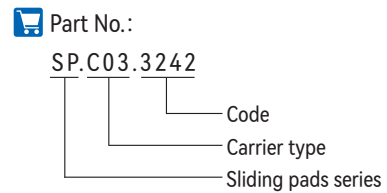
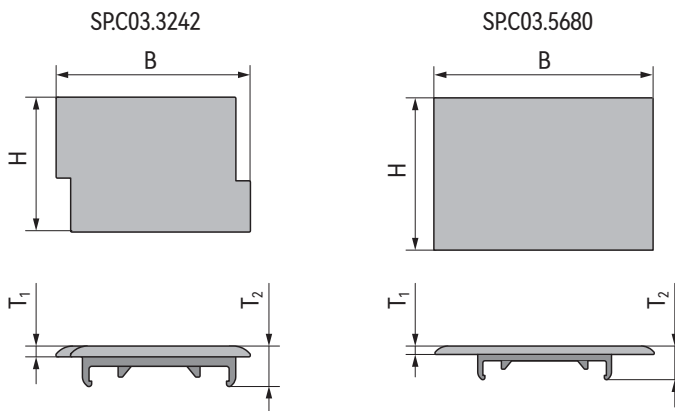
Accessories | Sliding pads for cable carriers

■ Horizontal separators-Sliding pads for cable carriers



- Used for C03 cable carriers long stroke protection
- Made of friction-optimized wear-resistant composite plastic
- Rugged and durable, extend the life of the cable carrier
- Supplied as a individual component

Standard dimensions



Part No.	Suitable for carriers	B [mm]	H [mm]	T ₁ [mm]	T ₂ [mm]	Weight [g]
SPC03.3242	C03.32, C03.42, C03H.32, C03H.42	37	25	2	7.5	3.5
SPC03.5680	C03.56, C03.80, C03H.56, C03H.80	53	36	2	8	7



Removable and easy to install



Without sliding pads



Assembled sliding pads

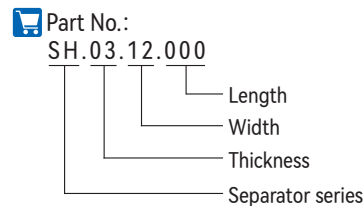
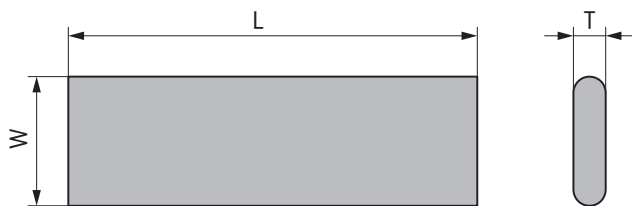
Accessories | Separators

■ Horizontal separators



- Horizontal separators are available for many diameter cable applications
- Three different height for C03.42 and C03.56
- The vertical separator in the horizontal separator can move freely in the horizontal direction

Standard dimensions

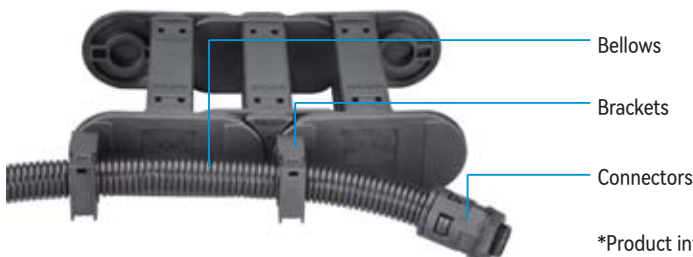


Part No.	L [mm]	W [mm]	T [mm]	Weight [g]
SH.03.12.038	38	12	3	2.5
SH.03.12.048	48	12	3	3.2
SH.03.12.050	50	12	3	3.3
SH.03.12.057	57	12	3	3.8
SH.03.12.060	60	12	3	4.0
SH.03.12.067	67	12	3	4.5
SH.03.12.075	75	12	3	5.0
SH.03.12.077	77	12	3	5.1
SH.03.12.080	80	12	3	5.3
SH.03.12.087	87	12	3	5.8
SH.03.12.100	100	12	3	6.6
SH.03.12.103	103	12	3	6.8
SH.03.12.125	125	12	3	8.3
SH.03.12.150	150	12	3	9.9
SH.03.12.175	175	12	3	11.6
SH.03.12.200	200	12	3	13.2
SH.04.15.100	100	15	4	11.0
SH.04.15.125	125	15	4	13.8
SH.04.15.150	150	15	4	16.6
SH.04.15.175	175	15	4	19.3
SH.04.15.200	200	15	4	22.1
SH.04.15.225	225	15	4	24.9
SH.04.15.250	250	15	4	27.6

Plastic cable carriers	Cable carrier specifications	Horizontal separators	Max. installation quantities [pcs/link]
C02 Universal cable carriers	C02.18	SH.03.12.000	1
	C02.25	SH.03.12.000	1
	C02.35	SH.03.12.000	1
	C02.45	SH.03.12.000	2
C02E ESD cable carriers	C02E.18	SH.03.12.000	1
	C02E.25	SH.03.12.000	1
	C02E.35	SH.03.12.000	1
	C02E.45	SH.03.12.000	2
C03 High load cable carriers	C03.32	SH.03.12.000	1
	C03.42	SH.03.12.000	2
	C03.56	SH.04.15.000	3
	C03.80	SH.04.15.000	3
C03H High-strength cable carriers	C03H.32	SH.03.12.000	1
	C03H.42	SH.03.12.000	2
	C03H.56	SH.04.15.000	3
	C03H.80	SH.04.15.000	3

Accessories | Bellows

Cable carriers part No.	Inner height [mm]	Outer height [mm]	Bellows	Brackets	Bellows outer diameter [mm]
C02.35	35	50	AD13.0 to AD25.0	VHB-AD13.0 to VHB-AD25.0	≤25
C02.45	45	64	AD13.0 to AD28.5	VHB-AD13.0 to VHB-AD28.5	≤28.5
C03.32	32	54	AD13.0 to AD21.2	VHB-AD13.0 to VHB-AD21.2	≤21.2
C03.42	42	64	AD13.0 to AD28.5	VHB-AD13.0 to VHB-AD28.5	≤28.5
C03.56	56	84	AD13.0 to AD42.5	VHB-AD13.0 to VHB-AD42.5	≤42.5
C03.80	80	108	AD13.0 to AD54.5	VHB-AD13.0 to VHB-AD54.5	≤54.5



*Product information: P130-P136

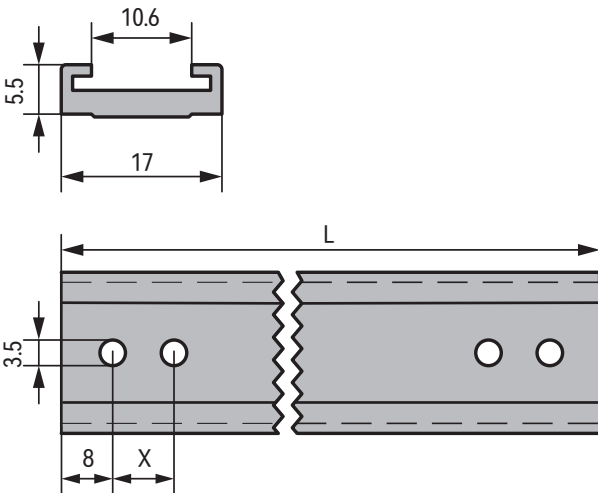
Accessories | Strain relief elements


■ C02 C-profile brackets

Mounted on the inside of the carrier brackets

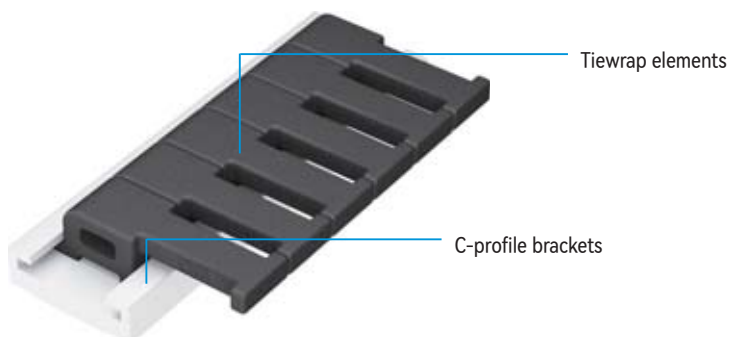


- Aluminum alloy, surface anodized
- The tiewrap elements can move within the guide slot



 Part No.:
CB.C02.038.AL
 — Materials: Aluminum
 — Inner width
 — Carrier series
 — Bracket series

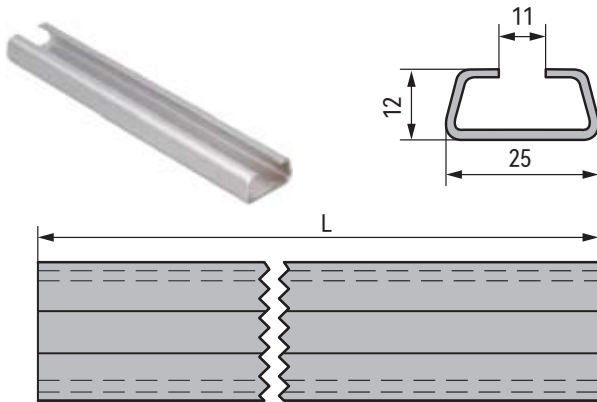
Part No.	X (C02.18/25) [mm]	X (C02.35/45) [mm]	L [mm]
CB.C02.038.AL	8	10	38
CB.C02.048.AL	8	10	48
CB.C02.050.AL	8	10	50
CB.C02.057.AL	8	10	57
CB.C02.060.AL	8	10	60
CB.C02.067.AL	8	10	67
CB.C02.077.AL	8	10	77
CB.C02.080.AL	8	10	80
CB.C02.087.AL	8	10	87
CB.C02.100.AL	8	10	100
CB.C02.103.AL	8	10	103
CB.C02.125.AL	8	10	125
CB.C02.150.AL	8	10	150
CB.C02.175.AL	8	10	175



Accessories | Strain relief elements

■ C03 C-profile brackets

Mounted on the inside of the carrier brackets

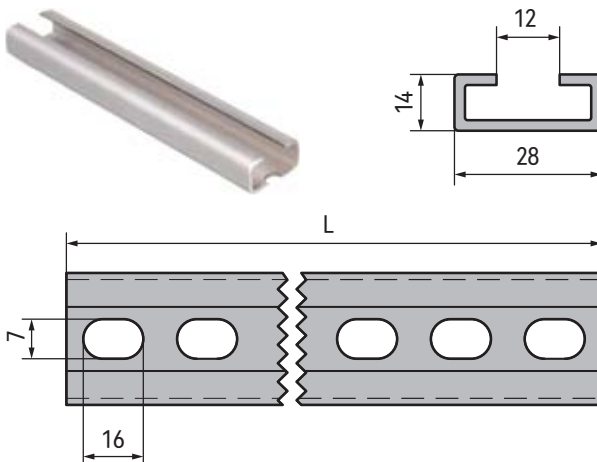


Part No.:
CB.C03.050.ES
 — Stainless steel
 — Inner width
 — Carrier series
 — Bracket series

Part No.	L [mm]
CB.C03.050.ES	50
CB.C03.075.ES	75
CB.C03.100.ES	100
CB.C03.125.ES	125
CB.C03.150.ES	150
CB.C03.175.ES	175
CB.C03.200.ES	200
CB.C03.225.ES	225
CB.C03.250.ES	250

■ C03 C-profile bracket for heavy-duty applications

Mounted on the outside of the carrier brackets

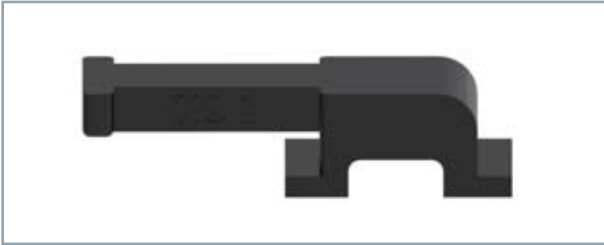


Part No.:
CB.HD.050.ES
 — Stainless steel
 — Inner width
 — Heavy-duty series
 — Bracket series

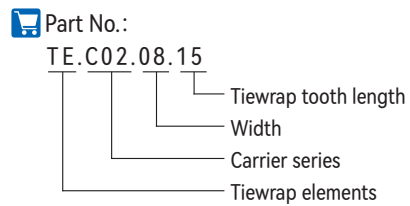
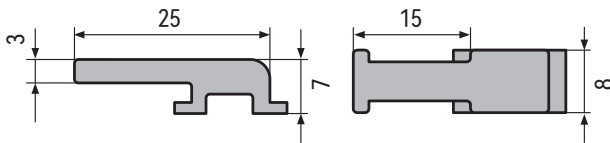
Part No.	L [mm]
CB.HD.050.ES	50
CB.HD.075.ES	75
CB.HD.100.ES	100
CB.HD.125.ES	125
CB.HD.150.ES	150
CB.HD.175.ES	175
CB.HD.200.ES	200
CB.HD.225.ES	225
CB.HD.250.ES	250

Accessories | Strain relief elements

■ C02 Tiewrap elements



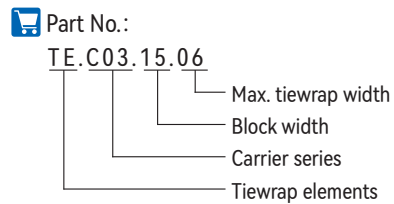
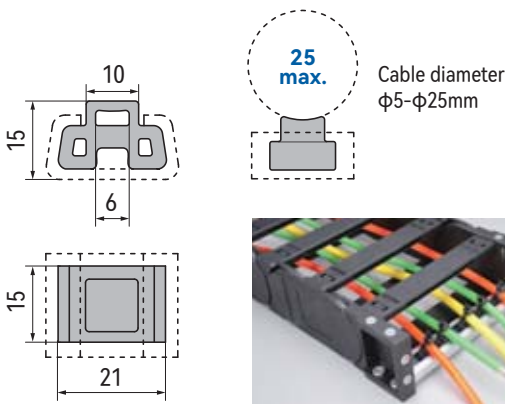
- Available as an individual component
- Can be clipped into C-profile bracker
- Easy to assemble and fix cables
- Save assemble time and space, compact modular design



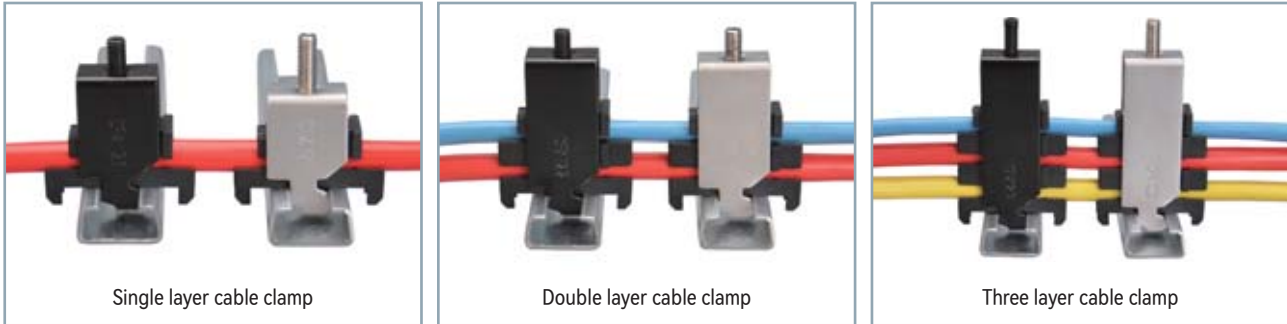
■ C03 Tiewrap elements



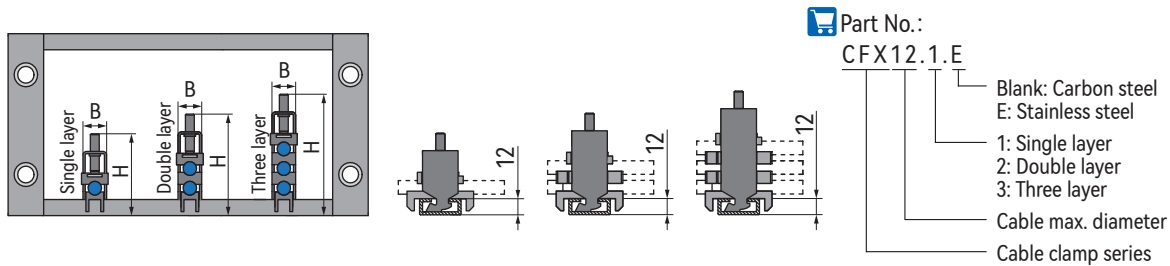
- Available as an individual component
- Used with C-profile bracker and tiewraps
- Easy to assemble and fix cables
- Save assemble time and space, compact modular design



Accessories | Cable clamp



Standard dimensions



Single layer cable clamp:

Part No. (Carbon steel)	Part No. (Stainless steel)	Diameter [mm]	B [mm]	H [mm]	Weight [g]
CFX12.1	CFX12.1.E	06-12	16	48	30
CFX14.1	CFX14.1.E	12-14	18	50	33
CFX16.1	CFX16.1.E	14-16	20	52	36
CFX18.1	CFX18.1.E	16-18	22	54	39
CFX20.1	CFX20.1.E	18-20	24	56	42
CFX22.1	CFX22.1.E	20-22	26	58	45

Part No. (Carbon steel)	Part No. (Stainless steel)	Diameter [mm]	B [mm]	H [mm]	Weight [g]
CFX26.1	CFX26.1.E	22-26	30	67	48
CFX30.1	CFX30.1.E	26-30	34	71	48
CFX34.1	CFX34.1.E	30-34	38	75	51
CFX38.1	CFX38.1.E	34-38	42	79	54
CFX42.1	CFX42.1.E	38-42	46	83	60

Double layer cable clamp:

Part No. (Carbon steel)	Part No. (Stainless steel)	Diameter [mm]	B [mm]	H [mm]	Weight [g]
CFX12.2	CFX12.2.E	06-12	16	69	47
CFX14.2	CFX14.2.E	12-14	18	71	52
CFX16.2	CFX16.2.E	14-16	20	75	57
CFX18.2	CFX18.2.E	16-18	22	79	62
CFX20.2	CFX20.2.E	18-20	24	83	67

Part No. (Carbon steel)	Part No. (Stainless steel)	Diameter [mm]	B [mm]	H [mm]	Weight [g]
CFX22.2	CFX22.2.E	20-22	26	87	72
CFX26.2	CFX26.2.E	22-26	30	105	77
CFX30.2	CFX30.2.E	26-30	34	113	82
CFX34.2	CFX34.2.E	30-34	38	121	88

Three layer cable clamp:

Part No. (Carbon steel)	Part No. (Stainless steel)	Diameter [mm]	B [mm]	H [mm]	Weight [g]
CFX12.3	CFX12.3.E	06-12	16	86	64
CFX14.3	CFX14.3.E	12-14	18	92	69
CFX16.3	CFX16.3.E	14-16	20	98	74
CFX18.3	CFX18.3.E	16-18	22	104	79

Part No. (Carbon steel)	Part No. (Stainless steel)	Diameter [mm]	B [mm]	H [mm]	Weight [g]
CFX20.3	CFX20.3.E	18-20	24	110	84
CFX22.3	CFX22.3.E	20-22	26	116	89
CFX26.3	CFX26.3.E	24-26	30	128	99
CFX30.3	CFX30.3.E	28-30	34	140	109

BL Bellows



BL bellows is suitable for use in general mechanical applications, The good anti-freezing ability and self-extinguishing properties can be used in automotive industries. The bellows keep high impact resistance in cold temperatures and good weather resistance.

- Self-extinguishing class V2
- Made of polyamide with specially modified to withstand freezing temperatures
- Halogen and cadmium free, high impact resistance, even at low temperatures
- Temperature range: -40°C to +105°C; short-term: +150°C
- Chemical resistance: Against fuels, mineral oils, greases, alkalis, weak acids and bases, etc.



Flammability Class
UL94 V2



RoHS certification



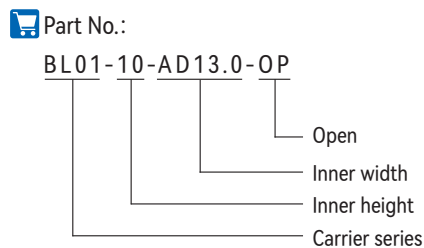
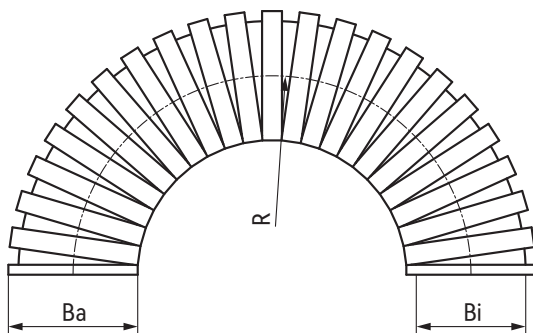
Torsional motion possible

BL01 Bellows



Standard dimensions

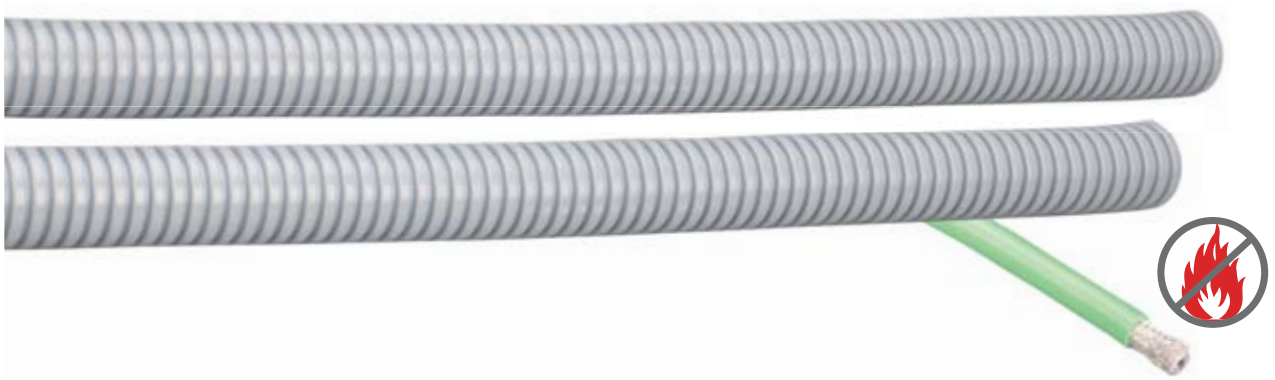
Part No. (Close)	Part No. (Open)	Bi		Ba	R	Max. tension strength [N]	Strain at break [%]	Max. length [m]	Weight [kg/m]
		Inner diameter [mm]	Outer diameter [mm]	Outer diameter [mm]	Bend radius [mm]				
BL01-06-AD10.0	BL01-06-AD10.0-OP	6.0	10.0	10.0	16	200	120%	100	0.018
BL01-10-AD13.0	BL01-10-AD13.0-OP	10.0	13.0	13.0	20	350	120%	100	0.023
BL01-12-AD15.8	BL01-12-AD15.8-OP	12.0	15.8	15.8	30	500	150%	100	0.033
BL01-14-AD18.5	BL01-14-AD18.5-OP	14.3	18.5	18.5	40	650	160%	100	0.042
BL01-17-AD21.2	BL01-17-AD21.2-OP	17.0	21.2	21.2	45	850	200%	100	0.054
BL01-20-AD25.0	BL01-20-AD25.0-OP	20.0	25.0	25.0	45	1000	200%	100	0.062
BL01-23-AD28.5	BL01-23-AD28.5-OP	23.0	28.5	28.5	50	1100	200%	50	0.084
BL01-26-AD32.0	BL01-26-AD32.0-OP	26.0	32.0	32.0	55	1200	200%	50	0.093
BL01-29-AD34.5	BL01-29-AD34.5-OP	29.0	34.5	34.5	60	1600	200%	50	0.104
BL01-36-AD42.5	BL01-36-AD42.5-OP	36.0	42.5	42.5	70	1800	200%	50	0.138
BL01-48-AD54.5	BL01-48-AD54.5-OP	48.0	54.5	54.5	90	2800	200%	25	0.224



Accessories

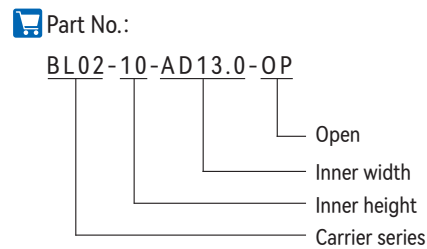
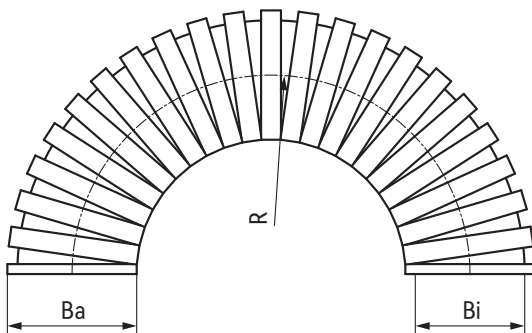


BL02 Bellows



Standard dimensions

Part No. (Close)	Part No. (Open)	Bi	Ba	R	Max. tension strength [N]	Strain at break [%]	Max. length [m]	Weight [kg/m]
		Inner diameter [mm]	Outer diameter [mm]	Bend radius [mm]				
BL02-10-AD13.0	BL02-10-AD13.0-OP	10.0	13.0	20	350	120%	100	0.023
BL02-12-AD15.8	BL02-12-AD15.8-OP	12.0	15.8	30	500	150%	100	0.033
BL02-14-AD18.5	BL02-14-AD18.5-OP	14.3	18.5	40	650	160%	100	0.042
BL02-17-AD21.2	BL02-17-AD21.2-OP	17.0	21.2	45	850	200%	100	0.054
BL02-20-AD25.0	BL02-20-AD25.0-OP	20.0	25.0	45	1000	200%	100	0.062
BL02-23-AD28.5	BL02-23-AD28.5-OP	23.0	28.5	50	1100	200%	50	0.084
BL02-29-AD34.5	BL02-29-AD34.5-OP	29.0	34.5	60	1600	200%	50	0.104
BL02-36-AD42.5	BL02-36-AD42.5-OP	36.0	42.5	70	1800	200%	50	0.138
BL02-48-AD54.5	BL02-48-AD54.5-OP	48.0	54.5	90	2800	200%	25	0.224



Accessories



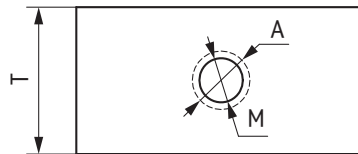
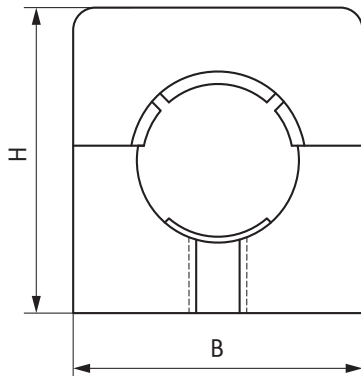
Accessories | Brackets

VHB-GY Brackets



- Compact modular design to save installation time, space and cost
- Long life and safety in use
- Excellence in impact strength

Standard dimensions



Part No.:

VHB-AD13.0-GY

Blank: Black
GY: Grey
Bellows
Series

Part No.	Part No.	Bellows	B [mm]	H [mm]	T [mm]	M [mm]	A [mm]	Weight [g]
VHB-AD13.0	VHB-AD13.0-GY	AD13.0	30	26	12.5	4.5	8.0	7.4
VHB-AD15.8	VHB-AD15.8-GY	AD15.8	30	26	12.5	5.0	8.5	7.4
VHB-AD18.5	VHB-AD18.5-GY	AD18.5	35	33	15.0	6.0	10.0	9.0
VHB-AD21.2	VHB-AD21.2-GY	AD21.2	35	34	15.0	6.0	10.0	9.0
VHB-AD25.0	VHB-AD25.0-GY	AD25.0	42	38	16.0	6.0	11.5	10.6
VHB-AD28.5	VHB-AD28.5-GY	AD28.5	42	42	16.0	6.0	11.5	10.6
VHB-AD34.5	VHB-AD34.5-GY	AD34.5	51	52	16.0	6.5	12.0	12.2
VHB-AD42.5	VHB-AD42.5-GY	AD42.5	58	59	18.0	6.5	12.0	13.8
VHB-AD54.5	VHB-AD54.5-GY	AD54.5	73	74	20.0	7.0	12.5	15.4

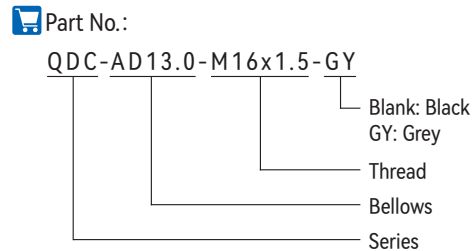
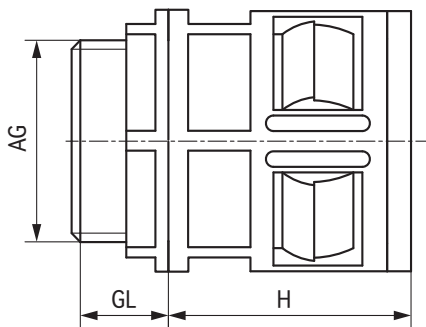
Accessories | Quick connectors

■ QDC Quick connectors



- Compact modular design reduces cost and provides less installation time and space
- Wide range of applications for maximum safety and sealing performance
- Great durability, anti-aging, safe to use, long life
- Excellent impact strength

Standard dimensions



Part No.	Part No.	Bellows	Thread [mm]	AG Outer diameter [mm]	AG Inner diameter [mm]	GL [mm]	H [mm]	Weight [g]
QDC-AD13.0-M16x1.5	QDC-AD13.0-M16x1.5-GY	AD13.0	M16x1.5	16	12	10	25	2.2
QDC-AD15.8-M16x1.5	QDC-AD15.8-M16x1.5-GY	AD15.8	M16x1.5	16	12	12	28	2.7
QDC-AD18.5-M20x1.5	QDC-AD18.5-M20x1.5-GY	AD18.5	M20x1.5	20	15	12	28	2.7
QDC-AD21.2-M20x1.5	QDC-AD21.2-M20x1.5-GY	AD21.2	M20x1.5	20	15	12	31	3.7
QDC-AD25.0-M25x1.5	QDC-AD25.0-M25x1.5-GY	AD25.0	M25x1.5	25	20	11	33	4.2
QDC-AD28.5-M25x1.5	QDC-AD28.5-M25x1.5-GY	AD28.5	M25x1.5	25	20	13	34	4.5
QDC-AD34.5-M32x1.5	QDC-AD34.5-M32x1.5-GY	AD34.5	M32x1.5	32	26	15	36	9.2
QDC-AD42.5-M40x1.5	QDC-AD42.5-M40x1.5-GY	AD42.5	M40x1.5	40	34	15	39	10.9
QDC-AD54.5-M50x1.5	QDC-AD54.5-M50x1.5-GY	AD54.5	M50x1.5	50	43	15	39	16.6

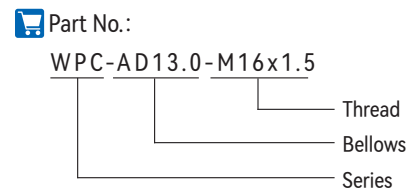
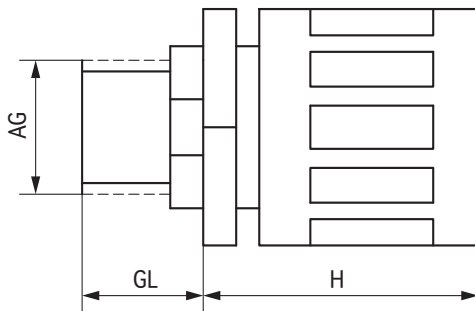
Accessories | Water-proof connectors

■ WPC Water-proof connectors



- Waterproof grade IP68
- Compact modular design, easy to installation, safe to use, cost less
- Reliable waterproof performance with sealing ring, strong tensile strength
- Not easy to age, safe to use, long service life
- Excellent impact strength

Standard dimensions



Part No.	Bellows	Thread [mm]	AG Outer diameter [mm]	GL [mm]	H [mm]	Weight [g]
WPC-AD13.0-M16x1.5	AD13.0	M16x1.5	16	15	25	2.2
WPC-AD15.8-M16x1.5	AD15.8	M16x1.5	16	15	28	2.7
WPC-AD18.5-M20x1.5	AD18.5	M20x1.5	20	15	28	2.7
WPC-AD21.2-M20x1.5	AD21.2	M20x1.5	20	15	28	3.7
WPC-AD25.0-M25x1.5	AD25.0	M25x1.5	25	15	28	4.2
WPC-AD28.5-M25x1.5	AD28.5	M25x1.5	25	15	28	4.5
WPC-AD34.5-M32x1.5	AD34.5	M32x1.5	32	15	30	9.2
WPC-AD42.5-M40x1.5	AD42.5	M40x1.5	40	15	35	10.9
WPC-AD54.5-M50x1.5	AD54.5	M50x1.5	50	25	55	16.6

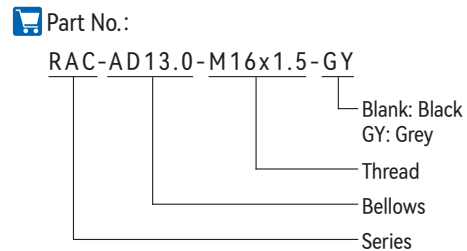
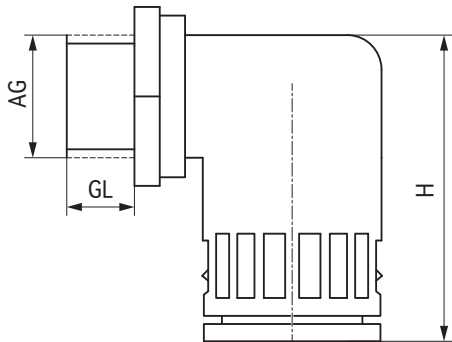
Accessories | Right-angle connectors

■ RAC Right-angle connectors



- Compact modular design saves installation time and space, as well as cost
- Wide range of applications, maximum safety and sealing performance
- Application safely, long life, good durability
- Excellent impact strength

Standard dimensions



Part No.	Part No.	Bellows	Thread [mm]	AG Outer diameter [mm]	GL [mm]	H [mm]	Weight [g]
RAC-AD13.0-M16x1.5	RAC-AD13.0-M16x1.5-GY	AD13.0	M16x1.5	15	10	37	3.3
RAC-AD15.8-M16x1.5	RAC-AD15.8-M16x1.5-GY	AD15.8	M16x1.5	16	13	43	4.3
RAC-AD18.5-M20x1.5	RAC-AD18.5-M20x1.5-GY	AD18.5	M20x1.5	20	13	46	5.3
RAC-AD21.2-M20x1.5	RAC-AD21.2-M20x1.5-GY	AD21.2	M20x1.5	20	13	49	6.3
RAC-AD25.0-M25x1.5	RAC-AD25.0-M25x1.5-GY	AD25.0	M25x1.5	25	13	52	7.3
RAC-AD28.5-M25x1.5	RAC-AD28.5-M25x1.5-GY	AD28.5	M25x1.5	25	13	57	8.3
RAC-AD34.5-M32x1.5	RAC-AD34.5-M32x1.5-GY	AD34.5	M32x1.5	32	15	65	10.3
RAC-AD42.5-M40x1.5	RAC-AD42.5-M40x1.5-GY	AD42.5	M40x1.5	40	15	78	12.3
RAC-AD54.5-M50x1.5	RAC-AD54.5-M50x1.5-GY	AD54.5	M50x1.5	50	17	95	16.3

FLEXMOV®

Flexible cables

FLEXMOV® flexible cables include control cables, data cables, servo cables, motor cables, bus cables, robot cables, etc.; suitable for moving applications in DURAMOV® cable carriers or for robot applications. FLEXMOV® Flexible Cables meet the requirements for cable safety and the standards and guidelines such as RoHS, Reach, ICE, EAC, Interbus and Profibus. Various jacket materials such as PVC, PUR and TPE are available to meet trouble-free operation in extreme environments such as indoors or outdoors.



FLEXMOV®
FMC Control cables



FLEXMOV®
FMD Data cables



FLEXMOV®
FMB Bus cables



FLEXMOV®
FMM Motor cables



FLEXMOV®
FMV Servo cables























FLEXMOV®
FME Measuring cables



<https://www.csb-ep.com>













FLEXMOV® Flexible cables

Series	Part No.	Outer jacket	Shield	Min. bending radius Moving in cable carriers [mm]	Temperature Moving in cable carriers	v max. [m/s]		a max. [m/s ²]
						Unsupported	Gliding	
FMC Control cables								
	FMC600	PVC	-	12.5 x d	+70°C/+5°C	3	-	20
	FMC603	PVC	-	7.5 x d	+70°C/+5°C	3	2	20
	FMC605	PVC	-	6.8 x d	+70°C/+5°C	10	5	80
	FMC610	PVC	✓	12.5 x d	+70°C/+5°C	3	-	20
	FMC616	PVC	✓	6.8 x d	+70°C/+5°C	10	5	80
	FMC800	PUR	-	12.5 x d	+80°C/-20°C	3	-	20
	FMC810	PUR	✓	12.5 x d	+80°C/-20°C	3	-	20
	FMC900	TPE	-	5 x d	+100°C/-35°C	10	6	100
	FMC901	TPE	-	5 x d	+100°C/-35°C	10	6	100
	FMC905	TPE	✓	5 x d	+100°C/-35°C	10	6	100
	FMC907	PUR	-	6.8 x d	+80°C/-25°C	10	5	80
	FMC912	TPE	✓	5 x d	+100°C/-35°C	10	6	100
	FMC918	PUR	✓	6.8 x d	+80°C/-25°C	10	5	80
FMD Data cables								
	FMD611	PVC	✓	7.5 x d	+70°C/+5°C	5	3	50
	FMD612	PVC	✓	10 x d	+70°C/+5°C	3	2	20
	FMD900	TPE	✓	6.8 x d	+100°C/-35°C	10	6	100
	FMD910	PUR	✓	10 x d	+80°C/-25°C	3	2	20
FMB Bus cables								
	FMB610	PVC	✓	12.5 x d	+70°C/+5°C	3	2	30
	FMB910	TPE	✓	10 x d	+70°C/-35°C	10	6	100
	FMB911	PUR	✓	12.5 x d	+70°C/-20°C	3	2	30

○ Inapplicable ◐ Medium ● High

Properties and approvals	UV-resistance	Hydrolysis-resistance	Cold-resistant	Flame resistance	Oil resistance	Halogen-free	Torsion
						HF Halogen Free	
	○	○	○	●	○	-	○
	○	○	○	●	○	-	◐
	◐	○	○	●	◐	-	◐
	○	○	○	●	○	-	○
	◐	○	○	●	◐	-	○
	◐	○	●	○	◐	-	○
	●	●	●	○	●	√	◐
	●	●	●	●	●	-	◐
	●	●	●	○	●	√	○
	◐	●	●	●	●	√	●
	●	●	●	●	●	-	○
	◐	●	●	●	●	√	○
	○	○	○	●	◐	-	○
	○	○	○	●	◐	-	○
	●	●	●	○	●	√	○
	◐	●	●	●	●	√	○
	◐	○	○	●	◐	-	○
	◐	●	●	●	●	-	○
	◐	●	●	●	●	√	○

FLEXMOV® Flexible cables

Series	Part No.	Outer jacket	Shield	Min. bending radius Moving in cable carriers [mm]	Temperature Moving in cable carriers	v max. [m/s]		a max. [m/s ²]
						Unsupported	Gliding	
FMM Motor cables								
	FMM600	PVC	-	7.5 x d	+70°C/+5°C	10	5	80
	FMM610	PVC	✓	7.5 x d	+70°C/+5°C	10	5	80
	FMM900	TPE	-	7.5 x d	+90°C/-35°C	10	6	100
	FMM902	TPE	-	7.5 x d	+90°C/-35°C	10	6	100
	FMM903	TPE	-	7.5 x d	+90°C/-35°C	10	6	80
	FMM907	TPE	-	7.5 x d	+90°C/-35°C	10	6	80
	FMM912	TPE	✓	7.5 x d	+90°C/-35°C	10	6	100
	FMM917	TPE	✓	7.5 x d	+90°C/-35°C	10	6	80
FMV Servo cables								
	FMV610	PVC	✓	7.5 x d	+70°C/+5°C	10	5	80
	FMV910	PUR	✓	10 x d	+80°C/-25°C	10	2	50
FME Measuring system cables								
	FME911	TPE	✓	7.5 x d	+90°C/-35°C	10	6	100
	FME913	PUR	✓	7.5 x d	+80°C/-25°C	10	5	50

○ Inapplicable ● Medium ● High

Properties and approvals	UV-resistance	Hydrolysis-resistance	Cold-resistant	Flame resistance	Oil resistance	Halogen-free	Torsion
						HF Halogen Free	
	●	○	○	●	●	-	●
	●	○	○	●	●	-	○
	●	●	●	●	●	-	●
	●	●	●	○	●	✓	●
	●	●	●	●	●	-	●
	●	●	●	○	●	✓	●
	●	●	●	○	●	✓	○
	●	○	○	●	●	-	○
	●	●	●	●	●	✓	○
	●	●	●	○	●	✓	○
	●	●	●	●	●	✓	○

Cables
FLEXMOV®

www.csb-ep.com
sales@csb-ep.com

Tel: 0086 573 84187009

Acknowledgement:

The information and data, contained in the catalogue, are induced by our understanding of the stated products. These information and data are only references during the user designation and application. The designation and application data provided by CSB® could not be directly applied to the real application conditions. A specific test is recommended for the practical application environment to ensuring the suitable use of CSB® products. Any damages or lost caused by improper use of CSB® bearings will not be warranted by CSB®. Due to the materials and techniques are continuously updated, we reserve the right to change the necessary data and information without advanced notice in time.

[Https: //www.csb-ep.com](https://www.csb-ep.com)

Zhejiang CSB Plastic Bearing Technology Co.,Ltd.
Add: No.6, Fenu Road, Huimin Sub-district, Jiashan, Zhejiang, China
Zip Code: 314100
Tel: 0086 573 84187009/84187672
E-mail: sales@csb-ep.com

Zhejiang Changsheng Sliding Bearing Co., Ltd.
Add: No.6 Xinda Road, Economic Development Zone, Jiashan, Zhejiang, China.
[Https: //www.csb.com.cn](https://www.csb.com.cn)

▣ **CSB PLASTIC distributor**



CSB/CAT.067
Print:09/2024