

Energy Chains

- Energy Chain CK07 - 7 mm or 16 mm wide
- Energy Chain CK10 - 10 mm, 20 mm or 30 mm wide
- Energy Chain CK15 - 15 mm, 20 mm or 30 mm wide
- Energy Chain CK18 - 25 mm, 37 mm, 50 mm or 60 mm wide
- Energy Chain CK20 - 40 mm wide
- Energy Chain CK24 - 60 mm wide
- Energy Chain CK25 - 100 mm wide

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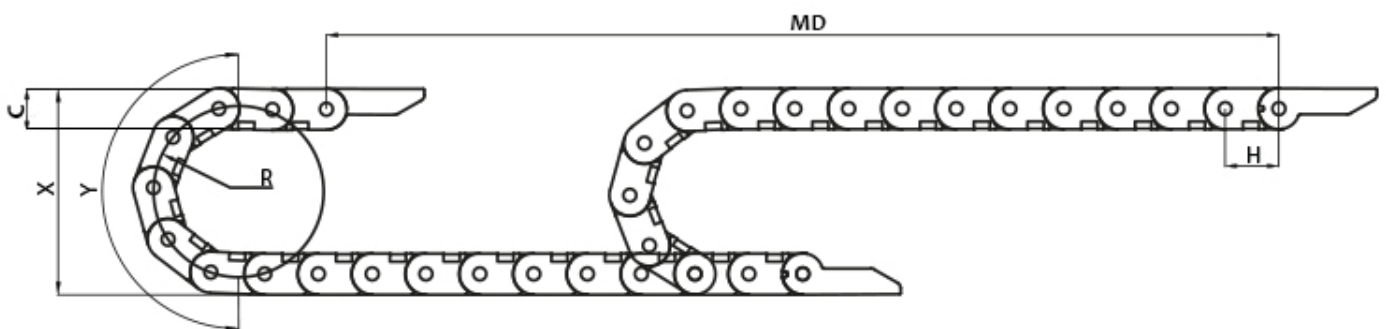


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Energy Chain CK07 - 7 mm



Bezeichnung / Type	Maße / Dimensions (mm)						Gewicht / Weight (kg/m)	Material / Material	Geschwindigkeit / Speed	Betriebs-temperatur / Operating Temperature
	Breite innen / inner width	C	H	R	X	Y				
CK07 - 7 mm	7	10	16	18	46	57	0,07	PA6 with 30% fibre glass	8 m/sec.	- 30°C to 130°C

Bezeichnung / Type	Art.Nr. / Item No.
CK07 - 7 mm - exklusive connection elements, 1000 mm chain-length	CK07F007R018



NOTE: The following calculation formula is valid only if the fixed end of the energy chain is in the middle of the movement distance (MD), as shown in the drawing above.

Formula for calculating the length L.

$$L = MD / 2 + Y$$

MD = Movement Distance

Calculation example:

You want to realize a movement distance of 1000 mm.

$$L = 1000 \text{ mm} / 2 + 57 \text{ mm} = 557 \text{ mm}$$

You need a 557 mm long energy chain to enable a movement distance of 1000 mm

How many chain links do you need?

$$\text{No. of links} = L / H$$

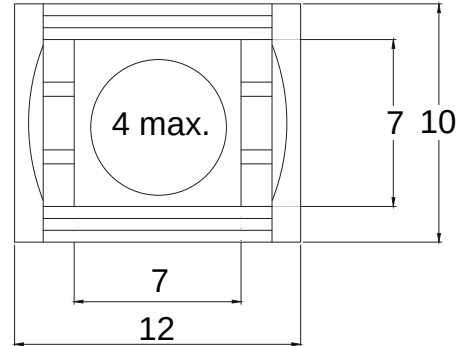
Calculation example: (Calculation example above continued)

$$\text{Number of links} = 557 \text{ mm} / 16 \text{ mm} = 34,81$$

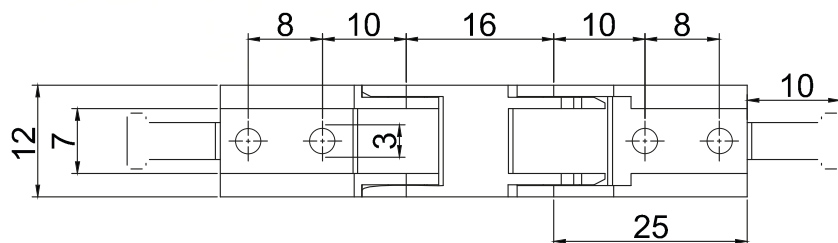
→ You need 35 single chain links.

Energy Chain CK07 - 7 mm

Single Chain Links

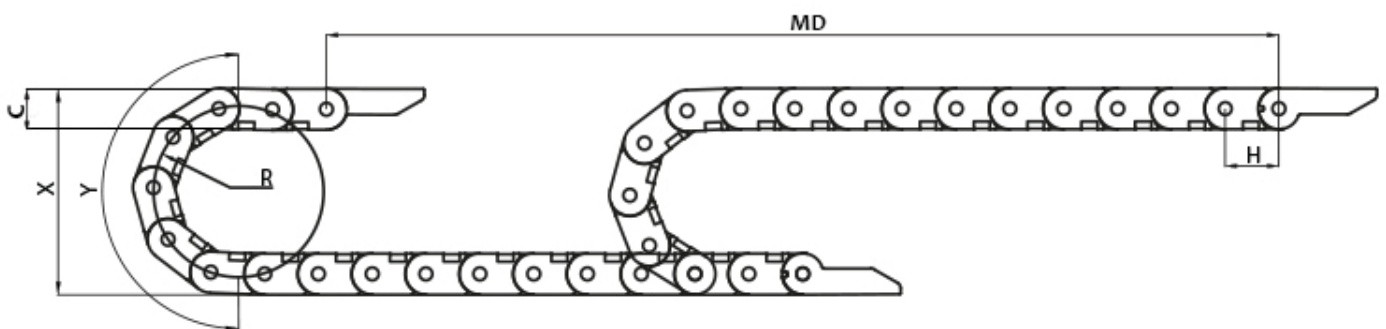
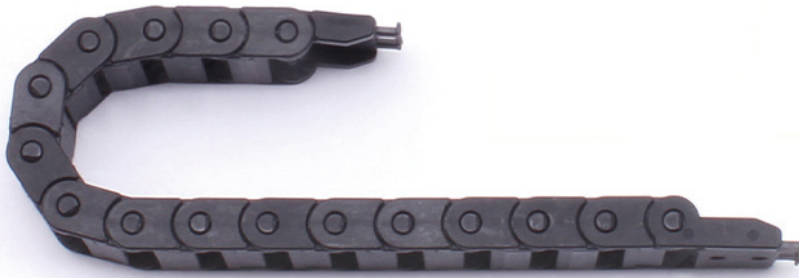


Connection Elements



Bezeichnung / Type	Art.Nr. / Item No.
CK07 - 7 mm, connection elements (1 pair)	CK07P007

Energy Chain CK07 - 16 mm



Bezeichnung / Type	Maße / Dimensions (mm)						Gewicht / Weight (kg/m)	Material / Material	Geschwin- digkeit / Speed	Betriebs- temperatur / Operating Tem- peratur
	Breite innen / inner width	C	H	R	X	Y				
CK07 - 16 mm	16	10	16	18	46	57	0,10	PA6 with 30% fibre glass	8 m/sec.	- 30°C to 130°C

Bezeichnung / Type	Art.Nr. / Item No.
CK07 - 16 mm - exklusive connection elements, 1000 mm chain-length	CK07F016R018



NOTE: The following calculation formula is valid only if the fixed end of the energy chain is in the middle of the movement distance (MD), as shown in the drawing above.

Formula for calculating the length L.

$$L = MD / 2 + Y$$

MD = Movement Distance

Calculation example:

You want to realize a movement distance of 1000 mm.

$$L = 1000 \text{ mm} / 2 + 57 \text{ mm} = 557 \text{ mm}$$

You need a 557 mm long energy chain to enable a movement distance of 1000 mm

How many chain links do you need?

$$\text{No. of links} = L / H$$

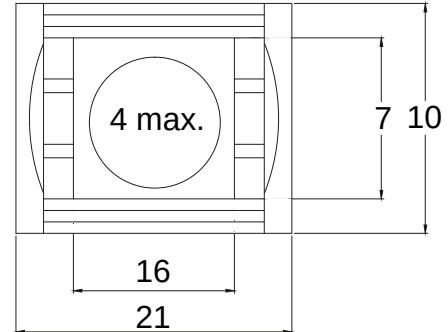
Calculation example: (Calculation example above continued)

$$\text{Number of links} = 557 \text{ mm} / 16 \text{ mm} = 34,81$$

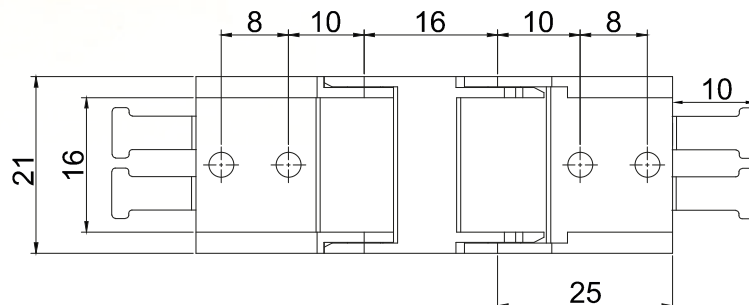
→ You need 35 single chain links.

Energy Chain CK07 - 16 mm

Single Chain Links

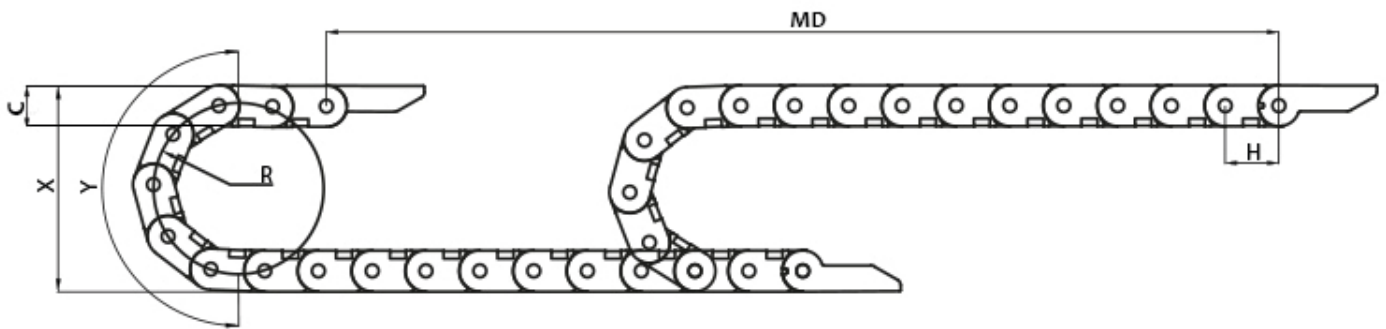


Connection Elements



Bezeichnung / Type	Art.Nr. / Item No.
CK07 - 16 mm, connection elements (1 pair)	CK07P016

Energy Chain CK10 - 10 mm



Bezeichnung / Type	Maße / Dimensions (mm)						Gewicht / Weight (kg/m)	Material / Material	Geschwindigkeit / Speed	Betriebs-temperatur / Operating Temperature
	Breite innen / inner width	C	H	R	X	Y				
CK10 - 10 mm	10	14	18	18	50	57	0,123	PA6 with 30% fibre glass	8 m/sec.	- 30°C to 130°C

Bezeichnung / Type	Art.Nr. / Item No.
CK10 - 10 mm - exklusive connection elements, 1000 mm chain-length	CK10F010R018



NOTE: The following calculation formula is valid only if the fixed end of the energy chain is in the middle of the movement distance (MD), as shown in the drawing above.

Formula for calculating the length L.

$$L = MD / 2 + Y$$

MD = Movement Distance

How many chain links do you need?

$$\text{No. of links} = L / H$$

Calculation example:

You want to realize a movement distance of 1000 mm.

$$L = 1000 \text{ mm} / 2 + 57 \text{ mm} = 557 \text{ mm}$$

You need a 557 mm long energy chain to enable a movement distance of 1000 mm

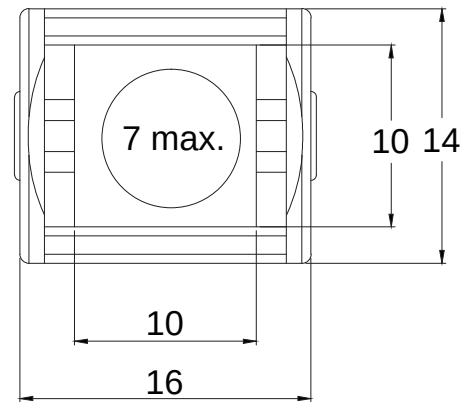
Calculation example: (Calculation example above continued)

$$\text{Number of links} = 557 \text{ mm} / 18 \text{ mm} = 30,94$$

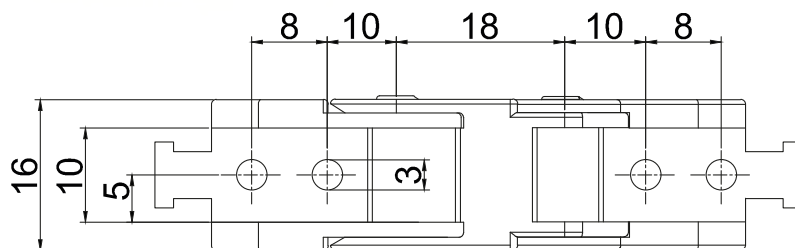
→ You need 31 single chain links.

Energy Chain CK10 - 10 mm

Single Chain Links

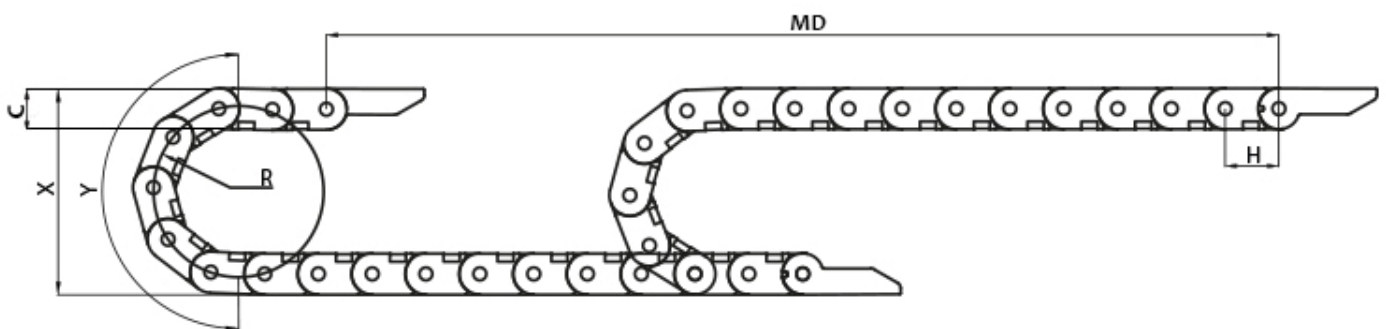


Connection Elements



Bezeichnung / Type	Art.Nr. / Item No.
CK10 - 10 mm, connection elements (1 pair)	CK10P010

Energy Chain CK10 - 20 mm



Bezeichnung / Type	Maße / Dimensions (mm)						Gewicht / Weight (kg/m)	Material / Material	Geschwindigkeit / Speed	Betriebs-temperatur / Operating Temperature
	Breite innen / inner width	C	H	R	X	Y				
CK10 - 20 mm	20	14	18	18	50	57	0,154	PA6 with 30% fibre glass	8 m/sec.	- 30°C to 130°C

Bezeichnung / Type	Art.Nr. / Item No.
CK10 - 20 mm - exklusive connection elements, 1000 mm chain-length	CK10F020R018



NOTE: The following calculation formula is valid only if the fixed end of the energy chain is in the middle of the movement distance (MD), as shown in the drawing above.

Formula for calculating the length L.

$$L = MD / 2 + Y$$

MD = Movement Distance

How many chain links do you need?

$$\text{No. of links} = L / H$$

Calculation example:

You want to realize a movement distance of 1000 mm.

$$L = 1000 \text{ mm} / 2 + 57 \text{ mm} = 557 \text{ mm}$$

You need a 557 mm long energy chain to enable a movement distance of 1000 mm

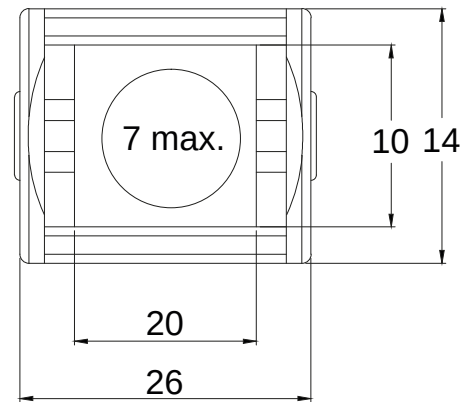
Calculation example: (Calculation example above continued)

$$\text{Number of links} = 557 \text{ mm} / 18 \text{ mm} = 30,94$$

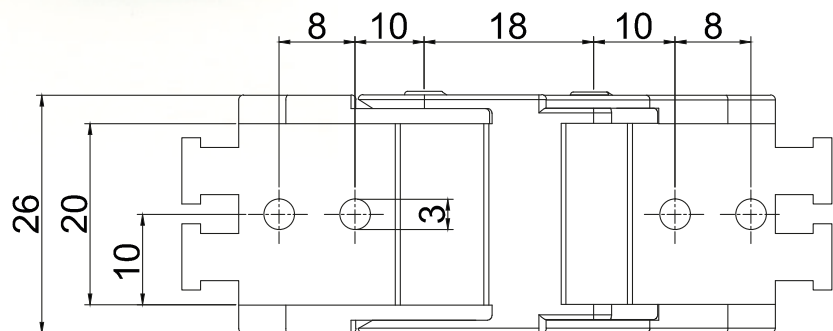
→ You need 31 single chain links.

Energy Chain CK10 - 20 mm

Single Chain Links

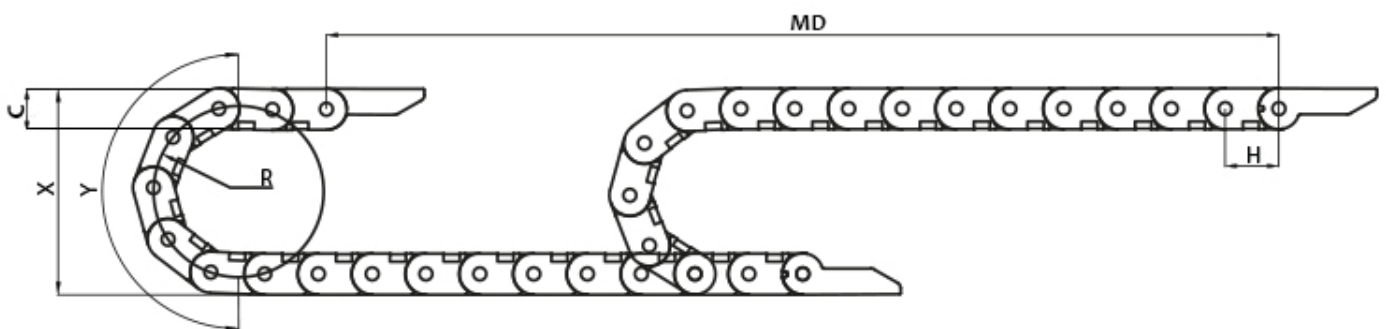
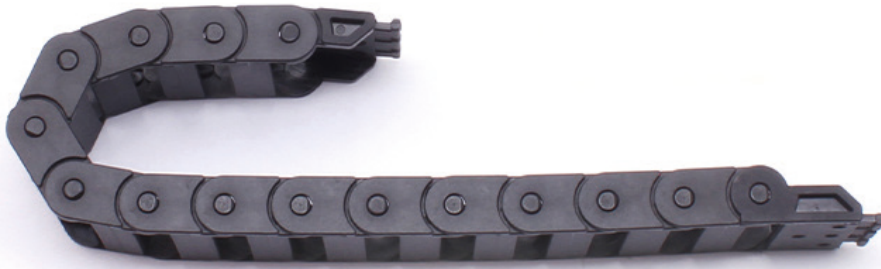


Connection Elements



Bezeichnung / Type	Art.Nr. / Item No.
CK10 - 20 mm, connection elements (1 pair)	CK10P020

Energy Chain CK10 - 30 mm



Bezeichnung / Type	Maße / Dimensions (mm)						Gewicht / Weight (kg/m)	Material / Material	Geschwindigkeit / Speed	Betriebs-temperatur / Operating Temperature
	Breite innen / inner width	C	H	R	X	Y				
CK10 - 30 mm	30	14	18	18	50	57	0,183	PA6 with 30% fibre glass	8 m/sec.	- 30°C to 130°C

Bezeichnung / Type	Art.Nr. / Item No.
CK10 - 30 mm - exklusive connection elements, 1000 mm chain-length	CK10F030R018



NOTE: The following calculation formula is valid only if the fixed end of the energy chain is in the middle of the movement distance (MD), as shown in the drawing above.

Formula for calculating the length L.

$$L = MD / 2 + Y$$

MD = Movement Distance

How many chain links do you need?

$$\text{No. of links} = L / H$$

Calculation example:

You want to realize a movement distance of 1000 mm.

$$L = 1000 \text{ mm} / 2 + 57 \text{ mm} = 557 \text{ mm}$$

You need a 557 mm long energy chain to enable a movement distance of 1000 mm

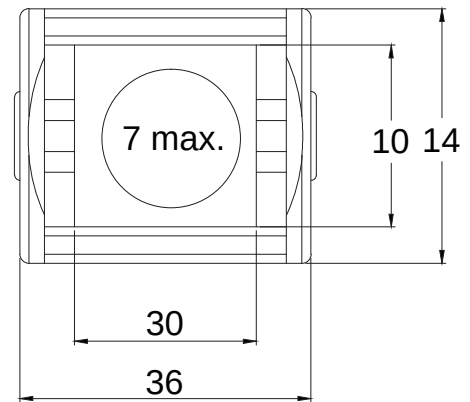
Calculation example: (Calculation example above continued)

$$\text{Number of links} = 557 \text{ mm} / 18 \text{ mm} = 30,94$$

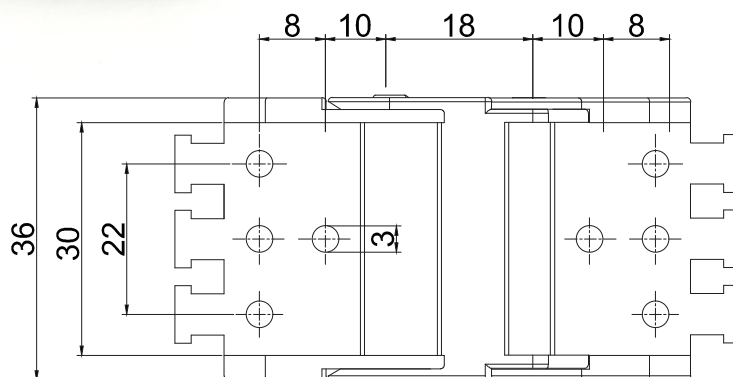
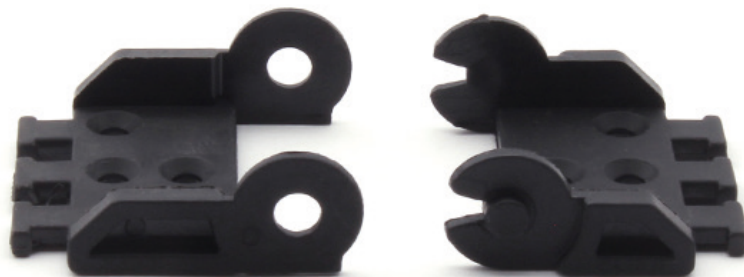
→ You need 31 single chain links.

Energy Chain CK10 - 30 mm

Single Chain Links

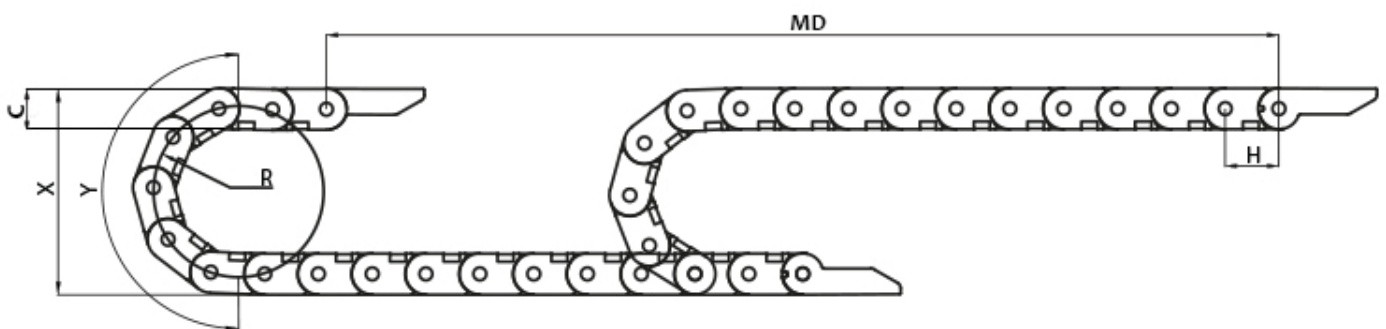


Connection Elements



Bezeichnung / Type	Art.Nr. / Item No.
CK10 - 30 mm, connection elements (1 pair)	CK10P030

Energy Chain CK15 - 15 mm



Bezeichnung / Type	Maße / Dimensions (mm)						Gewicht / Weight (kg/m)	Material / Material	Geschwin- digkeit / Speed	Betriebs- temperatur / Operating Tem- peratur
	Breite innen / inner width	C	H	R	X	Y				
CK15 - 15 mm	15	20	25	25	70	78,5	0,266	PA6 with 30% fibre glass	9 m/sec.	- 30°C to 130°C

Bezeichnung / Type	Art.Nr. / Item No.
CK15 - 15 mm - including connecting elements, selectable length	72025



NOTE: The following calculation formula is valid only if the fixed end of the energy chain is in the middle of the movement distance (MD), as shown in the drawing above.

Formula for calculating the length L.

$$L = MD / 2 + Y$$

MD = Movement Distance

Calculation example:

You want to realize a movement distance of 1000 mm.

$$L = 1000 \text{ mm} / 2 + 78,5 \text{ mm} = 578,5 \text{ mm}$$

You need a 578,5 mm long energy chain to enable a movement distance of 1000 mm

How many chain links do you need?

$$\text{No. of links} = L / H$$

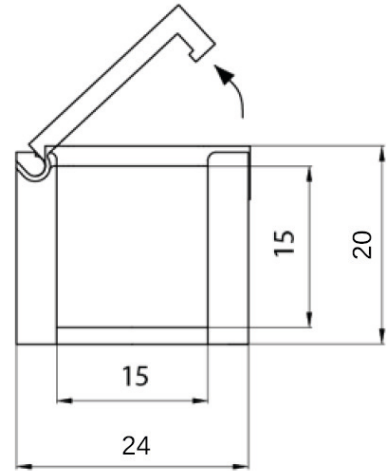
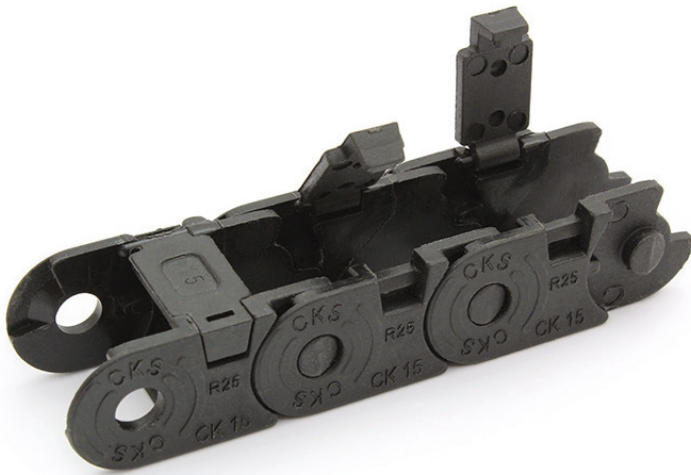
Calculation example: (Calculation example above continued)

$$\text{Number of links} = 578,5 \text{ mm} / 25 \text{ mm} = 23,14$$

→ You need 24 single chain links.

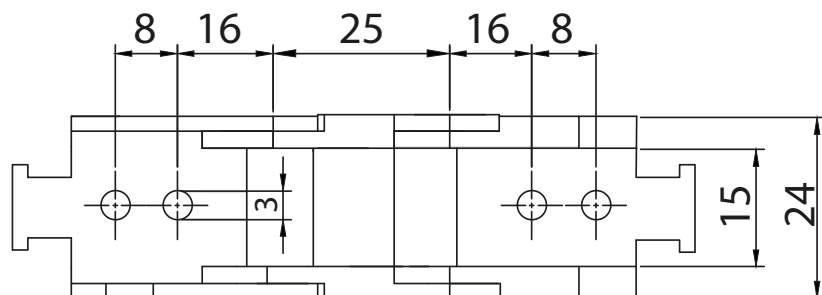
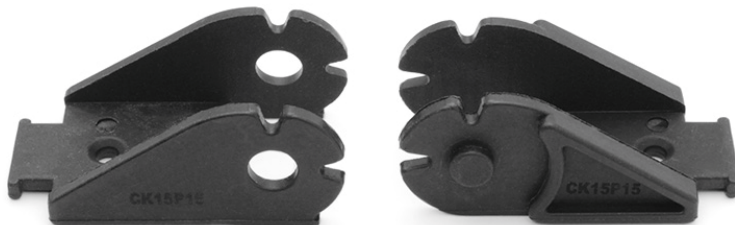
Energy Chain CK15 - 15 mm

Single Chain Links



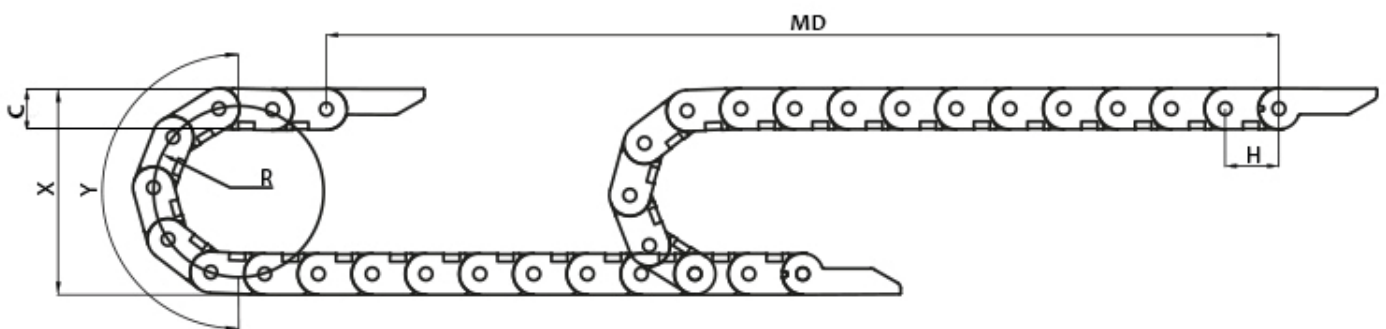
Bezeichnung / Type	Art.Nr. / Item No.
CK15 - 15 mm - single chain link	72001-1
CK15 - 15 mm - 1 bag (40 chain links = 1000mm chain-length)	72001-40

Connection Elements



Bezeichnung / Type	Art.Nr. / Item No.
CK15 - 15 mm, connection elements (1 pair)	72018

Energy Chain CK15 - 20 mm



Bezeichnung / Type	Maße / Dimensions (mm)						Gewicht / Weight (kg/m)	Material / Material	Geschwindigkeit / Speed	Betriebs-temperatur / Operating Temperature
	Breite innen / inner width	C	H	R	X	Y				
CK15 - 20 mm	20	20	25	35	90	110	0,282	PA6 with 30% fibre glass	9 m/sec.	- 30°C to 130°C

Bezeichnung / Type	Art.Nr. / Item No.
CK15 - 20 mm - including connecting elements, selectable length	72117



NOTE: The following calculation formula is valid only if the fixed end of the energy chain is in the middle of the movement distance (MD), as shown in the drawing above.

Formula for calculating the length L.

$$L = MD / 2 + Y$$

MD = Movement Distance

Calculation example:

You want to realize a movement distance of 1000 mm.

$$L = 1000 \text{ mm} / 2 + 110 \text{ mm} = 610 \text{ mm}$$

You need a 610 mm long energy chain to enable a movement distance of 1000 mm

How many chain links do you need?

$$\text{No. of links} = L / H$$

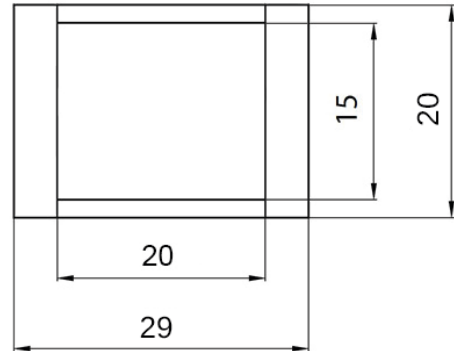
Calculation example: (Calculation example above continued)

$$\text{Number of links} = 610 \text{ mm} / 25 \text{ mm} = 24,4$$

→ You need 25 single chain links.

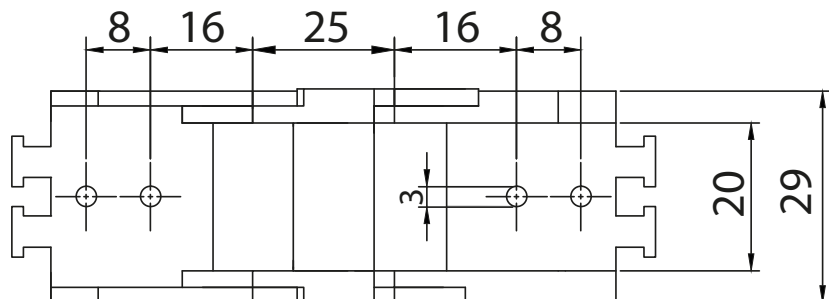
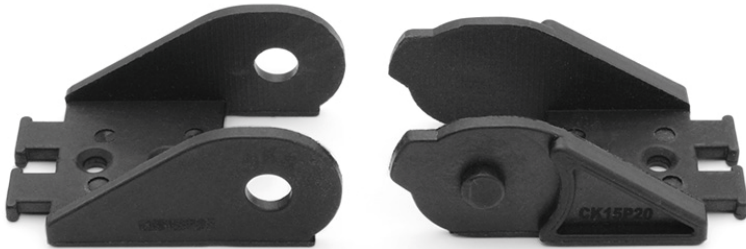
Energy Chain CK15 - 20 mm

Single Chain Links



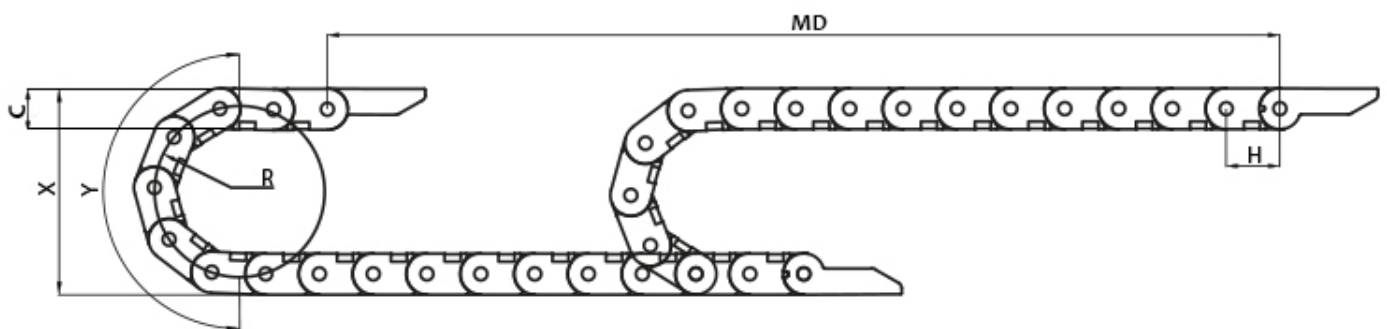
Bezeichnung / Type	Art.Nr. / Item No.
CK15 - 20 mm - single chain link	72094-1
CK15 - 20 mm - 1 bag (40 chain links = 1000mm chain-length)	72094-40

Connection Elements



Bezeichnung / Type	Art.Nr. / Item No.
CK15 - 20 mm, connection elements (1 pair)	72100

Energy Chain CK15 - 30 mm



Bezeichnung / Type	Maße / Dimensions (mm)						Gewicht / Weight (kg/m)	Material / Material	Geschwin- digkeit / Speed	Betriebs- temperatur / Operating Tem- peratur
	Breite innen / inner width	C	H	R	X	Y				
CK15 - 30 mm	30	20	25	35	90	110	0,310	PA6 with 30% fibre glass	9 m/sec.	- 30°C to 130°C

Bezeichnung / Type	Art.Nr. / Item No.
CK15 - 30 mm - including connecting elements, selectable length	72148



NOTE: The following calculation formula is valid only if the fixed end of the energy chain is in the middle of the movement distance (MD), as shown in the drawing above.

Formula for calculating the length L.

$$L = MD / 2 + Y$$

MD = Movement Distance

How many chain links do you need?

$$\text{No. of links} = L / H$$

Calculation example:

You want to realize a movement distance of 1000 mm.

$$L = 1000 \text{ mm} / 2 + 110 \text{ mm} = 610 \text{ mm}$$

You need a 610 mm long energy chain to enable a movement distance of 1000 mm

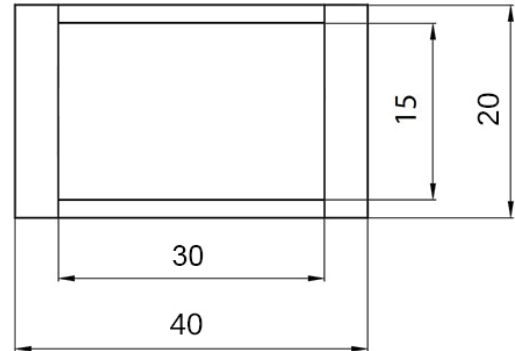
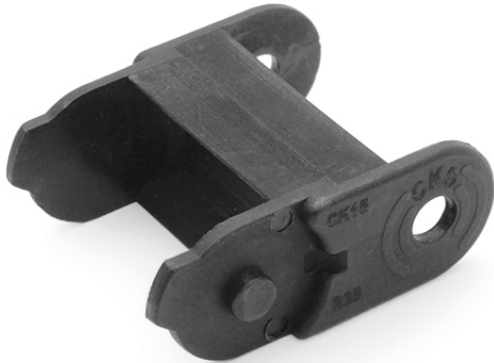
Calculation example: (Calculation example above continued)

$$\text{Number of links} = 610 \text{ mm} / 25 \text{ mm} = 24,4$$

→ You need 25 single chain links.

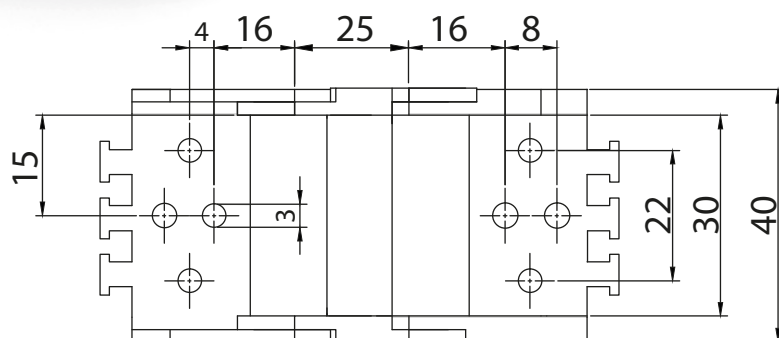
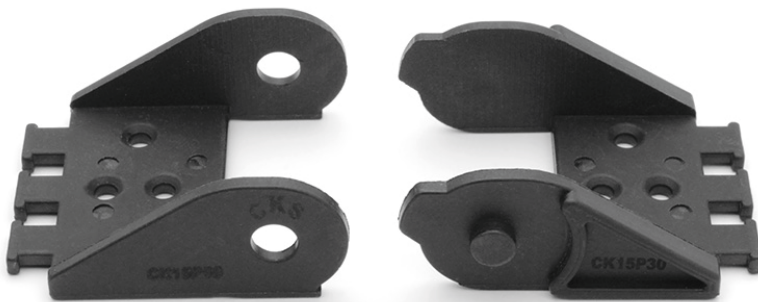
Energy Chain CK15 - 30 mm

Single Chain Links



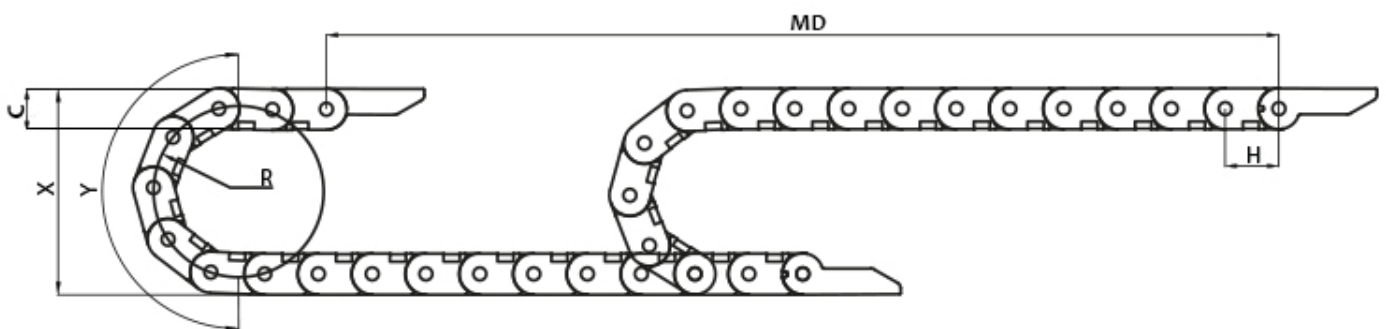
Bezeichnung / Type	Art.Nr. / Item No.
CK15 - 30 mm - single chain link	72124-1
CK15 - 30 mm - 1 bag (40 chain links = 1000mm chain-length)	72124-40

Connection Elements



Bezeichnung / Type	Art.Nr. / Item No.
CK15 - 30 mm, connection elements (1 pair)	72131

Energy Chain CK18 - 25 mm



Bezeichnung / Type	Maße / Dimensions (mm)						Gewicht / Weight (kg/m)	Material / Material	Geschwindigkeit / Speed	Betriebs-temperatur / Operating Temperature
	Breite innen / inner width	C	H	R	X	Y				
CK18 - 25 mm	25	24	33	38	100	120	0,368	PA6 with 30% fibre glass	9 m/sec.	- 30°C to 130°C

Bezeichnung / Type	Art.Nr. / Item No.
CK18 - 25 mm - exklusive connection elements, 1000 mm chain-length	CK18B025R038



NOTE: The following calculation formula is valid only if the fixed end of the energy chain is in the middle of the movement distance (MD), as shown in the drawing above.

Formula for calculating the length L.

$$L = MD / 2 + Y$$

MD = Movement Distance

How many chain links do you need?

$$\text{No. of links} = L / H$$

Calculation example:

You want to realize a movement distance of 1000 mm.

$$L = 1000 \text{ mm} / 2 + 120 \text{ mm} = 620 \text{ mm}$$

You need a 620 mm long energy chain to enable a movement distance of 1000 mm

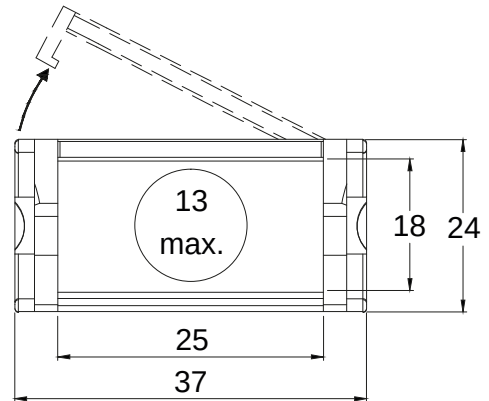
Calculation example: (Calculation example above continued)

$$\text{Number of links} = 620 \text{ mm} / 33 \text{ mm} = 18,79$$

→ You need 19 single chain links.

Energy Chain CK18 - 25 mm

Single Chain Links



Calculation example:

You want to realize a movement distance of 1000 mm.

$$L = 1000 \text{ mm} / 2 + 120 \text{ mm} = 620 \text{ mm}$$

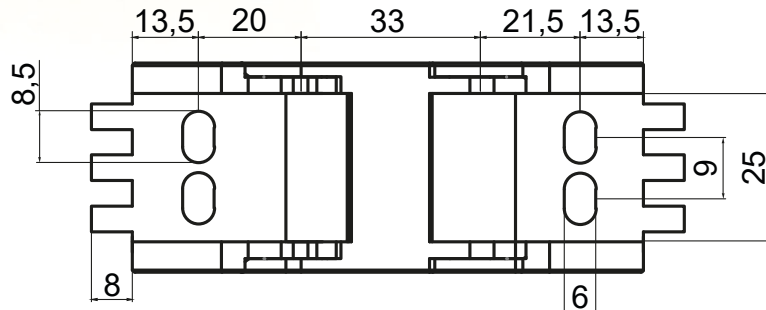
You need a 620 mm long energy chain to enable a movement distance of 1000 mm

Connection Elements

Calculation example: (Calculation example above continued)

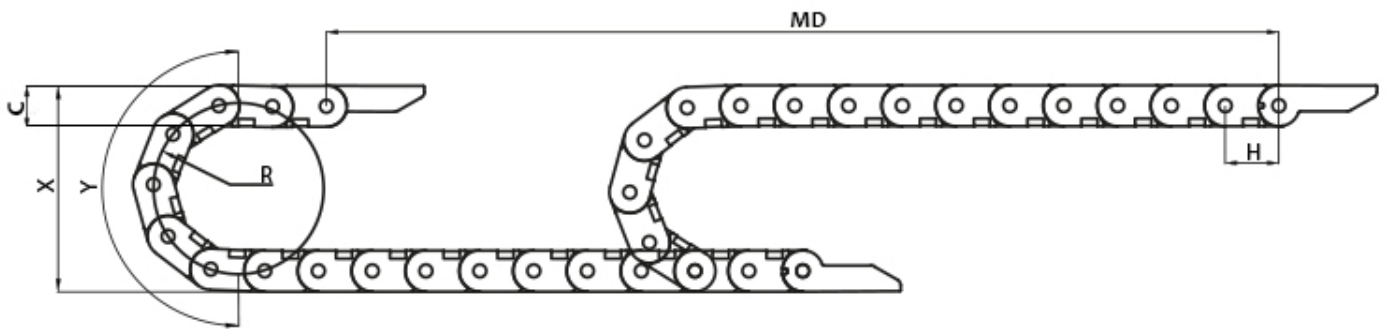
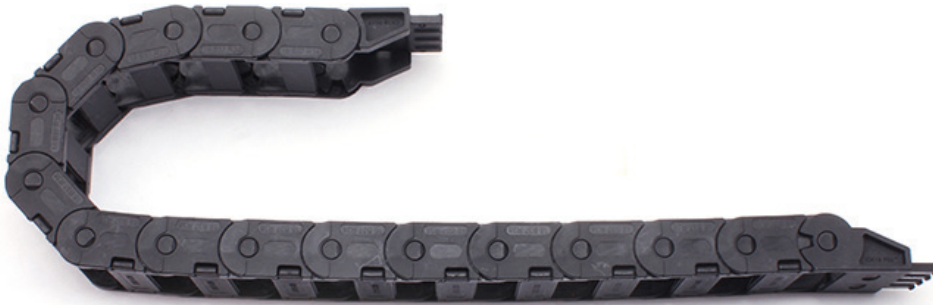
$$\text{Number of links} = 620 \text{ mm} / 33 \text{ mm} = 18,79$$

→ You need 19 single chain links.



Bezeichnung / Type	Art.Nr. / Item No.
CK18 - 25 mm, connection elements (1 pair)	CK18P025

Energy Chain CK18 - 37 mm



Bezeichnung / Type	Maße / Dimensions (mm)						Gewicht / Weight (kg/m)	Material / Material	Geschwindigkeit / Speed	Betriebs-temperatur / Operating Temperature
	Breite innen / inner width	C	H	R	X	Y				
CK18 - 37 mm	37	24	33	38	100	120	0,435	PA6 with 30% fibre glass	9 m/sec.	- 30°C to 130°C

Bezeichnung / Type	Art.Nr. / Item No.
CK18 - 37 mm - exklusive connection elements, 1000 mm chain-length	CK18B037R038



NOTE: The following calculation formula is valid only if the fixed end of the energy chain is in the middle of the movement distance (MD), as shown in the drawing above.

Formula for calculating the length L.

$$L = MD / 2 + Y$$

MD = Movement Distance

How many chain links do you need?

$$\text{No. of links} = L / H$$

Calculation example:

You want to realize a movement distance of 1000 mm.

$$L = 1000 \text{ mm} / 2 + 120 \text{ mm} = 620 \text{ mm}$$

You need a 620 mm long energy chain to enable a movement distance of 1000 mm

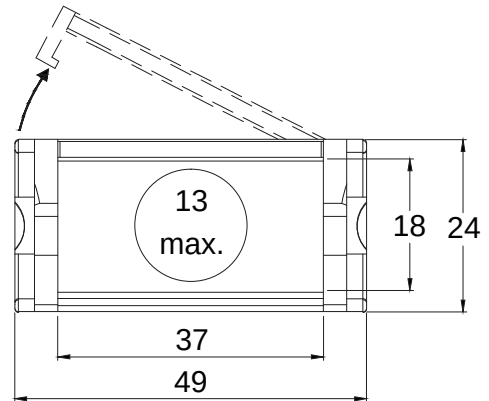
Calculation example: (Calculation example above continued)

$$\text{Number of links} = 620 \text{ mm} / 33 \text{ mm} = 18,79$$

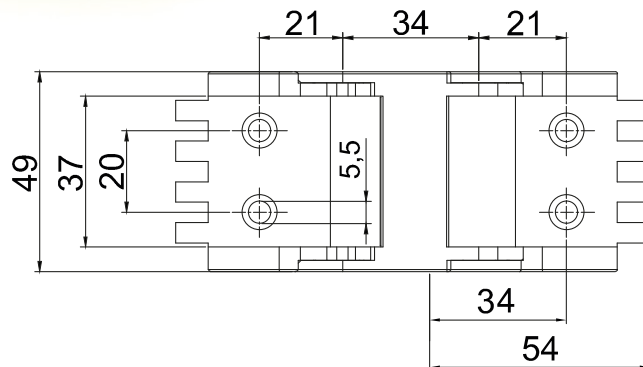
→ You need 19 single chain links.

Energy Chain CK18 - 37 mm

Single Chain Links

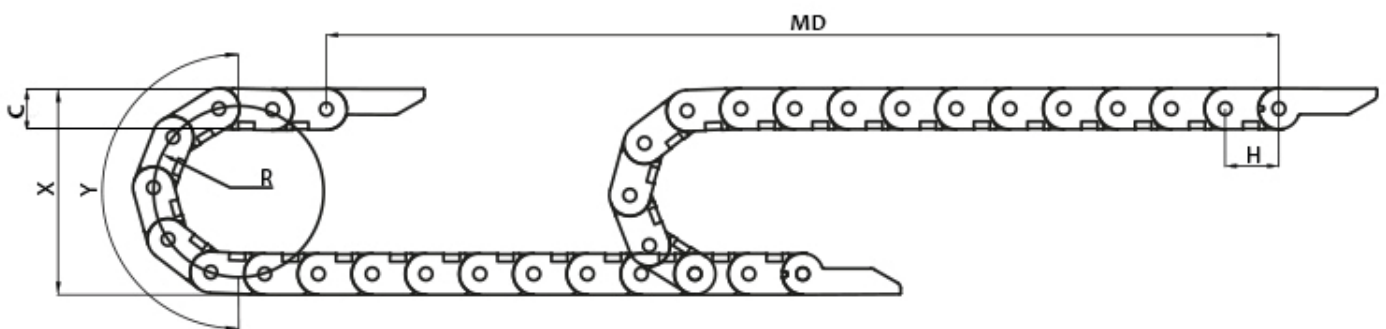


Connection Elements



Bezeichnung / Type	Art.Nr. / Item No.
CK18 - 37 mm, connection elements (1 pair)	CK18P037

Energy Chain CK18 - 50 mm



Bezeichnung / Type	Maße / Dimensions (mm)						Gewicht / Weight (kg/m)	Material / Material	Geschwin- digkeit / Speed	Betriebs- temperatur / Operating Tem- peratur
	Breite innen / inner width	C	H	R	X	Y				
CK18 - 50 mm	50	24	33	38	100	120	0,444	PA6 with 30% fibre glass	9 m/sec.	- 30°C to 130°C

Bezeichnung / Type	Art.Nr. / Item No.
CK18 - 50 mm - exklusive connection elements, 1000 mm chain-length	CK18B050R038



NOTE: The following calculation formula is valid only if the fixed end of the energy chain is in the middle of the movement distance (MD), as shown in the drawing above.

Formula for calculating the length L.

$$L = MD / 2 + Y$$

MD = Movement Distance

Calculation example:

You want to realize a movement distance of 1000 mm.

$$L = 1000 \text{ mm} / 2 + 120 \text{ mm} = 620 \text{ mm}$$

You need a 620 mm long energy chain to enable a movement distance of 1000 mm

How many chain links do you need?

$$\text{No. of links} = L / H$$

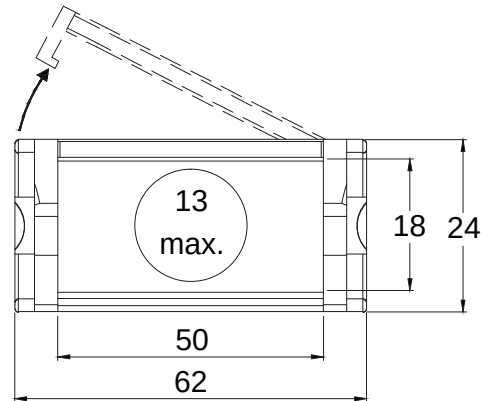
Calculation example: (Calculation example above continued)

$$\text{Number of links} = 620 \text{ mm} / 33 \text{ mm} = 18,79$$

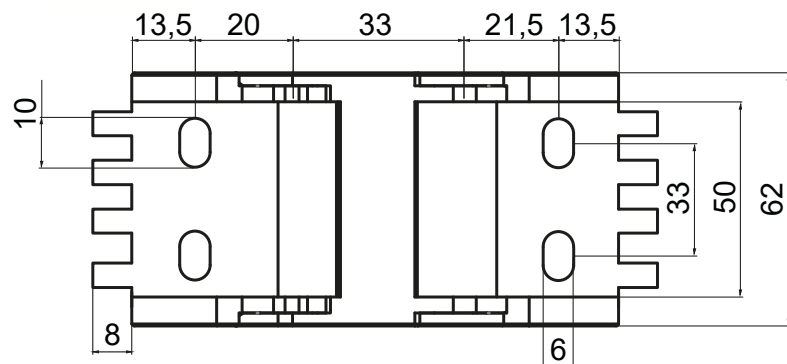
→ You need 19 single chain links.

Energy Chain CK18 - 50 mm

Single Chain Links

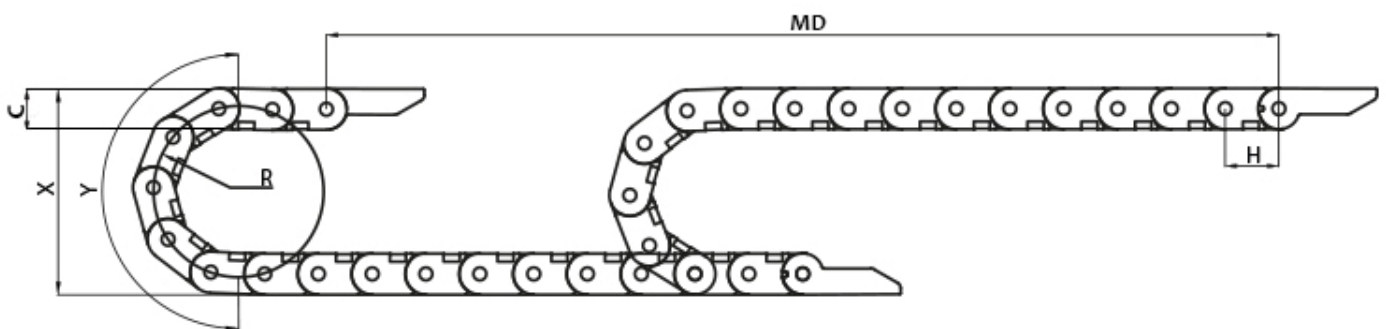
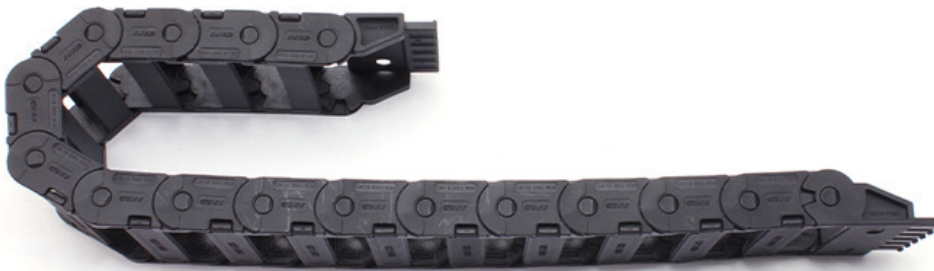


Connection Elements



Bezeichnung / Type	Art.Nr. / Item No.
CK18 - 50 mm, connection elements (1 pair)	CK18P050

Energy Chain CK18 - 60 mm



Bezeichnung / Type	Maße / Dimensions (mm)						Gewicht / Weight (kg/m)	Material / Material	Geschwin- digkeit / Speed	Betriebs- temperatur / Operating Tem- peratur
	Breite innen / inner width	C	H	R	X	Y				
CK18 - 60 mm	50	24	33	38	100	120	0,469	PA6 with 30% fibre glass	9 m/sec.	- 30°C to 130°C

Bezeichnung / Type	Art.Nr. / Item No.
CK18 - 60 mm - exklusive connection elements, 1000 mm chain-length	CK18B060R038



NOTE: The following calculation formula is valid only if the fixed end of the energy chain is in the middle of the movement distance (MD), as shown in the drawing above.

Formula for calculating the length L.

$$L = MD / 2 + Y$$

MD = Movement Distance

How many chain links do you need?

$$\text{No. of links} = L / H$$

Calculation example:

You want to realize a movement distance of 1000 mm.

$$L = 1000 \text{ mm} / 2 + 120 \text{ mm} = 620 \text{ mm}$$

You need a 620 mm long energy chain to enable a movement distance of 1000 mm

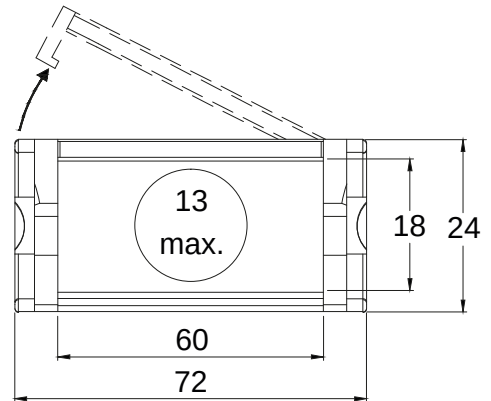
Calculation example: (Calculation example above continued)

$$\text{Number of links} = 620 \text{ mm} / 33 \text{ mm} = 18,79$$

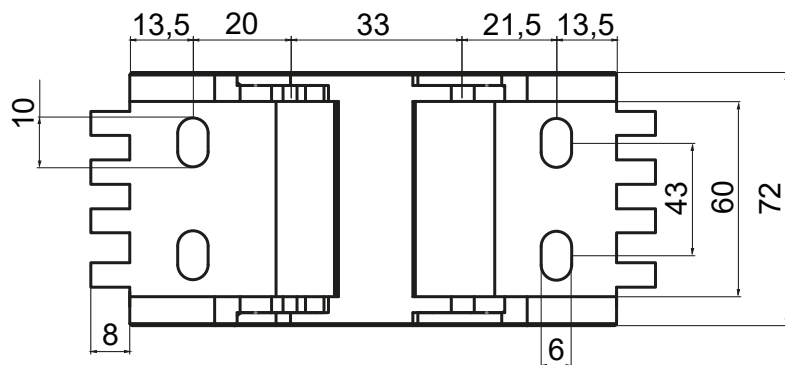
→ You need 19 single chain links.

Energy Chain CK18 - 60 mm

Single Chain Links

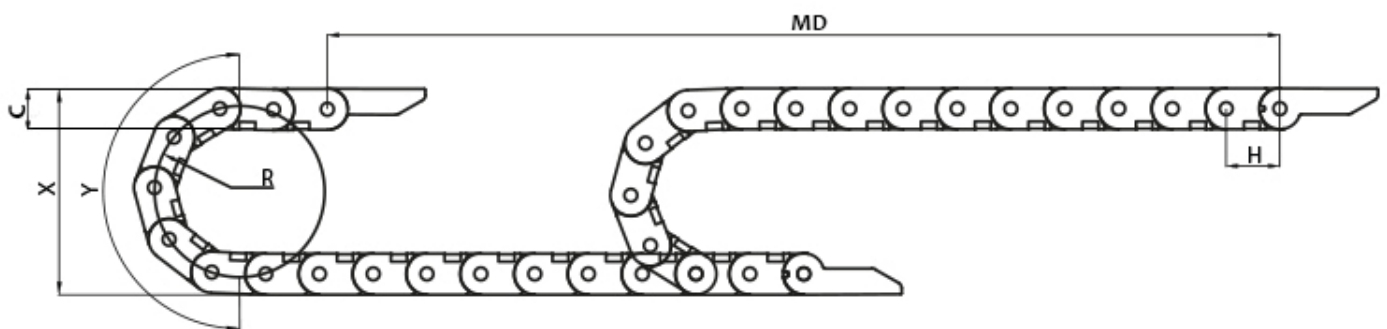
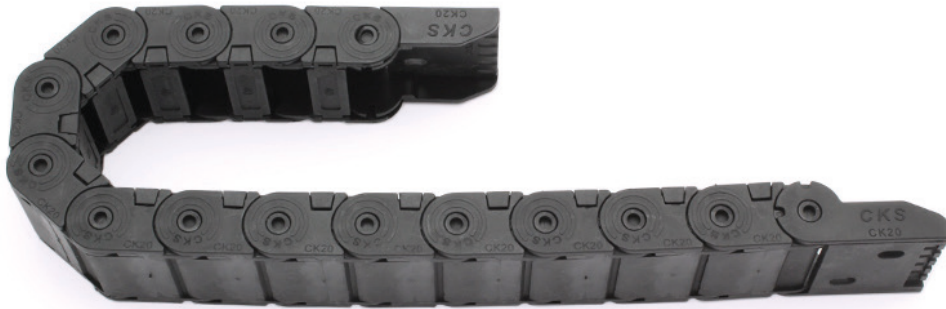


Connection Elements



Bezeichnung / Type	Art.Nr. / Item No.
CK18 - 60 mm, connection elements (1 pair)	CK18P060

Energy Chain CK20 - 40 mm



Bezeichnung / Type	Maße / Dimensions (mm)						Gewicht / Weight (kg/m)	Material / Material	Geschwin- digkeit / Speed	Betriebs- temperatur / Operating Tem- peratur
	Breite innen / inner width	C	H	R	X	Y				
CK20 - 40 mm	40	26	33	40	106	126	0,543	PA6 with 30% fibre glass	9 m/sec.	- 30°C to 130°C

Bezeichnung / Type	Art.Nr. / Item No.
CK20 - 40 mm - including connecting elements, selectable length	72056



NOTE: The following calculation formula is valid only if the fixed end of the energy chain is in the middle of the movement distance (MD), as shown in the drawing above.

Formula for calculating the length L.

$$L = MD / 2 + Y$$

MD = Movement Distance

Calculation example:

You want to realize a movement distance of 1000 mm.

$$L = 1000 \text{ mm} / 2 + 126 \text{ mm} = 626 \text{ mm}$$

You need a 626 mm long energy chain to enable a movement distance of 1000 mm

How many chain links do you need?

$$\text{No. of links} = L / H$$

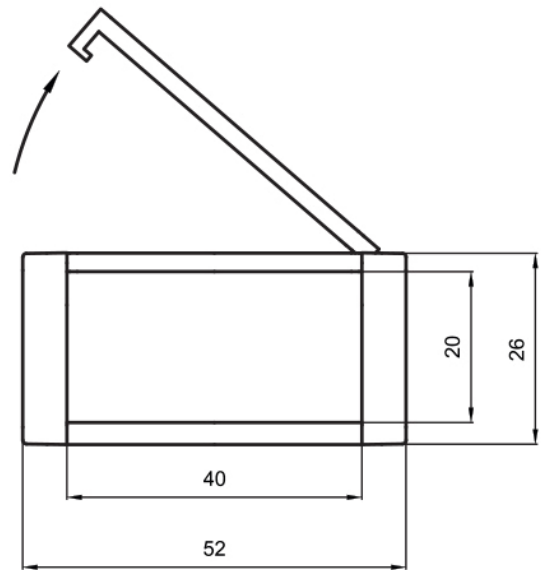
Calculation example: (Calculation example above continued)

$$\text{Number of links} = 626 \text{ mm} / 33 \text{ mm} = 18,97$$

→ You need 19 single chain links.

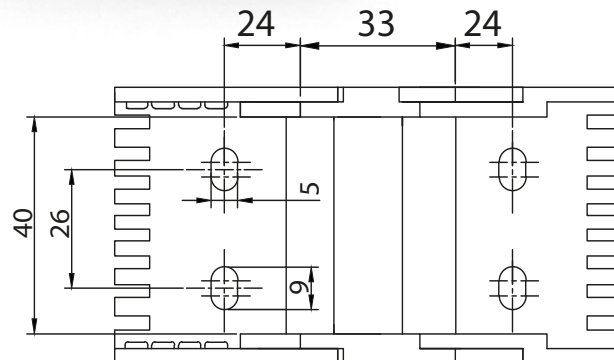
Energy Chain CK20 - 40 mm

Single Chain Links



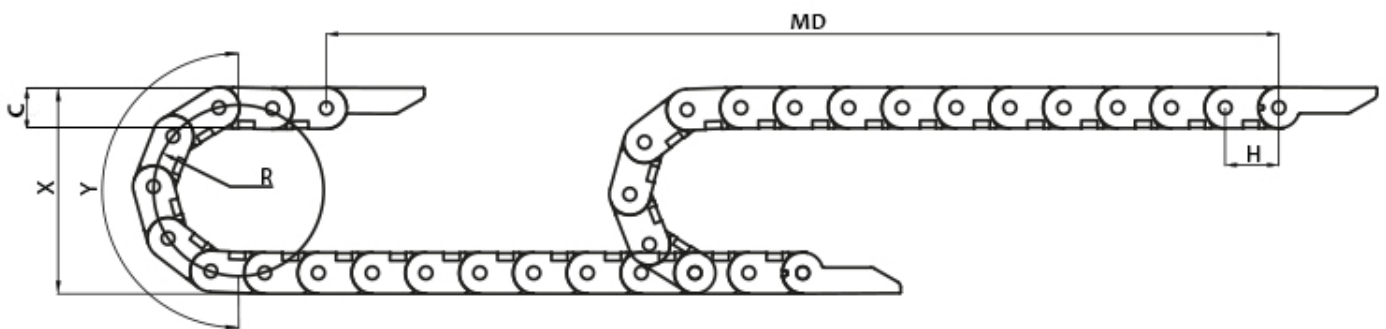
Bezeichnung / Type	Art.Nr. / Item No.
CK20 - 40 mm - single chain link	72032-1
CK20 - 40 mm - 1 bag (30 chain links = 990 mm chain-length)	72032-30

Connection Elements



Bezeichnung / Type	Art.Nr. / Item No.
CK20 - 40 mm, connection elements (1 pair)	72049

Energy Chain CK24 - 60 mm



Bezeichnung / Type	Maße / Dimensions (mm)						Gewicht / Weight (kg/m)	Material / Material	Geschwindigkeit / Speed	Betriebs-temperatur / Operating Temperature
	Breite innen / inner width	C	H	R	X	Y				
CK24 - 60 mm	60	32	44	75	182	236	0,668	PA6 with 30% fibre glass	9 m/sec.	- 30°C to 130°C

Bezeichnung / Type	Art.Nr. / Item No.
CK24 - 60 mm - including connecting elements, selectable length	72087



NOTE: The following calculation formula is valid only if the fixed end of the energy chain is in the middle of the movement distance (MD), as shown in the drawing above.

Formula for calculating the length L.

$$L = MD / 2 + Y$$

MD = Movement Distance

Calculation example:

You want to realize a movement distance of 1000 mm.

$$L = 1000 \text{ mm} / 2 + 236 \text{ mm} = 736 \text{ mm}$$

You need a 736 mm long energy chain to enable a movement distance of 1000 mm

How many chain links do you need?

$$\text{No. of links} = L / H$$

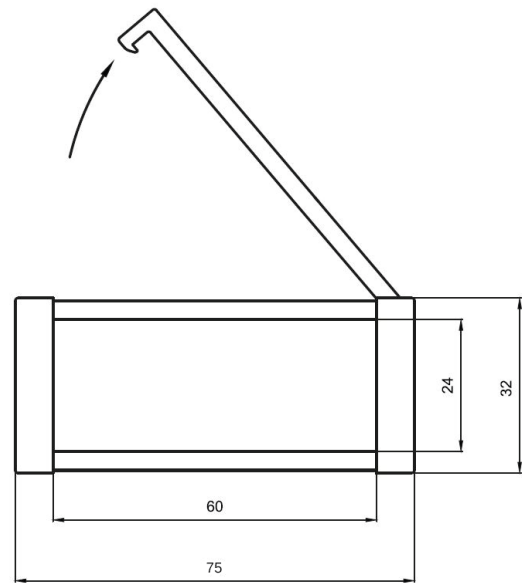
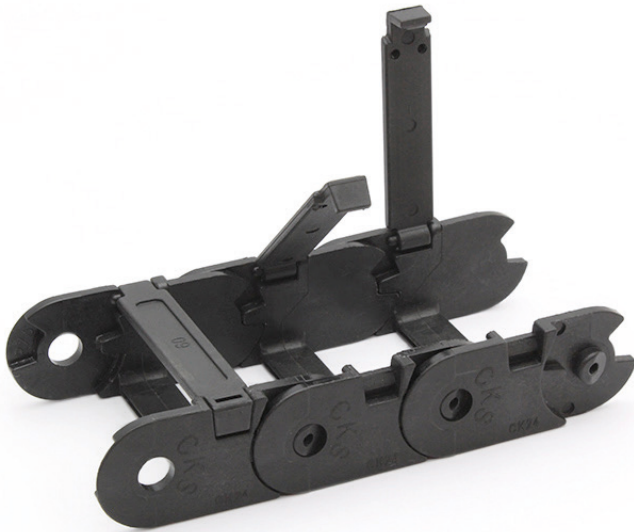
Calculation example: (Calculation example above continued)

$$\text{Number of links} = 736 \text{ mm} / 44 \text{ mm} = 16,73$$

→ You need 17 single chain links.

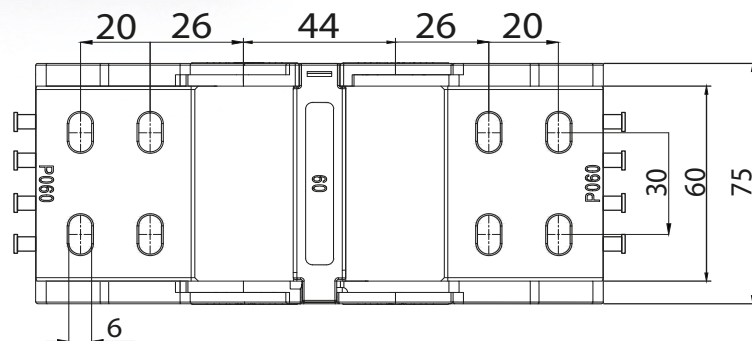
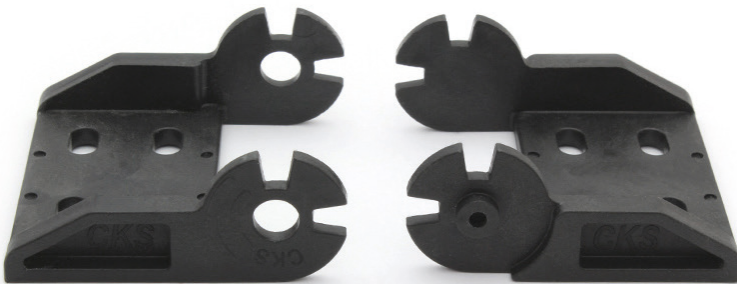
Energy Chain CK24 - 60 mm

Single Chain Links



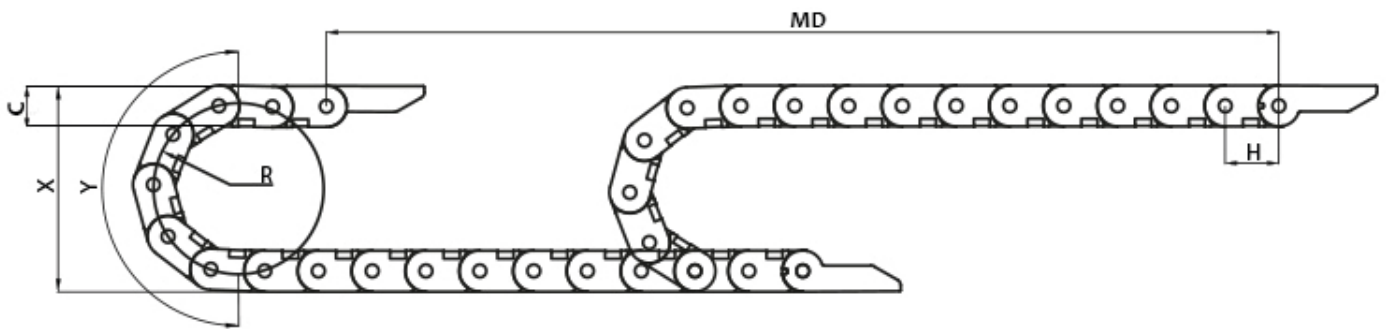
Bezeichnung / Type	Art.Nr. / Item No.
CK24 - 60 mm - single chain link	72063-1
CK24 - 60 mm - 1 bag (24 chain links = 1056 mm chain-length)	72063-24

Connection Elements



Bezeichnung / Type	Art.Nr. / Item No.
CK24 - 60 mm, connection elements (1 pair)	72070

Energy Chain CK25 - 100 mm



Bezeichnung / Type	Maße / Dimensions (mm)						Gewicht / Weight (kg/m)	Material / Material	Geschwin- digkeit / Speed	Betriebs- temperatur / Operating Tem- peratur
	Breite innen / inner width	C	H	R	X	Y				
CK25 - 100 mm	100	42	42	125	292	393	1,332	PA6 with 30% fibre glass	7 m/sec.	- 30°C to 130°C



NOTE: The following calculation formula is valid only if the fixed end of the energy chain is in the middle of the movement distance (MD), as shown in the drawing above.

Formula for calculating the length L.

$$L = MD / 2 + Y$$

MD = Movement Distance

How many chain links do you need?

$$\text{No. of links} = L / H$$

Calculation example:

You want to realize a movement distance of 1000 mm.

$$L = 1000 \text{ mm} / 2 + 393 \text{ mm} = 893 \text{ mm}$$

You need a 893 mm long energy chain to enable a movement distance of 1000 mm

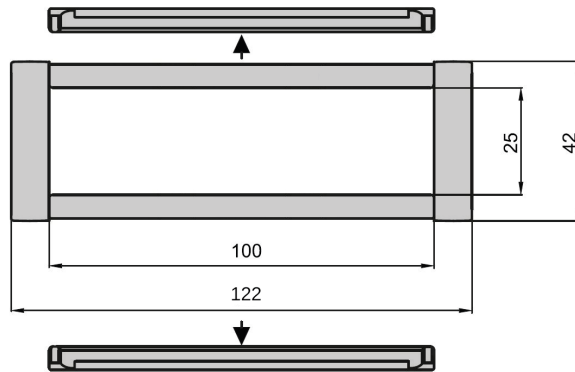
Calculation example: (Calculation example above continued)

$$\text{Number of links} = 893 \text{ mm} / 42 \text{ mm} = 21,26$$

→ You need 22 single chain links.

Energy Chain CK25 - 100 mm

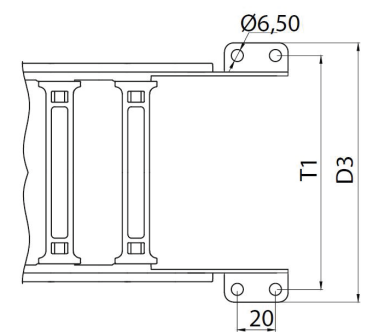
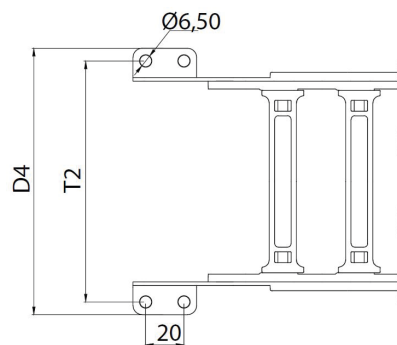
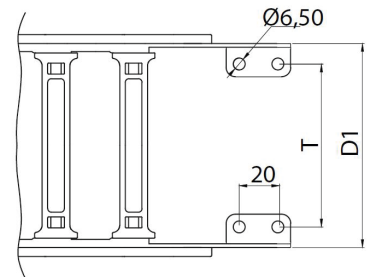
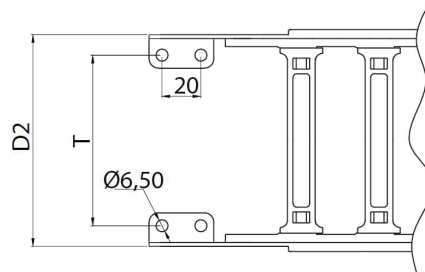
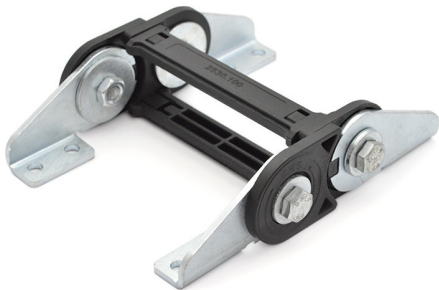
Single Chain Links



Bezeichnung / Type	Art.Nr. / Item No.
CK25 - 100 mm - single chain link	72186-1
CK25 - 100 mm - 1 bag (24 chain links = 1008 mm chain-length)	on demand

* on demand

Connection Elements



Bezeichnung / Type	D1	D2	D3	D4	T	T1	T2	Art.Nr. / Item No.
CK25 - 100 mm, steel connection elements (1 pair)	110	116	140	149	92	123	135	72193