BMG

KabelSchlepp

CABLE CARRIER SYSTEMS & EXPRESS STOCK

Overview

ISO 9001 Certified

INDEX

DESCRIPTION

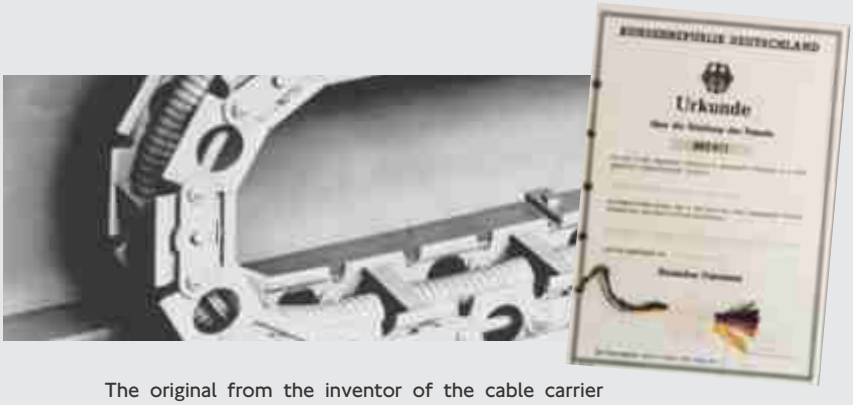
ONLY WITH ENERGY CAN YOU GET THINGS MOVING.

KABELSCHLEPP is a long standing global player in the field of cable and hose carrier systems. The story of our success began in 1954 with the invention of the steel cable carrier. A world market has since grown out of our idea and we have continued to set the standard in the market with our innovative solutions.

A world market has since grown out of our idea and we have continued to set the standard in the market with our innovative solutions. Our cable carrier systems can be found in use worldwide, ranging from standard applications like machine tools, cranes, car-wash systems and medical and laboratory technologies, to more complex applications such as industrial robots, offshore oil rigs and even aerospace.

Alongside a comprehensive selection of standard solutions, which are immediately available ex-stock from our warehouse, we can also offer customized solutions developed specifically to meet your individual needs.

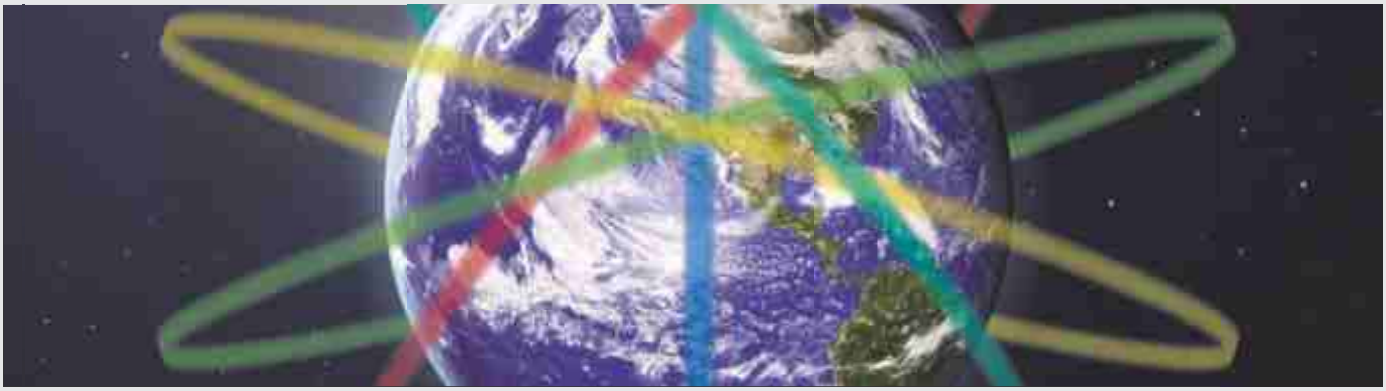
Always the right cable carrier - made of steel or plastic - available in standard widths or customised to the exact mm to fit any application. As a total solution provider, KABELSCHLEPP can also supply fully harnessed systems with cables and connectors pre-installed.



The original from the inventor of the cable carrier

KABELSCHLEPP + TSUBAKI = MORE

KABELSCHLEPP is now integrated into the Tsubaki Group and made responsible for managing the worldwide cable carrier systems business. For more than 40 years, both companies have been close cooperative partners. With this integration, we will leverage our successful business relationship in one strategic enterprise.



MORE Product Solutions

An expanded product portfolio of TSUBAKI products and KABELSCHLEPP cable carrier systems.

MORE Global Support

A unified global sales and support network extends to over 70 countries around the world, providing service and support when amd where you need it most.

MORE Innovations

A combined global R&D with even more resources ensures a quicker response to our customer's needs.

MORE Value

Together we will continue to prove our reputation as one of the industry's "Best Value" supplier in the industry.

MORE Regional Service

A combined TSUBAKI and KABELSCHLEPP sales force provides added local support. KABELSCHLEPP products are also now available through the TSUBAKI network of distributors.

KABELSCHLEPP

A member of the TSUBAKI GROUP

DESCRIPTION

The material choice depends on your application

Every application presents different demands of the cable carrier system. To deliver a system that is perfectly fit to the application, KABELSCHLEPP produces cable carrier systems in different materials. According to the application, either full-plastic hybrid (sideband made of plastic and stays made of aluminium) or steel / stainless steel cable carriers can be installed.

Quality Management

KABELSCHLEPP has implemented a Quality Management System in accordance with several standards like EN ISO 9001. Selected products are tested and certified by renowned third-party institutions.

APPLICATIONS

STANDARD applications

Solid plastic cable and hose carrier systems with fixed chain widths

Reliable cable and hose carrier systems with simple designs for standard applications. Due to its vast range of various carrier types and designs, KABELSCHLEPP can offer reliable and cost efficient solutions such as extremely compact designs, types with non-opening or opening crossbars for fast and easy cable installation, as well as tube style options for superior protection from chips and other debris.

- Cost-effective solutions for standard applications.
- Carrier types / designs with non - opening or opening crossbars.
- Many types / designs are available from stock worldwide.
- Fast cable installation by simply drawing the cables into the carrier cavity.
- Ideal for short travel lengths and high travel speeds.

ADVANCED applications

Cable and hose carrier systems with variable chain widths

Various design options are available for advanced applications. With more than 50000 design options, ranging from easy - to - open / snap - open or bolted - on frame stay systems to cavity extender systems guilding large vacuum hoses to enclosed tube frame stay systems that provide superior protection from dirt and debris, KABELSCHLEPP offers the ideal solution to fit any application. As an example, cable carriers with linkless design can operate at extreme speeds. Numerous frame stay options allow even the most complex cable configurations to be safely and efficiently partitioned within the carrier cavity.

- Aluminium frame stays available in 1mm width increments.
- Plastic frame stays customizable in 4, 8 or 16 mm width increments (dependant on series).
- Easy and quick opening to the inside or lutside radius.
- Light, heavy - duty or linkless carrier series.
- An ideal solution for challenging applications.

EXTREME applications

Steel / stainless steel cable carrier systems - solutions for example applications

Lubricant - free cable and hose carrier systems made of steel or stainless steel for applications in extreme environments. Steel and stainless steel carrier systems are the carrier choice for operation in extreme heat or the harshest environments. KABELSCHLEPP offers various carrier types and designs ranging from compact style to super - sized carriers. Customised cavity partitioning as well as aluminum cover systems provide optimum cable protection even under heavy mechanical loads / stress.

- Robust design for heavy mechanical loads.
- Allow for large additional loads and long unsupported travel lengths.
- Ideal for applications in extreme and harsh environments.
- Heat - resistant.

3D applications

Cable and hose carrier systems for 3D movements

ROBOTRAX - cable and hose carrier system for robotic applications - is safe and gentle on the cables. Downtimes are reduced to a minimum. The open - style design allows for fast and easy instillation and inspection of cables and hoses once installed. The ROBOTRAX series offers a vast assortment of accessories to perfectly fit the carrier system to the individual application. Solutions include accessories for impact protection, shock and vibration dampening, and heat sleeves for optimum cable protection

- Ideal for 3D multi - axis motion.
- Allows installation for swiveling and rotating movements
  - Same System can be used in robot base and arm
  - Can be equipped with a guide channel system, offering a universal solution for articulating arm robotic applications.
- Optimum protection for the longevity of cables and / or hoses
  - minimum bend radius of cables and hoses is maintained
  - Cables and / or hoses can be properly partitioned into three seperate compartments.

Standard Applications

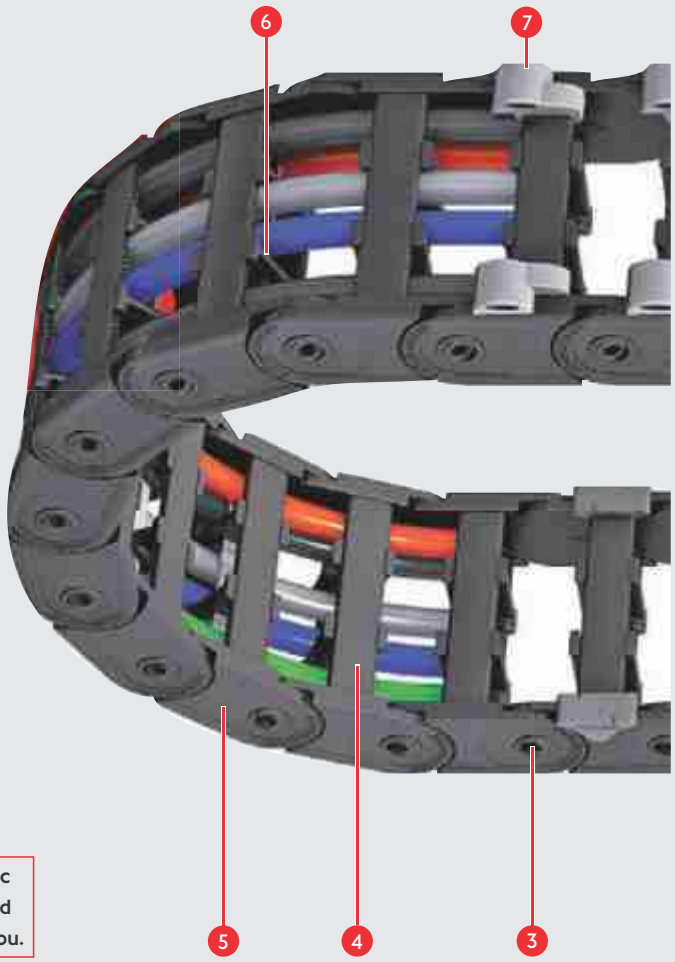
Solid plastic cable carriers with fixed chain widths

- Economically priced solutions for standard applications.
- Types with fixed or openable crossbars.
- Many types available immediately ex - stock worldwide.
- Fast and easy cable installation.
- Ideal for short travel paths and high travel speeds

Sub - division	Height	Width	Load
Simple	4,6 – 44 mm	6 – 250 mm	up to 10 kg/m

Travel path	Travel speed	Acceleration
up to 150 m	up to 10 m/s	up to 50 m/s2

These assigned values are average values. Depending on the specific application, the maximum values may differ significantly. For detailed information please contact our specialists. We are happy to assist you.



MONO

Cable carriers with simple design for standard applications

10 – 19
6 – 40

- Simple single piece chain links design with either non - opening or hinged opening crossbars.
- Simple and quick assembly.
- Compact design for operation in tight spaces.
- Mounting brackets with integrated strain relief.

Easy Trax

Extremely quick cable installation

4,6 – 18
15 – 50

- Very fast cable installation by simply drawing the cables into the carrier.
- Very high cavity utilisation due to innovative forward flexing crossbar design
- Reinforced sideband for added strength.
- Extensive long unsupported lengths.
- Very quiet - intergrated noise dampening system.
- Allows for high travel speeds.

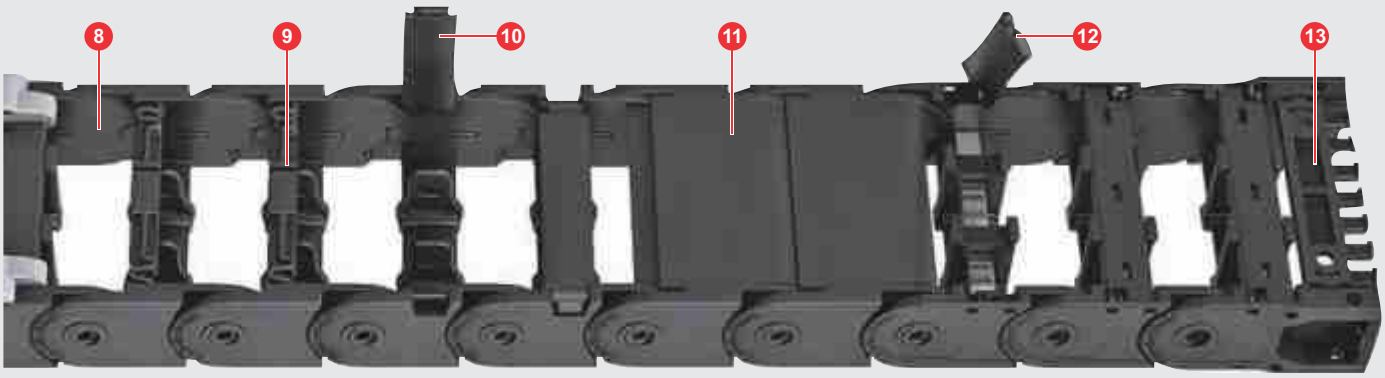
UNIFLEX advanced

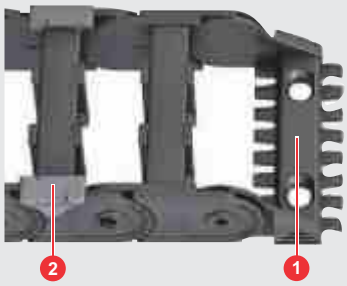
Light, quiet all-rounder for wide range of applications

–
25 – 250

- Noise - optimised for quiet operation.
- Designs with inward or outward opening or non - opening crossbars available.
- Crossbars fast and easy to open due to ball joint hinge mechanism.
- Dividers movable or fixed in place.
- Long unsupported lengths.
- Various cavity partitioning options for the cables.

3D APPLICATIONS





Example of cross section

1 Mounting brackets with integrated strain relief.

2 Replaceable glide shoes for extending system life.

3 Robust, double stroke system for long unsupported lengths.

4 Types with non - opening, single - part chain link design.

5 Chain links made of plastic.

6 Vertical and horizontal partitioning options separate and organize cables.

7 Outer noise dampening elements.

8 Inside space is gentle on the cables – no interfering edges.

9 Very fast and easy cable installation by simply pressing in of the cables.

10 Types with openable stays – for easy cable installation.

11 Optional designs covered on one side or on both sides with plastic cover system.

12 Types with detachable crossbars.

13 Universal mounting brackets (UMB) with integrated strain relief comb.

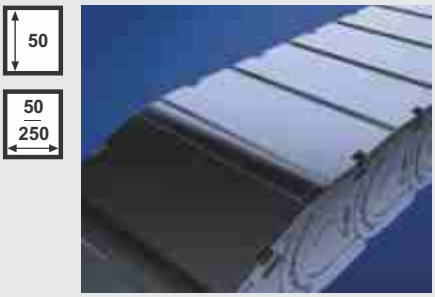
UNIFLEX TUBES

Tubes with fixed chain width

- Easy to open.
- Robust, double stroke system for long unsupported lengths.
- Particularly high torsional rigidity.
- Mounting brackets with integrated strain relief.
- Economically priced standard types.

Cover Trax

Extreme cable protection in harsh environmental conditions



- Superior cable protection.
- Quick cable installation - design options with inward or outward opening crossbars.
- Very quiet due to integrated noise - dampening system.
- Large unsupported lengths.
- High - quality visually appealing design.
- Ideal for unsupported and long travel gliding arrangements

Advanced Applications

Cable carriers with variable chain widths

- Aluminum frame stays available in custom widths to the exact millimeter.
- Plastic frame stays available in 4, 8, and 16mm width increments.
- Quick and easy opening to the inside or outside radius.
- Available in light, heavy - duty or linkless series.
- An ideal solution for every application.

Sub - division	Height	Width	Load
Complex	19 – 108 mm	625 – 1000 mm	up to 65 kg/m

Travel path	Travel speed	Acceleration
up to 350 m	up to 40 m/s	up to 3000 m/s2

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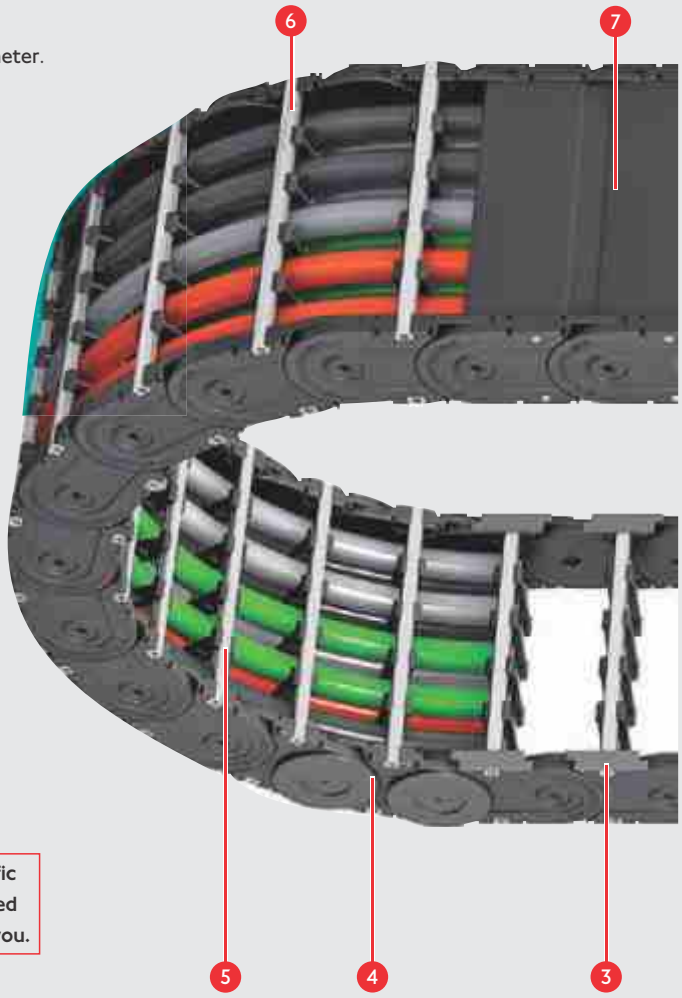


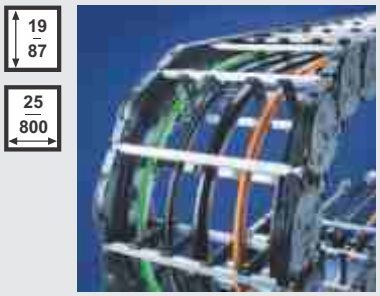
MASTER Series

Quiet and weight optimised cable carriers.

- Light design with weight - optimised sideband construction.
- Excellent ratio of inside to outside height.
- Customized bend radii are available.
- Plastic covers available.

M Series / MT Series

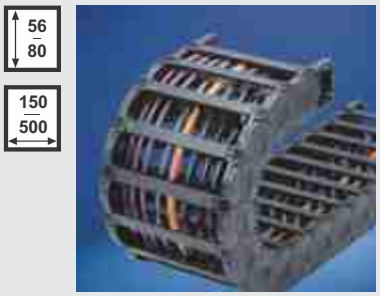
Versatile cable carrier with extensive accessories and frame stay variants



- The robust and versatile all rounder.
- Various separation options.
- Large selection of frame stay systems.
- Ideal for fast, gliding applications: Replaceable glide shoes made of highly wear - resistant special plastic material.
- Plastic or aluminum covers available.

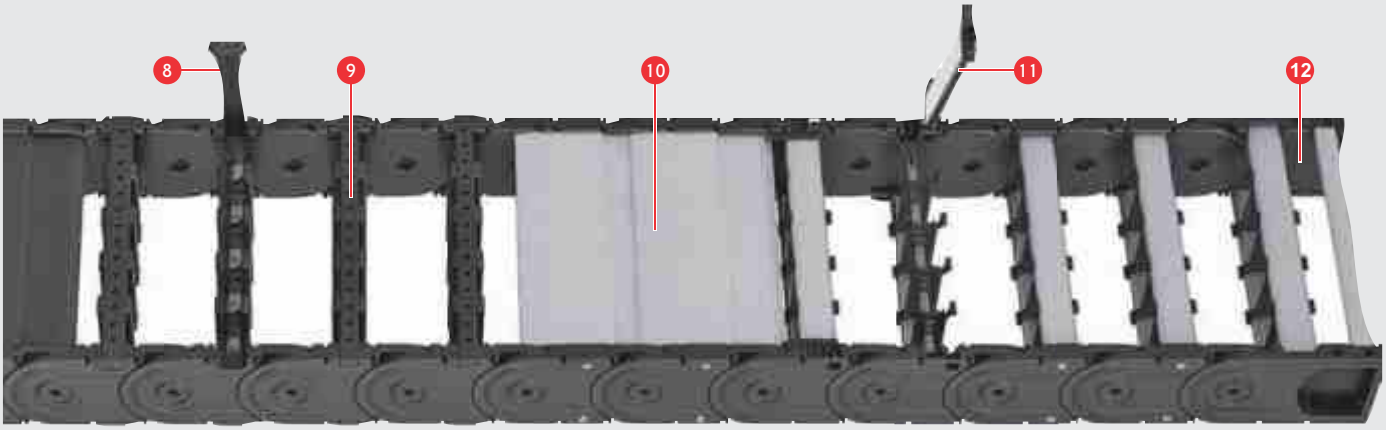
TKP Series / TKC Series

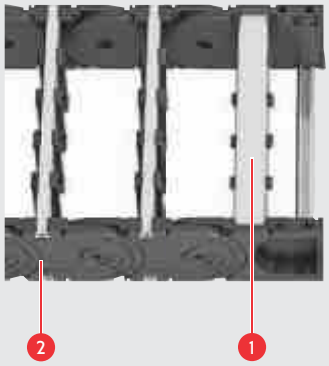
Easy to assemble, stable cable carrier with variable dimensions.



- Robust design, also suitable for heavy additional loads.
- Plastic covers and plastic crossbars.
- Replaceable glide shoes made of special plastic material with very low friction - coefficient for gliding applications.
- Various separation options

3D APPLICATIONS





1 C - Profile strain relief elements
2 Minimized hinge wear due to the "life extending 2 disc principle"
3 Replaceable glide shoes
4 Extremely robust due to heavy duty link plate / sideband design
5 Vast selection of cavity partitioning options
6 Aluminum frame stays available in 1 mm width increments
7 Plastic covers available in 8 or 16mm width increments
8 Crossbars can be quickly opened on the inside or outside radius for easy cable installation
9 Plastic crossbars available in 4, 8 or 16mm width increments
10 Aluminum covers available in 1 mm width increments
11 Aluminum frame stays with ball joint hinge mechanism
12 Universal mounting brackets (UMB)

XL Series / XLT Series

Cable carriers with large inside height

108

200 — 1000

- Large dimensions for cables with large cable diameter.
- For unsupported and gliding applications.
- Replaceable glide shoes made of highly wear - resistant special plastic material extend system life in long travel, gliding applications.
- Aluminum covers available

QUANTUM

Light, quiet, low - vibration for high speeds and accelerations

28 — 72

28 — 600

- Suitable for clean room environments.
- Allows for high acceleration and high travel speeds.
- Long service life - no link pins to wear out.
- Flexible design for 3D movement: can accept lateral as well as twisting movements of +/- 30 degrees.
- Linkless design: sidebands made of extruded material

TKR Series

Extremely quiet and low - vibration for highly dynamic applications

22 — 52

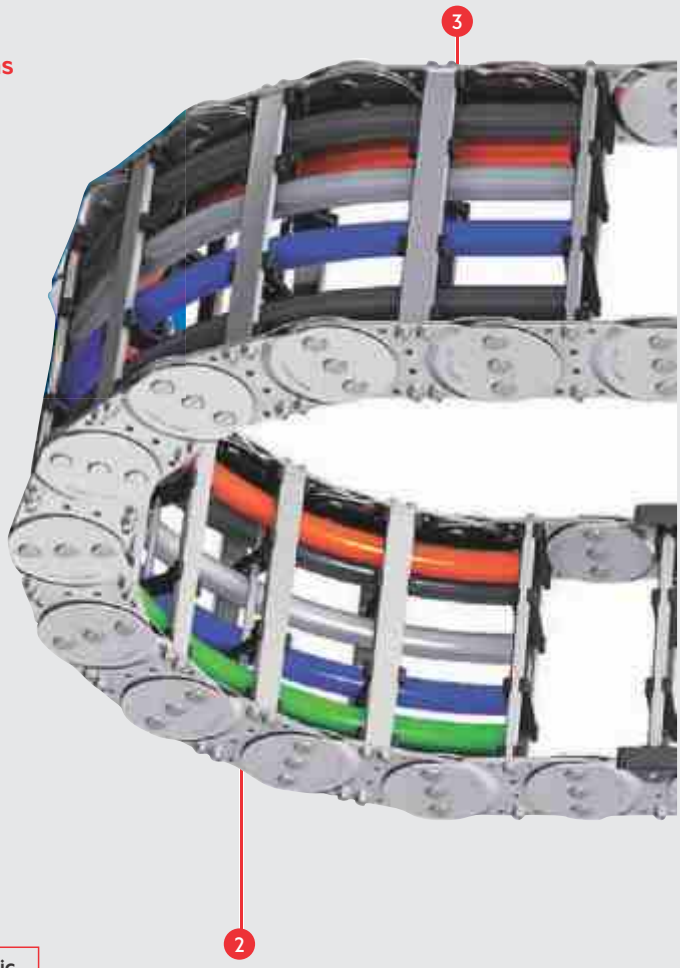
20 — 150

- Extremely quiet and low - vibration operation.
- Long service life.
- Ideal for highly dynamic applications.
- High lateral stability.
- Suitable for clean room environments.
- Modular design allows easy lengthening and shorting of system length.

Extreme Applications

Steel cable carriers - a solution for extreme applications

- Robust design for heavy mechanical loads.
- All steel cable carriers are lubricant - free.
- Allow for large additional loads and long unsupported travel lengths.
- Ideal for applications in extreme and harshest environments.
- Heat - resistant.



Sub - division	Height	Width	Load
Complex	24 – 370 mm	26 – 1500 mm	up to 600 kg/m

Travel path	Travel speed	Acceleration
up to 25 m	up to 10 m/s	up to 20 m/s2

These assigned values are average values. Depending on the specific application, the maximum values may differ significantly. For detailed information please contact our specialists. We are happy to assist you.

LS/LSX Series

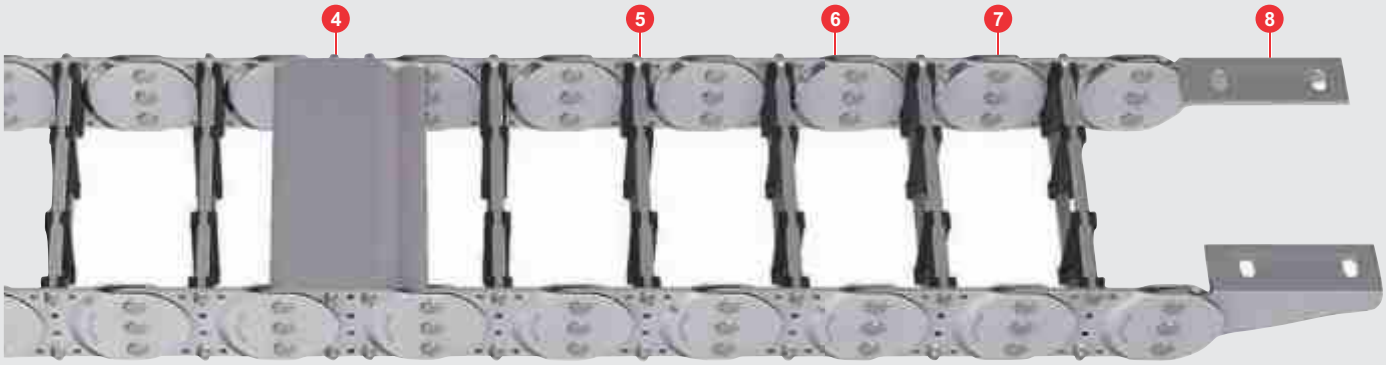
Cost - effective, light - weight steel chain

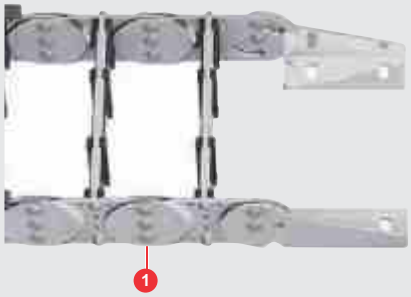
- Improved dynamic characteristics due to weight optimised design.
- Long unsupported lengths for small to medium additional loads.
- Cover with steel band for optimum cable protection available on request.

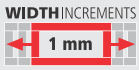
S/SX Series

Extremely robust and heavy - duty steel chains

- Extremely robust and heavy - duty steel chains for large mechanical loads and harsh environmental conditions.
- Very long unsupported lengths even for heavy additional loads.
- Various types in different dimensions available.
- Aluminum cover available for maximum protection of the cables.







1 Link design with special bolts for a long service life
2 Various cable separation options
3 Dividers made of plastic or steel
4 Aluminum cover available in custom 1 mm width increments
5 Various frame stay options available customizable in 1 mm width increments
6 Extremely robust sidebands galvanized or made of stainless steel
7 All steel cable carriers are lubricant - free
8 Variety of mounting bracket options available

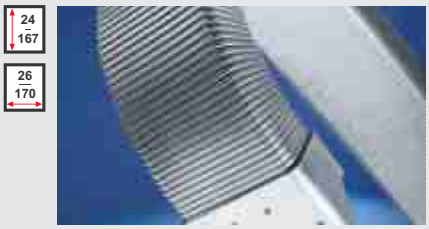
CONDUFLEX

Enclosed tube style

- Enclosed tube design.
- Optional protective guards for added hot chip protection.
- Should the carrier incur incidental damage, sections can easily be replaced.
- Carrier length can be easily modified at a later date.
- TUV type approved in accordance with 2 PfG 1036/10.97

MOBIFLEX

Enclosed cable carrier with flexible mental helical tube



- Enclosed tube design.
- Ideal in hot metal chip environments.
- Unsupported lengths are achieved through inserted, pre - tensioned steel band

Cable carriers for 3D movements

- Ideal for 3D multi - axis motion.
- Allows installation on robots for swiveling and rotating movements:
  - Same system can be used in robot base and robot arm locations.
  - Available guide channel system offers a universal solution for articulating arm robotic applications.
- Optimum protection for the longevity of cables and hoses :
  - Maintains minimum bend radius of cables and hoses.
  - Cables and hoses can be properly partitioned into three separate compartments.

Sub-division	Height	Width
Several	10 – 31 mm	27 – 64 mm

These assigned values are average values. Depending on the specific application, the maximum values may differ significantly. For detailed information please contact our specialists. We are happy to assist you.

ROBOTRAX Accessories

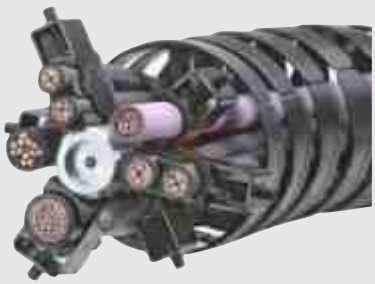
Cable carriers with large inside height

When a robot in motion, ROBOTRAX may come in hard contact with parts of the robot. To soften the impact, use link protection parts. These parts are made of elastomer plastic and can easily be installed to every link using a cable tie.

Cable carriers with large inside height

Makes setting the steel wire to the required tension quick and easy and can be re - adjusted at any time.

Line Fix saddly type clamps for strain relief



For secure and gentle cable installation. Multilayer strain relief with double and triple clamps available. Multiple systems can also be mounted one behind the other.

Example of cross section

1 Steel wire for transmission of extremely large tensile forces
2 Protective covers or heat shields made of various materials are available for a diverse range of environmental conditions
3 Quick - opening mounting brackets easily attach any link of the ROBOTRAX system to any mounting point on the robot
4 Fast cable installation by simply pressing the cables into the carrier system's cavity partitions: no threading through is required
5 Special plastic material for long service life

Active pull back mechanism

Rapid, repetitive movements of relatively long cable carrier systems in large operating envelopes, constantly hitting the robot arm, are to blame for reducing the service life of the carrier and installed cables. This can lead to a failure of the overall robotic system with expensive downtime and production outages - system failure must be prevented.

Quick - opening bracket on a swivel base

The swivel base option allows the mounting bracket to swivel at the attachment points to accommodate more complex robot movements.

Quick - opening bracket on a flexible spring extension

The flexible spring extension allows ROBOTRAX brackets to be mounted away from the machine and the ability to flex in all directions for three dimensional movement.

HI - FLEX CABLES

Durable, reliable, cost - effective

The KABELSCHLEPP cable family on continuous - flex cables have been specially developed for optimal use in dynamic cable and hose carriers. KABELSCHLEPP cables are distinguished by their high reliability and performance at low costs, as well as their long service life, even in outdoor applications such as port crane applications that require long travel lengths and high travel speeds placing high demands on power and control cables.

PVC control cables

PUR power cables

PUR control cables

PUR data cables

PUR BUS / Koax / LWL cables

PUR system cables

PVC power cables

TROLLAX Complete Systems

Durable, reliable, cost - effective

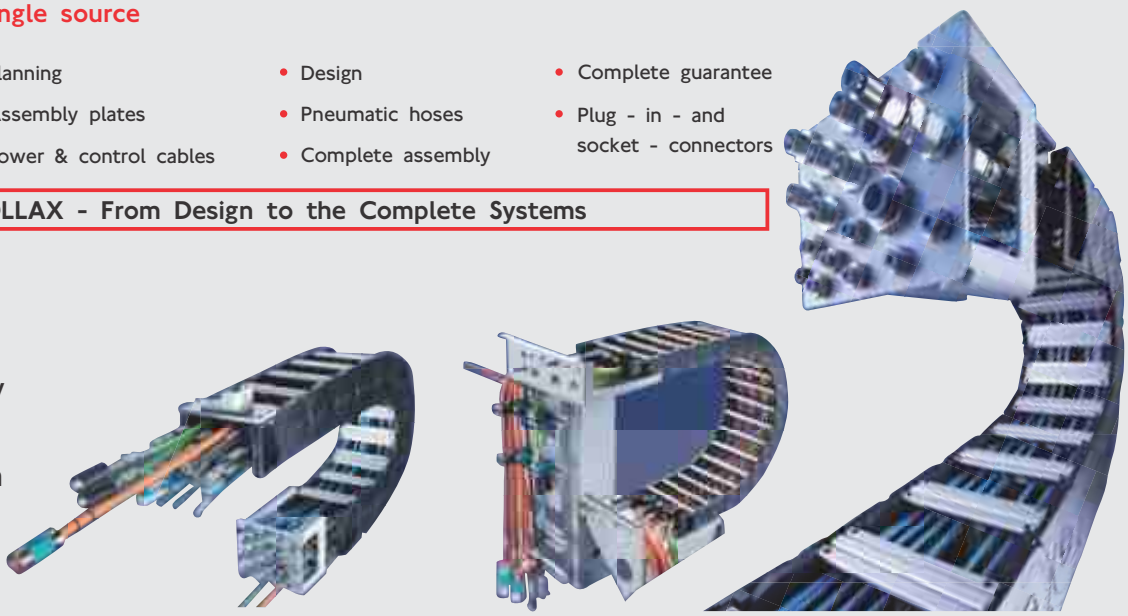
Use our know - how. Working closely with you, our experienced system specialists can provide pre - sale support, including planning and design services through post sales service and support. Only one contact person for the complete system. All components match each other perfectly, including your cable carriers, electrical cables, hydraulic and pneumatic hoses as well as connectors. You'll receive the complete system in one delivery, with guarantee certificate if desired - in short: TOTALTRAX. Reduce your storage costs for cable and hose carriers, cables and connectors with TOTALTRAX. We supply all components Just - in - time to your production facility or directly to the installation site.

Everything from a single source

- Consulting
- Cable carriers
- Hydraulic hoses
- Planning
- Assembly plates
- Power & control cables
- Design
- Pneumatic hoses
- Complete assembly
- Complete guarantee
- Plug - in - and socket - connectors

TROLLAX - From Design to the Complete Systems

One contact person
+ One order
+ One delivery
+ Guaranteed quality
= TOTALTRAX
Complete System



CUSTOMISED SOLUTIONS FOR A WIDE RANGE OF INDUSTRIES

KABELSCHLEPP develops customised solutions for a variety of industries. The range of applications extends for example from automotive cable carrier systems for sliding doors built in vans, offshore applications with extreme harsh environmental conditions, on up to crane applications with extreme travel paths. Decades of application experience with thousands of product combinations result again and again in new tailor - made and user oriented solutions for our customers.

Automotive

Solutions for protecting circuits, e.g: sliding doors, seats or retractable hardtops

Offshore

Extremely robust cable carriers made of steel for harshest environmental conditions

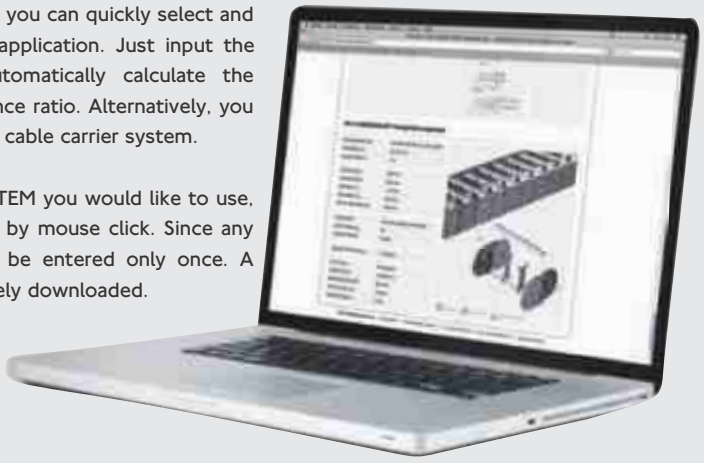
Cranes

Rail Cable Carrier (RCC) or guide channels - for extremely long travel runs

Online configuration tool for cable carrier systems.

Using KABELSCHLEPP Online Engineer, in just a few clicks of the mouse you can quickly select and configure the optimal KABELSCHLEPP cable carrier system for your application. Just input the parameters of your application and the Online Engineer will automatically calculate the KABELSCHLEPP cable carrier system with the optimal price / performance ratio. Alternatively, you can follow easy step by step menus and individually design your desired cable carrier system.

Finally, if you already know which KABELSCHLEPP CABLE CARRIER SYSTEM you would like to use, just order specifications and you will receive all applicable information by mouse click. Since any and all functions can be combined, the specification data needs to be entered only once. A corresponding 2D drawing or 3D model Of your carrier can be immediately downloaded.

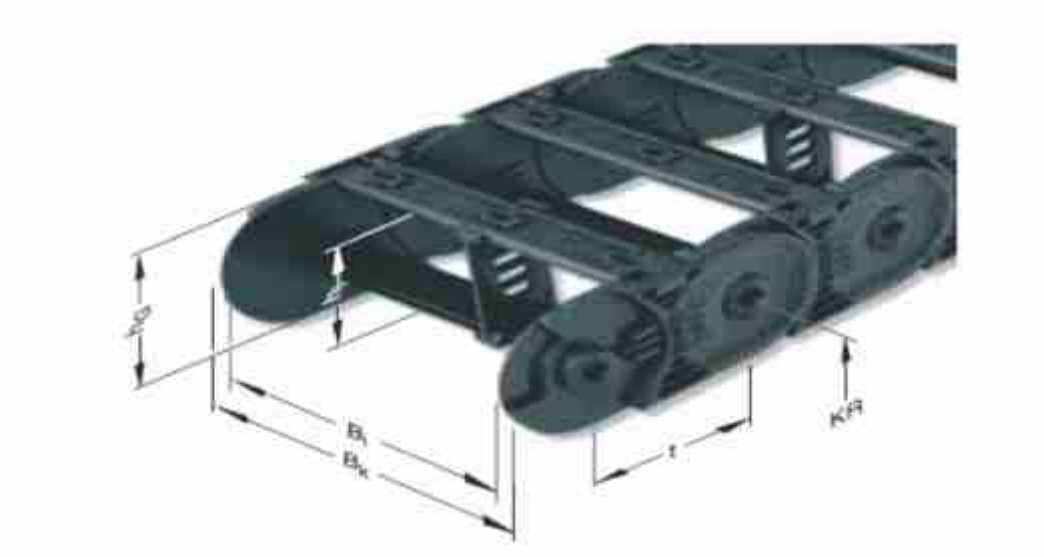


OnlineEngineer.de
KABELSCHLEPP
Cable Carrier Configurator

Save time with our 2D & 3D drawing library available online.

Our 2D and 3D CAD drawings simplify the job for your design engineers. You can find the data for our cable carriers in the CADENAS component libraries. KABELSCHLEPP provides free drawing libraries. Once selected CAD data can be saved or exported in a wide range of formats for import into your CAD system. Can't find what you are looking for, please contact us.

KABELSCHLEPP	KABELSCHLEPP Tube series cable carrier chains (check load diagram before selection)							Mounting brackets
System part numbers	Inner Height hi	Outer Height Hg	Inner Width Bi	Outer Width BK	Rad T-B	Pitch	L/PM	Female & male mounting brackets
KS 0130.10.20	10 mm	12.5 mm	10 mm	16 mm	52.5 mm	13 mm	77	KS END PC 0130.10 F & KS END PC 0130.10 M
KS 0130.20.20	10 mm	12.5 mm	20 mm	26 mm	52.5 mm	13 mm	77	KS END PC 0130.20F & KS END PC 0130.20M



	Inner Height hi	Outer Height	Inner Width Bi	Outer Width BK	Rad T-B	Pitch	L/PM	Female & male mounting brackets
KS 0180.15-2-KR 28 C	15 mm	18 mm	15 mm	23 mm	74 mm	18 mm	56	KS END PC 0180.15F & KS END PC 0180.15M
KS 0180-020.037	15 mm	18 mm	20 mm	28 mm	92 mm	18 mm	56	KS END PC 0180.020 F & KS END PC 0180.020 M
KS 0180.30 -2- KR 28 C	15 mm	18 mm	30 mm	38 mm	74 mm	18 mm	56	KS END PC 0180.30 F53187 & KS END PC 0180.30 M53186

	Inner Height hi	Outer Height	Inner Width Bi	Outer Width BK	Rad T-B	Pitch	L/PM	Female & male mounting brackets
KS 0250.030.20.28C (L)	17.50 mm	23 mm	20 mm	30 mm	79 mm	25 mm	40	KS END PC 0250.020 F & KS END PC 0250.020 M
KS 0250.030.020.075C	17.50 mm	23 mm	20 mm	30 mm	173 mm	25 mm	40	KS END PC 0250.020 F & KS END PC 0250.020 M
KS 0250.030.030.028 C	17.50 mm	23 mm	30 mm	40 mm	79 mm	25 mm	40	KS END PC 0250.30 F56157 & KS END PC 0250.30 M56156
KS 0250.030.030.045 C	17.50 mm	23 mm	30 mm	40 mm	113 mm	25 mm	40	KS END PC 0250.30 F56157 & KS END PC 0250.30 M56156
KS 0250.030.050.028N C	17.50 mm	23 mm	30 mm	40 mm	113 mm	25 mm	40	KS END PC 0250.50 F56161 & KS END PC 0250.50 M56160
KS 0250.030.050.045 C	17.50 mm	23 mm	50 mm	60 mm	79 mm	25 mm	40	KS END PC 0250.50 F56161 & KS END PC 0250.50 M56160
KS 0250.030.050.075C	17.50 mm	23 mm	50 mm	60 mm	173 mm	25 mm	40	KS END PC 0250.50 F56161 & KS END PC 0250.50 M56160
KS 0250.030.065.075	17.50 mm	23 mm	65 mm	75 mm	173 mm	25 mm	40	KS END PC 0250.065 F & KS END PC 0250.065 Mm
KS 0250.030.080.075C	17.50 mm	23 mm	80 mm	90 mm	173 mm	25 mm	40	KS END PC 0250.080 F & KS END PC 0250.080 M

	Inner Height hi	Outer Height	Inner Width Bi	Outer Width BK	Rad T-B	Pitch	L/PM	Female & male mounting brackets
KS 0320.42.100	19 mm	27 mm	24 mm	35 mm	227 mm	32 mm	32	KS END PC 0320.42 F & KS END PC 0320.42 M
KS 0320.52.100	19 mm	27 mm	29 mm	40 mm	227 mm	32 mm	32	KS END PC 0320.52 F & KS END PC 0320.52 M

	Inner Height hi	Outer Height	Inner Width BI	Outer Width BK	Rad T-B	Pitch	L/PM	Female & male mounting brackets
KS 0345.040.20.38	20 mm	28 mm	20 mm	33 mm	104 mm	34.5 mm	29	KS END PC 0345.020F & KS END PC 0345.020M
KS 0345.40.20.75	20 mm	28 mm	20 mm	33 mm	178 mm	34.5 mm	29	KS END PC 0345.020F & KS END PC 0345.020M
KS 0345.040.38.38	20 mm	28 mm	38 mm	51 mm	104 mm	34.5 mm	29	KS END PC 0345.038F & KS END PC 0345.038M
KS 0345.40.38.75	20 mm	28 mm	38 mm	51 mm	178 mm	34.5 mm	29	KS END PC 0345.038F & KS END PC 0345.038M
KS 0345.040.50.38	20 mm	28 mm	50 mm	63 mm	104 mm	34.5 mm	29	KS END PC 0345.050F & KS END PC 0345.050M
KS 0345.040.50.75	20 mm	28 mm	50 mm	63 mm	178 mm	34.5 mm	29	KS END PC 0345.050F & KS END PC 0345.050M

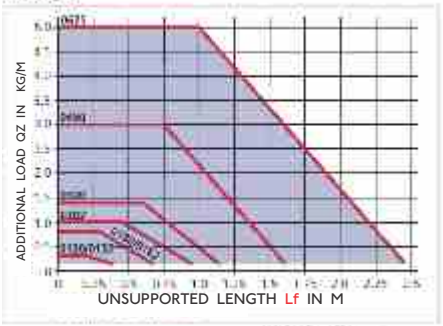
	Inner Height hi	Outer Height	Inner Width BI	Outer Width BK	Rad T-B	Pitch	L/PM	Female & male mounting brackets
KS 1455.020.025.52 C	26 mm	36 mm	25 mm	41 mm	140 mm	45.50 mm	22	KS END PC 1455.025 F & KS END PC 1455.025 M
KS 1455.030.025.065C	26 mm	36 mm	25 mm	41 mm	166 mm	45.50 mm	22	KS END PC 1455.025 F & KS END PC 1455.025 M
KS 1455.040.038.052 C	26 mm	36 mm	38 mm	54 mm	140 mm	45.50 mm	22	KS END PC 1455.038 FIX & KS END PC 1455.038 MOVE
KS 1455.040.038.095 C	26 mm	36 mm	38 mm	54 mm	226 mm	45.50 mm	22	KS END PC 1455.038 FIX & KS END PC 1455.038 MOVE
KS 1455.030.025.065C	26 mm	36 mm	25 mm	41 mm	166 mm	45.50 mm	22	KS END PC 1455.025 F & KS END PC 1455.025 M
KS 1455.030.038.095C	26 mm	36 mm	38 mm	54 mm	226 mm	45.50 mm	22	KS END PC 1455.038 FIX & KS END PC 1455.038 MOVE
KS 1455.040.058.052 C	26 mm	36 mm	58 mm	74 mm	140 mm	45.50 mm	22	KS END PC 1455.058 FIX & KS END PC 1455.058 MOVE
KS 1455.040.058.065 C	26 mm	36 mm	58 mm	74 mm	166 mm	45.50 mm	22	KS END PC 1455.058 FIX & KS END PC 1455.058 MOVE
KS 1455.040.058.095 C	26 mm	36 mm	58 mm	74 mm	226 mm	45.50 mm	22	KS END PC 1455.058 FIX & KS END PC 1455.058 MOVE
KS 1455.040.058.125	26 mm	36 mm	58 mm	74 mm	286 mm	45.50 mm	22	KS END PC 1455.058 FIX & KS END PC 1455.058 MOVE
KS 1455.040.058.150 C	26 mm	36 mm	58 mm	74 mm	336 mm	45.50 mm	22	KS END PC 1455.058 FIX & KS END PC 1455.058 MOVE
KS 1455.040.078.052 C	26 mm	36 mm	78 mm	94 mm	140 mm	45.50 mm	22	KS END PC 1455.078 FIX & KS END PC 1455.078 MOVE
KS 1455.020.078.052 C	26 mm	36 mm	78 mm	94 mm	140 mm	45.50 mm	22	KS END PC 1455.078 FIX & KS END PC 1455.078 MOVE
KS 1455.040.078.065	26 mm	36 mm	78 mm	94 mm	166 mm	45.50 mm	22	KS END PC 1455.078 FIX & KS END PC 1455.078 MOVE
KS 1455.040.078.095 C	26 mm	36 mm	78 mm	94 mm	226 mm	45.50 mm	22	KS END PC 1455.078 FIX & KS END PC 1455.078 MOVE
KS 1455.040.078.125	26 mm	36 mm	78 mm	94 mm	286 mm	45.50 mm	22	KS END PC 1455.078 FIX & KS END PC 1455.078 MOVE
KS 1455.040.078.150 C	26 mm	36 mm	78 mm	94 mm	336 mm	45.50 mm	22	KS END PC 1455.078 FIX & KS END PC 1455.078 MOVE
KS 1455.040.078.200	26 mm	36 mm	78 mm	94 mm	436 mm	45.50 mm	22	KS END PC 1455.078 FIX & KS END PC 1455.078 MOVE
KS 1455.040.103.052 C	26 mm	36 mm	103 mm	119 mm	140 mm	45.50 mm	22	KS END PC 1455.103 FIX & KS END PC 1455.103 MOVE
KS 1455.040.103.150 C	26 mm	36 mm	103 mm	119 mm	336 mm	45.50 mm	22	KS END PC 1455.103 FIX & KS END PC 1455.103 MOVE
KS 1455.040.103.095 C	26 mm	36 mm	103 mm	119 mm	226 mm	45.50 mm	22	KS END PC 1455.103 FIX & KS END PC 1455.103 MOVE

	Inner Height hi	Outer Height	Inner Width BI	Outer Width BK	Rad T-B	Pitch	L/PM	Female & male mounting brackets
KS 1555.040.050.063 C	38 mm	50 mm	50 mm	68 mm	176 mm	55.5 mm	18	KS END PC 1555.050.FIX & KS END PC 1555.050.MOVE
KS 1555.040.050.100 C	38 mm	50 mm	50 mm	68 mm	250 mm	55.5 mm	18	KS END PC 1555.050.FIX & KS END PC 1555.050.MOVE
KS 1555.040.075.063 C	38 mm	50 mm	75 mm	93 mm	176 mm	55.5 mm	18	KS END PC 1555.075 FIX & KS END PC 1555.075 MOVE
KS 1555.040.075.100 C	38 mm	50 mm	75 mm	93 mm	250 mm	55.5 mm	18	KS END PC 1555.075 FIX & KS END PC 1555.075 MOVE
KS 1555.040.100.063 C	38 mm	50 mm	100 mm	118	176 mm	55.5 mm	18	KS END PC 1555.100 FIX & KS END PC 1555.100 MOVE
KS 1555.040.100.100 C	38 mm	50 mm	100 mm	118	250 mm	55.5 mm	18	KS END PC 1555.100 FIX & KS END PC 1555.100 MOVE
KS 1555.040.125.063 C	38 mm	50 mm	125 mm	143	176 mm	55.5 mm	18	KS END PC 1555.125 FIX & KS END PC 1555.125 MOVE
KS 1555.040.125.100 C	38 mm	50 mm	125 mm	143	250 mm	55.5 mm	18	KS END PC 1555.125 FIX & KS END PC 1555.125 MOVE
KS 1555.040.150.063 C	38 mm	50 mm	150 mm	168	176 mm	55.5 mm	18	KS END PC 1555.150 FIX & KS END PC 1555.150 MOVE
KS 1555.040.150.100 C	38 mm	50 mm	150 mm	168	250 mm	55.5 mm	18	KS END PC 1555.150 FIX & KS END PC 1555.150 MOVE

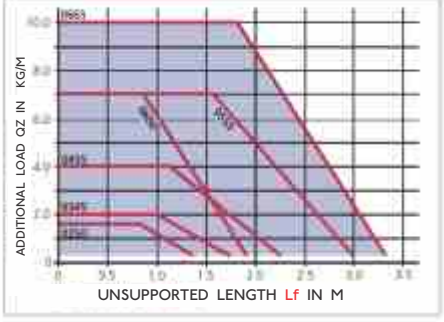
	Inner Height hi	Outer Height	Inner Width BI	Outer Width BK	Rad T-B	Pitch	L/PM	Female & male mounting brackets
KS 1665.040.050.075 C	44 mm	60 mm	50 mm	72 mm	210 mm	66.50 mm	15	KS END PC 1665.050 FIX & KS END PC 1665.050 MOVE
KS 1665.040.050.120 C	44 mm	60 mm	50 mm	72 mm	255 mm	66.50 mm	15	KS END PC 1665.050 FIX & KS END PC 1665.050 MOVE
KS 1665.040.075.075 C	44 mm	60 mm	75 mm	97 mm	210 mm	66.50 mm	15	KS END PC 1665.075.FIX & KS END PC 1665.075.MOVE
KS 1665.040.075.100 C	44 mm	60 mm	75 mm	97 mm	235 mm	66.50 mm	15	KS END PC 1665.075.FIX & KS END PC 1665.075.MOVE
KS 1665.040.75.300	44 mm	60 mm	75 mm	97 mm	660 mm	66.50 mm	15	KS END PC 1665.075.FIX & KS END PC 1665.075.MOVE
KS 1665.040.100.075 C	44 mm	60 mm	100 mm	122 mm	210 mm	66.50 mm	15	KS END PC 1665.100. FIX & KS END PC 1665.100. MOVE
KS 1665.040.100.120 C	44 mm	60 mm	100 mm	122 mm	255 mm	66.50 mm	15	KS END PC 1665.100. FIX & KS END PC 1665.100. MOVE
KS 1665.030.100.300	44 mm	60 mm	100 mm	122 mm	660 mm	66.50 mm	15	KS END PC 1665.100. FIX & KS END PC 1665.100. MOVE
KS 1665.40.125.075-57268	44 mm	60 mm	75 mm	97 mm	235 mm	66.50 mm	15	KS END PC 1665.125. FIX & KS END PC 1665.125. MOVE
KS 1665.40.125.120-57270	44 mm	60 mm	125 mm	147 mm	340 mm	66.50 mm	15	KS END PC 1665.125. FIX & KS END PC 1665.125. MOVE
KS 1665.040.125.140	44 mm	60 mm	125 mm	147 mm	340 mm	66.50 mm	15	KS END PC 1665.125. FIX & KS END PC 1665.125. MOVE
KS 1665.040.150.075 C	44 mm	60 mm	150 mm	172 mm	210 mm	66.50 mm	15	KS END PC 1665.150. FIX & KS END PC 1665.150. MOVE
KS 1665.040.150.120 C	44 mm	60 mm	150 mm	172 mm	255 mm	66.50 mm	15	KS END PC 1665.150. FIX & KS END PC 1665.150. MOVE
KS 1665.040.175.075 C	44 mm	60 mm	125 mm	147 mm	210 mm	66.50 mm	15	KS END PC 1665.175 FIX & KS END PC 1665.175 MOVE
KS 1665.040.175.120 C	44 mm	60 mm	175 mm	197 mm	255 mm	66.50 mm	15	KS END PC 1665.175 FIX & KS END PC 1665.175 MOVE
KS 1665.040.225.075 C	44 mm	60 mm	225 mm	247 mm	210 mm	66.50 mm	15	KS END PC 1665.225 FIX & KS END PC 1665.225 MOVE
KS 1665.040.225.120 C	44 mm	60 mm	225 mm	247 mm	255 mm	66.50 mm	15	KS END PC 1665.225 FIX & KS END PC 1665.225 MOVE

Load diagrams for unsupported applications

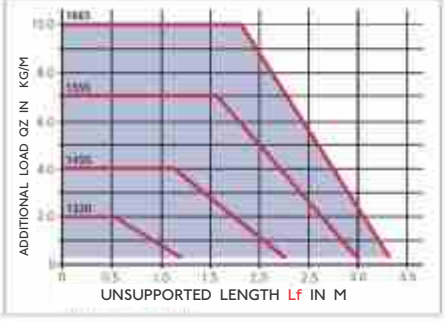
MONO



UNIFLEX

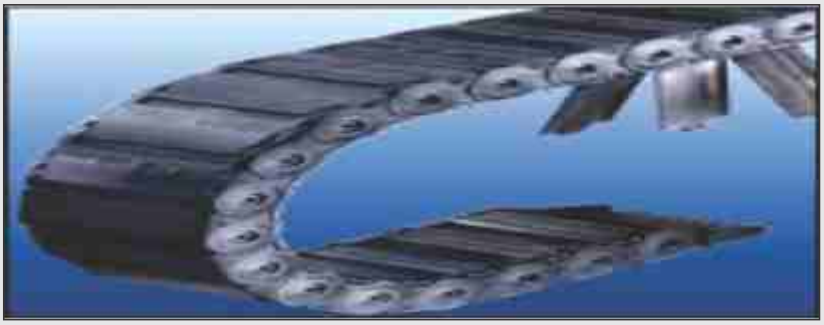


UNIFLEX Advanced



KABELSCHLEPP System part numbers	Inner Height hi	Outer Height Hg	Inner Width Bl	Outer Width BK	Rad T-B	Pitch	L/PM	Female & male mounting brackets
	KABELSCHLEPP Tube series cable carrier chains (check load diagram before selection)							Mounting brackets
KS 0455.060.038.095 T	25 mm	36 mm	38 mm	56 mm	226 mm	45.5 mm	22	KS END PC 0455.38 F & KS END PC 0455.38 M
KS 0455.060.038.150 T	25 mm	36 mm	38 mm	56 mm	336 mm	45.5 mm	22	KS END PC 0455.38 F & KS END PC 0455.38 M
KS 0455.060.058.095 T	25 mm	36 mm	58 mm	76 mm	226 mm	45.5 mm	22	KS END PC 0455.58 F & KS END PC 0455.58 M
KS 0455.060.058.150 T	25 mm	36 mm	58 mm	76 mm	336 mm	45.5 mm	22	KS END PC 0455.58 F & KS END PC 0455.58 M
KS 0455.060.078.095 T	25 mm	36 mm	78 mm	96 mm	226 mm	45.5 mm	22	KS END PC 0455.78F & KS END PC 0455.78M
KS 0455.060.078.150 T	25 mm	36 mm	78 mm	96 mm	336 mm	45.5 mm	22	KS END PC 0455.78F & KS END PC 0455.78M
KS 0455.060.103.095 T	25 mm	36 mm	103 mm	121 mm	226 mm	45.5 mm	22	KS END PC 0455.103 F & KS END PC 0455.103 M
KS 0455.060.103.150 T	25 mm	36 mm	103 mm	121 mm	336 mm	45.5 mm	22	KS END PC 0455.103 F & KS END PC 0455.103 M

	Inner Height hi	Outer Height Hg	Inner Width Bl	Outer Width BK	Rad T-B	Pitch	L/PM	Female & male mounting brackets
KS 0555.060.050.100 T	36 mm	50 mm	50 mm	72 mm	250 mm	55.5 mm	18	KS END PC 0555.50 F & KS END PC 0555.50 M
KS 0555.060.050.160 T	36 mm	50 mm	50 mm	72 mm	370 mm	55.5 mm	18	KS END PC 0555.50 F & KS END PC 0555.50 M
KS 0555.060.075.100 T	36 mm	50 mm	75 mm	97 mm	250 mm	55.5 mm	18	KS END PC 0555.75 F & KS END PC 0555.75 M
KS 0555.060.075.160 T	36 mm	50 mm	75 mm	97 mm	370 mm	55.5 mm	18	KS END PC 0555.75 F & KS END PC 0555.75 M
KS 0555.060.100.100 T	36 mm	50 mm	100 mm	122 mm	250 mm	55.5 mm	18	KS END PC 0555.100 F & KS END PC 0555.100 M
KS 0555.060.100.160 T	36 mm	50 mm	100 mm	122 mm	370 mm	55.5 mm	18	KS END PC 0555.100 F & KS END PC 0555.100 M



	Inner Height hi	Outer Height	Inner Width Bl	Outer Width BK	Rad T-B	Pitch	L/PM	Female & male mounting brackets
KS 0665.060.050.120 T	42 mm	60 mm	50 mm	77 mm	300 mm	66.5 mm	15	KS END PC 0665.50 F & KS END PC 0665.50 F
KS 0665.060.050.200 T	42 mm	60 mm	50 mm	77 mm	460 mm	66.5 mm	15	KS END PC 0665.50 F & KS END PC 0665.50 F
KS 0665.060.075.120 T	42 mm	60 mm	75 mm	102 mm	300 mm	66.5 mm	15	KS END PC 0665.75 F & KS END PC 0665.75 M
KS 0665.060.075.200 T	42 mm	60 mm	75 mm	102 mm	460 mm	66.5 mm	15	KS END PC 0665.75 F & KS END PC 0665.75 M
KS 0665.060.100.120 T	42 mm	60 mm	100 mm	127 mm	300 mm	66.5 mm	15	KS END PC 0665.100 F & KS END PC 0665.100 M
KS 0665.060.100.200 T	42 mm	60 mm	100 mm	127 mm	460 mm	66.5 mm	15	KS END PC 0665.100 F & KS END PC 0665.100 M
KS 0665.060.125.120 T	42 mm	60 mm	125 mm	152 mm	300 mm	66.5 mm	15	KS END PC 0665.125 F & KS END PC 0665.125 M
KS 0665.060.125.200 T	42 mm	60 mm	125 mm	152 mm	460 mm	66.5 mm	15	KS END PC 0665.125 F & KS END PC 0665.125 M
KS 0665.060.150.120 T	42 mm	60 mm	150 mm	177 mm	300 mm	66.5 mm	15	KS END PC 0665.150 F & KS END PC 0665.150 M
KS 0665.060.150.140 T	42 mm	60 mm	150 mm	177 mm	340 mm	66.5 mm	15	KS END PC 0665.150 F & KS END PC 0665.150 M
KS 0665.060.150.200 T	42 mm	60 mm	150 mm	177 mm	460 mm	66.5 mm	15	KS END PC 0665.150 F & KS END PC 0665.150 M
KS 0665.060.175.140 T	42 mm	60 mm	175 mm	202 mm	340 mm	66.5 mm	15	KS END PC 0665.175 F & KS END PC 0665.175 M

MC 0650 KR 075

MC 0650 KR 95

MC 0650 KR 145

MC 0650 KR 220

MC 0650 KR 260

MC 0950 KR 140

MC 0950 KR 200

MC 0950 KR 290

S 0650 KR 200

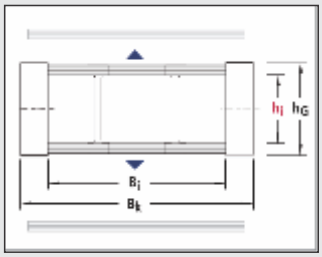
S 0650 KR 300

S 0650 KR 320

TYPES MC 0320, 0650, 0950, 1250, 1300

DIMENSIONS AND INTRINSIC CHAIN WEIGHT

TYPE	STAY VARIANT	hi	hG	Bi MIN	qk MIN	Bi MAX	qk MAX	Bk
MC 0320	RS	19	27.5	25	0.42	280	1.65	Bi + 11
MC 0650	RS	38	57	75	2.00	400	3.80	Bi + 34
MC 0950	RS	58	80	100	3.20	400	4.70	Bi + 39
MC 0950	RV	58	80	100	3.50	500	5.90	Bi + 39
MC 0950	RM	54	80	100	3.40	600	6.60	Bi + 39
MC 1250	RV	72	96	100	4.40	600	6.30	Bi + 45
MC 1250	RM	69	96	100	4.50	800	8.40	Bi + 45
MC 1300	RMF	87	120	100	6.10	800	9.20	Bi + 50
MC 1300	RM	87	120	100	6.10	800	9.20	Bi + 50
MC 1300	RMS	87	120	100	6.10	800	9.20	Bi + 50



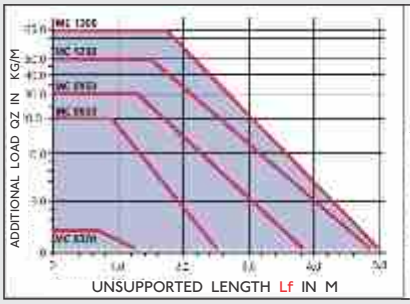
DIMENSIONS AND INTRINSIC CHAIN WEIGHT

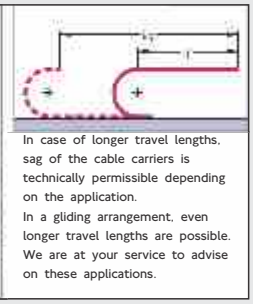
TYPE	BEND RADII KR mm									
MC 0320	37	47	77	100	200	-	-	-	-	-
MC 0650	75	95	115	145	175	220	260	275	300	350
MC 0950	140	170	200	260	290	320	380	-	-	-
MC 1250	180	220	260	300	340	380	500	-	-	-
MC 1300	150	195	240	280	320	360	400	500	-	-

PITCH

MC 0320 : t = 32 mm
MC 0650 : t = 65 mm
MC 0950 : t = 95 mm
MC 1250 : t = 125 mm
MC 1300 : t = 130 mm

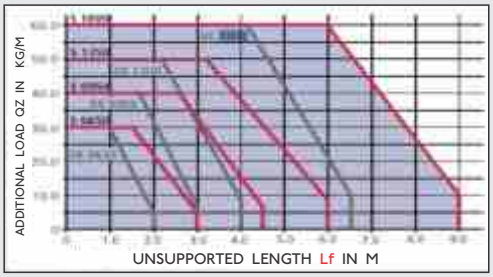
LOAD DIAGRAM





In case of longer travel lengths, sag of the cable carriers is technically permissible depending on the application.
In a gliding arrangement, even longer travel lengths are possible. We are at your service to advise on these applications.

S/SX 0650, 0950, 1250, 1800



RM

RS

S 0650 KR 75

S 0650 KR 95

S 0650 KR 145

S 0650 KR 200

DIMENSIONS AND INTRINSIC CHAIN WEIGHT

TYPE	STAY VARIANT	hi	hG	Bi MIN	qk MIN	Bi MAX	qk MAX	Bk	Bst
S/SX 0650	RS 2	31	50	100	3.9	400	5.2	BK - 31	Bi + 16
S/SX 0950	RS 2	46	68	150	7.5	400	8.2	BK - 37	Bi + 18
S/SX 1250	RS 2	72	94	200	12.9	500	13.7	BK - 44	Bi + 20

DIMENSIONS AND INTRINSIC CHAIN WEIGHT

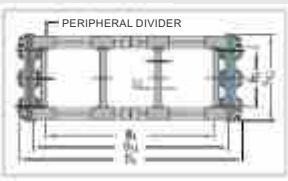
TYPE	STAY VARIANT	hi	hG	Bi MIN	qk MIN	Bi MAX	qk MAX	Bk	Bst
S/SX 0950	RM	43	68	125	7.9	600	10.7	BK - 37	Bi + 18
S/SX 1250	RM	69	94	200	13.4	800	17.0	BK - 49	Bi + 25
S/SX 1800	RM	108	140	250	24.0	1000	28.5	BK - 62	Bi + 33

BEND RADIUS AND PITCH

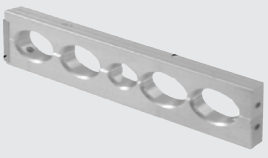
TYPE													
S/SX 0650	75	95	1150	125	135	145	155	175	**200**	250	300	400	-
S/SX 0950	125	140	170	200	260	290	320	350	**410**	600	-	-	-
S/SX 1250	145	200	220	260	300	340	380	420	**460**	500	540	600	1000
S/SX 1800	265	320	375	435	490	605	720	890	**1175**	1405	-	-	-

PITCH

S/SX 0650 : t = 65 mm
S/SX 0950 : t = 95 mm
S/SX 1250 : t = 125 mm
S/SX 1800 : t = 180 mm



LG FRAME STAY



RM FRAME STAY

RS FRAME STAY

KABELSCHLEPP SYSTEM PART NUMBER	core numbers X Cross section in mm	Max OD in mm	Matt number	Screened
KSCABLE200-3G0.5	3 G X 0.5²	4.5	47352	No
KSCABLE200-7G0.5	7 G X 0.5²	6.5	47356	No
KSCABLE200-18G0.5	18 G X 0.5²	9	47364	No
KSCABLE200-5G0.5	5 G X 0.5²	5.5	47354	No
KSCABLE200-7G0.75	7 G X 0.75²	7.7	47376	No
KSCABLE20012G0.75	12 G X 0.75²	9.3	47380	No
KSCABLE200-18G0.75	18 G X 0.75²	11.2	47384	No
KSCABLE200-7G1	7 G X 1²	8.2	47396	No
KSCABLE200-12G1	12 G X 1²	10.2	47400	No
KSCABLE200-18G1	18 G X 1²	12	47404	No
KSCABLE200-4G1.5	4 G X 1.5²	7.1	47413	No
KSCABLE2005G1.5	5 G X 1.5²	7.7	47414	No
KSCABLE200-7G1.5	7 G X 1.5²	9.2	47416	No
KSCABLE2004G2.5	4 G X 2.5²	8.7	47433	No

KABELSCHLEPP SYSTEM PART NUMBER	core numbers X Cross section in mm	Max OD in mm	Matt number	Screened
KSCABLE200C4G0.5	4 G X 0.5²	6.8	47653	Yes
KSCABLE200C7G0.5	7 G X 0.5²	8.2	47656	Yes
KSCABLE200C12G0.5	12 G X 0.5²	9.7	47660	Yes
KSCABLE200C18G0.5	18 G X 0.5²	11	47664	Yes
KSCABLE200C4G0.75	4 G X 0.75²	7.6	47673	Yes
KSCABLE200C7G0.75	7 G X 0.75²	9.8	47676	Yes
KSCABLE200C12G0.75	12 G X 07.5²	11.3	47680	Yes
KSCABLE200C18G0.75	18 G X 0.75²	13.4	47684	Yes
KSCABLE200C4G1	4 G X 1²	8.2	47693	Yes
KSCABLE200C7G1	7 G X 1²	10.4	47696	Yes
KSCABLE200C12G1	12 G X 1²	12.1	47700	Yes
KSCABLE200C18G1	18 G X 1²	14.2	47704	Yes
KSCABLE200C4G1.5	4 G X 1.5²	8.8	47713	Yes
KSCABLE200C7G1.5	7 G X 1.5²	11.2	47716	Yes
KSCABLE200C12G1.5	12 G X 1.5²	13.7	47720	Yes
KSCABLE200C18G1.5	18 G X 1.5²	15.8	47724	Yes

KABELSCHLEPP SYSTEM PART NUMBER	core numbers X Cross section in mm	Max OD in mm	Matt number	Screened
KS CABLE 400 3X0.5	3 G X 0.5²	6.1	48111	No
KS CABLE 400 4X0.5	4 G X 0.5²	6.5	48112	No
KS CABLE 400 7X0.5	7 G X 0.5²	8.1	48115	No
KS CABLE 400 12X0.5	12 G X 0.5²	10.7	48119	No
KS CABLE 400 18 X 0.5	18 G X 0.5²	12.7	48121	No
KS CABLE 400 25X0.5	25 G X 0.5²	14.4	48124	No
KS CABLE 400 4X0.75	4 G X 0.75²	7.2	48040	No
KS CABLE 400 7X0.75	7 G X 0.75²	8.9	48042	No
KS CABLE 400 25X0.75	25 G X 0.75²	16.6	48045	No
KS CABLE 400 3X1	3 G X 1²	6.9	48046	No
KS CABLE 400 7X1	7 G X 1²	9.4	48049	No
KS CABLE 400 4X1.5	4 G X 1.5²	8.4	48054	No
KS CABLE 400 7X1.5	7 G X 1.5²	10.6	48056	No
KS CABLE 400 12X1.5	12 G X 1.5²	14.7	48057	No
KS CABLE 400 25X1.5	25 G X 1.5²	20.7	48059	No
KS CABLE 400 4G2.5	4 G X 2.5²	9.7	48060	No
KS CABLE 400 12X2.5	12 G X 2.5²	17.7	45229	No
KS CABLE 400 4G4-45242	4 G X 4²	11.5	45242	No
KS CABLE 400 7X6	7 G X 6²	17.7	45254	No

KABELSCHLEPP SYSTEM PART NUMBER	core numbers X Cross section in mm	Max OD in mm	Matt number	Screened
KS CABLE 700 4X0.75	4 G X 0.75²	7.2	45422	No
KS CABLE 700 12X1	12 G X 1²	12.7	45449	No
KS CABLE 700 5X10	5 G X 10²	18.9	45563	No

KABELSCHLEPP SYSTEM PART NUMBER	core numbers X Cross section in mm	Max OD in mm	Matt number	Screened
KS CABLE 400 C 5G0.5	5 G X 0.5²	8.2	48664	Yes
KS CABLE 400 C7X0.5	7 G X 0.5²	9.3	48666	Yes
KS CABLE 400 C 12X0.5	12 G X 0.5²	12.7	48670	Yes
KS CABLE 400 C 25X0.5	25 G X 0.5²	17.2	48678	Yes
KS CABLE 400 C 4X0.75	4 G X 0.5²	8.4	48070	Yes
KS CABLE 400 C 7X0.75	7 G X 0.5²	10.6	48071	Yes
KS CABLE 400 C 12X0.75	12 G X 0.75²	14.3	48072	Yes
KS CABLE 400 C 18X0.75	18 G X 0.75²	17.1	48073	Yes
KS CABLE 400 C 4X1	4 G X 1²	9	48075	Yes
KS CABLE 400 C 12X1	12 G X 1²	15.1	48077	Yes
KS CABLE 400 C 18X1	18 G X 1²	18.4	48078	Yes
KS CABLE 400 C 25X1	25 G X 1²	21	48079	Yes
KS CABLE 400 C 12X1.5	12 G X 1.5²	17.5	48083	Yes
KS CABLE 400C 4G1.5MM	4 G X 1.5²	10.1	48080	Yes
KS CABLE 400 C 4X2.5	4 G X 2.5²	9.7	45222	Yes
KS CABLE 400 C 7X2.5	7 G X 2.5²	12.5	45225	Yes
KS CABLE 400 C 5X2.5	5 G X 2.5²	10.8	45223	Yes
KS CABLE 400 C 4X6	4 G X 6²	13.5	45252	Yes
KS CABLE 400 C 4X16	4 G X 16²	20.8	45272	Yes

KABELSCHLEPP SYSTEM PART NUMBER	core numbers X Cross section in mm	Max OD in mm	Matt number	Screened
KS CABLE 700 C 5X0.75	5 G X 0.75²	9	45723	Yes
KS CABLE 700 C 7X1.5	7 G X 1.5²	12.7	45765	Yes
KS CABLE 700C 4G25	4 G X 25²	29.2	45805	Yes

Checklist Cable Carrier Systems

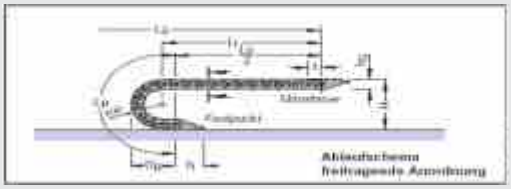
Date:_____ KS-employee:_____

Cable carrier system for

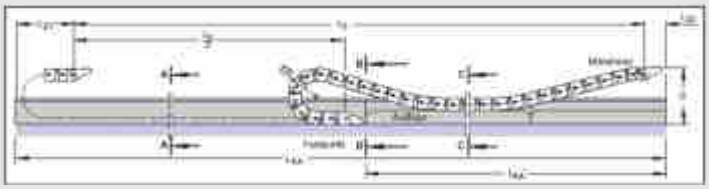
Company:	Date :
Street:	Postal code, City:
Country:	Website address:
Sector :	
O Prospective buyer O Customer	Kabelschlepp – customer number (if available) :

Name :	
E-Mail :	Phone / Fax :
Department: O Purchasing O Electrical Engineering O Mechanis O Other	

O Cable drag chain self-supporting:



O Chain sliding in a channel, (Standard driver connection):



Please select among the following options:

☐	EBV 01	Horizontal arrangement "self-supporting"	☐	EBV 04	Horizontal arrangement "with support"
☐	EBV 05	Horizontal arrangement "resting in a guide channel"	☐	EBV 07	Horizontal arrangement "rotated through 90° Straight" (without pretension)
☐	EBV 08	Horizontal arrangement "rotated throgh 90° looped	☐	EBV 09	Horizontal arrangement "rotated through 90° straight"
☐	EBV 10	Vertical arrangement "standing"	☐	EBV 12	Horizontal/vertical arrangement "combined"
☐	EBV 11	Vertical arrangement "hanging"	☐	EBV 13	Vertical arrangement "coiled"

Application/ -parameters

Machine description:	
Machine/installation drawing (if applicable) :	
Carrier in operating mode: O indoor O outdoor O both	Temperature range: from °C to °C
Other environmental conditions (dust, acids, bases, clean room, explosion proof, high humidity ...) :	

Checklist Cable Carrier Systems

Date:_____ **KS-employee:**_____

Chain type

Chain material : O plastic O galvanized steel O stainless steel – grade : _____

Chain construction : O openable O closed O covered – material : _____

Operating parameters (please copy page for multiple carrier types)

Travel speed v_{max} :	m/s
Operating acceleration $a_{Betrieb}$:	m/s^2
Cross acceleration a_{quer}:	m/s^2
Travel frequence (approx.) :	

Assembly Requirements

Additional load (recommended value) q_z :	kg/m	(refer to cable and/or hose package)
Max. travel length Ls :	mm	
Offset of fixed point LV :	mm	
Max. cavity width of the complete carrier system:	mm	
Max. cavity height of the complete carrier system:	mm	

Cable and hoses :

No.	Cables (Cross section) / type/ manufacturer part no. (if available)	Quantity (units)	Outside-Æ (mm)	Weigth (kg/m)	Allowed KR (mm)
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					

NOTES

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