



HENNIG

PROTECT YOUR SUCCESS

CABLE CARRIERS

DRAG CHAINS | **ENERGY CHAINS** | **CABLE CONDUITS** | **CABLE TRACKS**

Safe processes are profitable processes. We make our customers successful by protecting people and machines from the manufacturing environment and waste.

AT HENNIG, YOUR **SUCCESS** ALWAYS COMES FIRST.

Hennig Worldwide has been a global leader since 1950, specializing in chip and coolant management, machine protection, and facility safety. We work with a wide variety of manufacturers and other facilities worldwide, helping them create and maintain safe and efficient workplaces. Our commitment to excellence extends beyond our services—we actively contribute to local communities, create regional jobs, and support the global needs of machine tool customers.

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Cableprotect carriers are certified for CE, ISO 100002, ISO 9001, ISO 14001 and ISO 45001 with certificates of compliance with international standards. As a division of Hennig, Cableprotect is supported by a global network of sales and distribution channels and over 1,000,000 sq ft of manufacturing capability.





PROTECT YOUR SUCCESS

Safeguard cables, hoses, and electrical lines on machinery and equipment using our versatile cable carriers. Our cable carriers are ideal for a wide range of applications, including robotics, handling, textile industries, water treatment plants, machine tools, and more. They effectively minimize cable wear, reduce stress, prevent entanglement, and enhance operator safety.

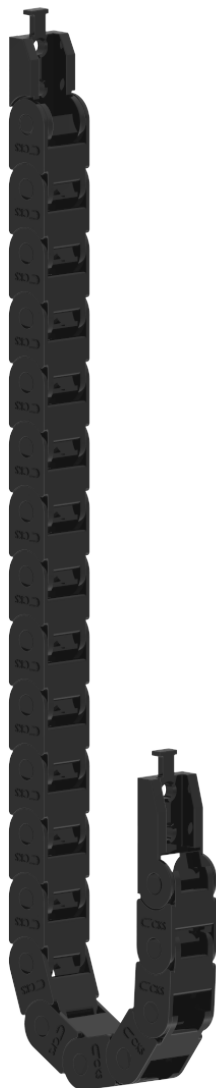
Plastic cable carriers are often the preferred choice for most applications. They offer significant advantages such as chemical resistance, a lightweight design, and cost-effectiveness. In cases of heavy payloads or other extreme conditions, steel chains are used. For exceptionally demanding cycles, our hardened (carburized) steel chains ensure exceptional longevity.

Choose from our extensive selection of cable carriers to find the perfect fit for your application. We provide a comprehensive range of options, ensuring that you get the right setup tailored to your specific needs.



||||| HENNIG
cableprotect

*CK07
Fixed Frame Stay*



MATERIAL FEATURES

PA6 %30 With %30 Fiber Glass

MAX TRAVEL DISTANCE Please
contact.

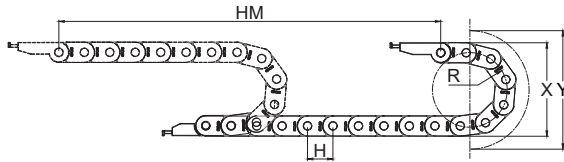
MAX SPEED

8 m/sec

OPERATING TEMPERATURE

-30°C ~ + 130°C

The formulas below assume a center mounted carrier design. In applications that are not center mounted, the offset distance must be added to HM. It is a best practice to add an additional two safety links (2xH) to avoid over-travel.



- L** Chain Length
- HM** Travel Distance
- X** Mounting Height
- Y** Curve Length
- H** Pitch

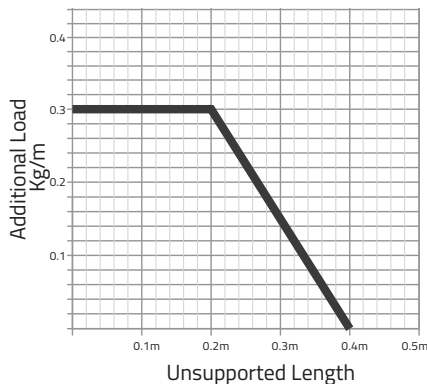
$$L = HM / 2 + Y$$

$$X = R \times 2 + C$$

$$Y = R \times \pi$$

Bending Radius	
	18
H (mm)	12,5
X (mm)	46
Y (mm)	57

LOAD DIAGRAM





CK07 F Series

Fixed Frame Stay

Product No. Example

CK07

Inner Height

F

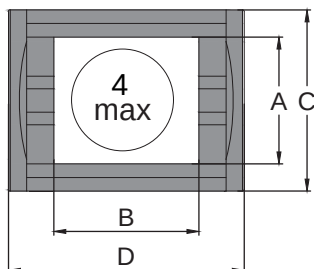
Fixed Frame

007

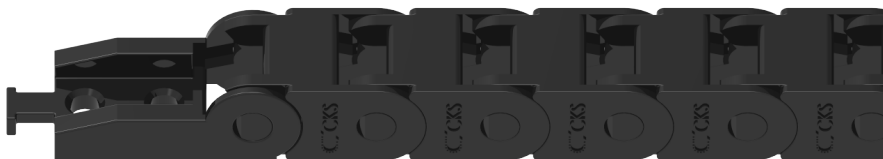
Inner Width

R018

Bending Radius



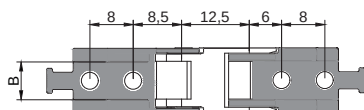
CK07 F	A	B	C	D	R	W
MODEL	Inner Height (mm)	Inner Width (mm)	Outer Height (mm)	Outer Width (mm)	Bending Radius	Weight Kg/Mt
CK07 F 007 R018	7	7	10	12	18	0,07
CK07 F 016 R018	7	16	10	21	18	0,10



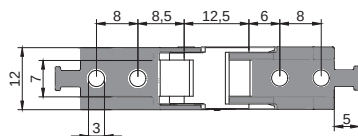
CK07 P

Plastic End Bracket Assembly Dimensions

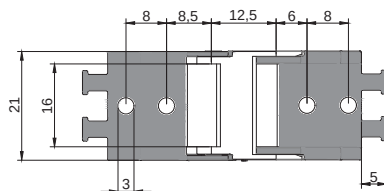
CK07 P



CK07 P 07

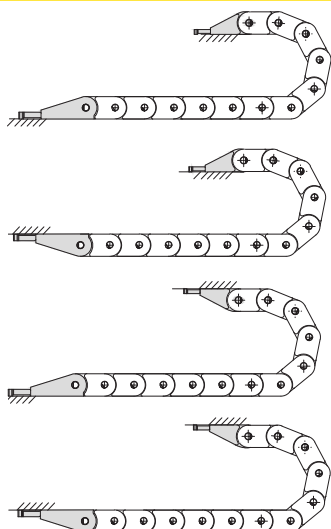


CK07 P 16



Plastic End Bracket Assembly

Assembly-Disassembly



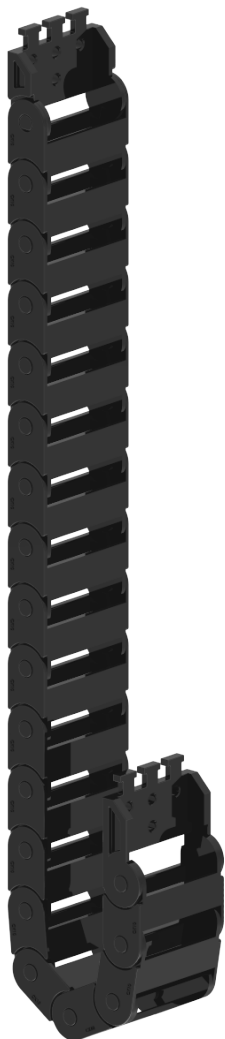


||||| HENNIG

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CK10 F Series

Fixed Frame



MATERIAL FEATURES

PA6 %30 | PA6 With %30 Fiber Glass

MAX TRAVEL DISTANCE

Please contact.

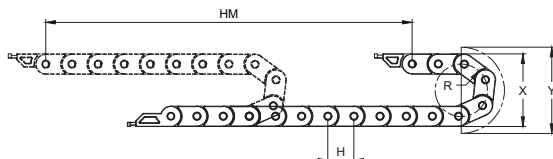
MAX SPEED

8 m/sn | 8 m/sec

OPERATING TEMPERATURE

-30°C ~ + 130°C

The formulas below assume a center mounted carrier design. In applications that are not center mounted, the offset distance must be added to HM. It is a best practice to add an additional two safety links (2xH) to avoid over-travel.



L Chain Length

HM Travel Distance

X Mounting Height

Y Curve Length

H Pitch

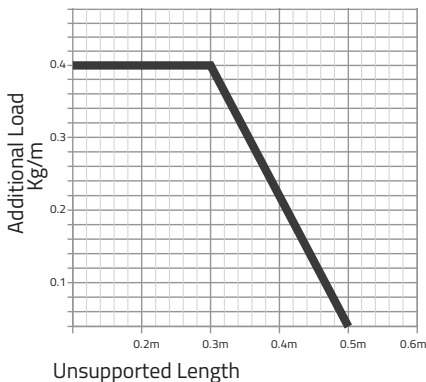
$$L = HM / 2 + Y$$

$$X = R \times 2 + C$$

$$Y = R \times \pi$$

Bending Radius	18
H (mm)	18
X (mm)	50
Y (mm)	57

LOAD DIAGRAM



CK 10 F SERIES

Fixed Frame Stay

Product No. Example

CK10

Inner Height

F

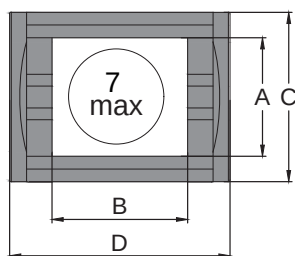
Fixed Frame

010

Inner Width

R018

Bending Radius



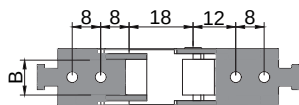
CK10 F	A	B	C	D	R	W
MODEL	Inner Height (mm)	Inner Width (mm)	Outer Height (mm)	Outer Width (mm)	Bending Radius	Weight Kg/Mt
CK10 F 010 R018	10	10	14	16	18	0,123
CK10 F 020 R018	10	20	14	26	18	0,154
CK10 F 030 R018	10	30	14	36	18	0,183



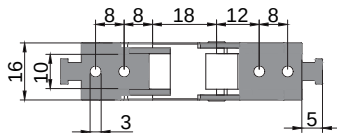
CK10 P

Plastic End Bracket Assembly Dimensions

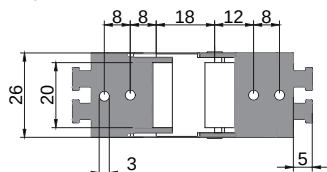
CK10 P



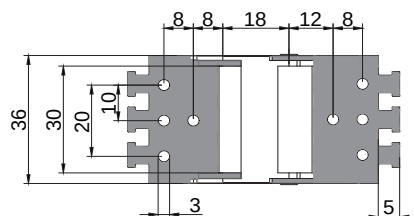
CK10 P10



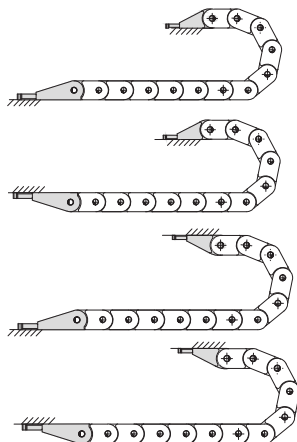
CK10 P20



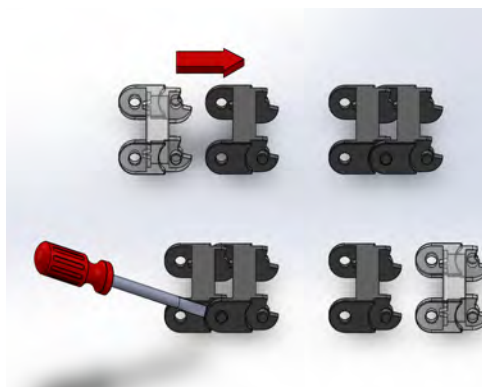
CK10 P30



Plastic End Bracket Assembly



Assembly-Disassembly





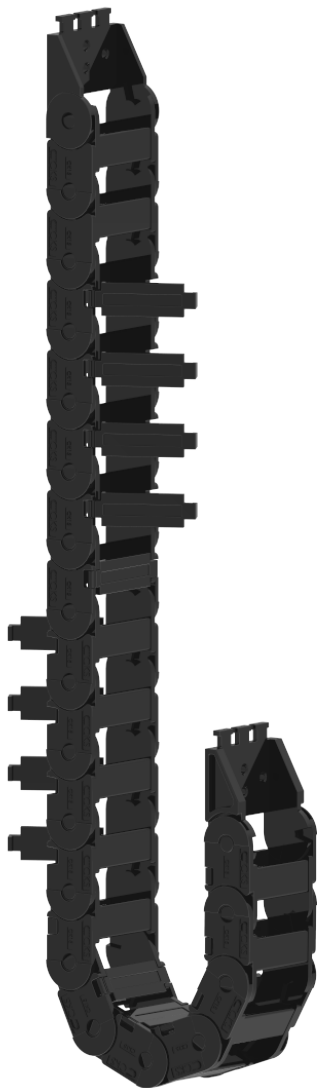
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Tel: +1 815 636 9900

Toll free: +1 888 436 6446

Fax: +1 815 636 9737

CK15 Series Plastic Light Duty



CK15 A Series

Openable From Inner Side

CK15 B Series

Openable From Outside

CK 15 F Series

Fixed Frame

MATERIAL FEATURES

PA6 %30 | PA6 With %30 Fiber Glass

MAX TRAVEL DISTANCE

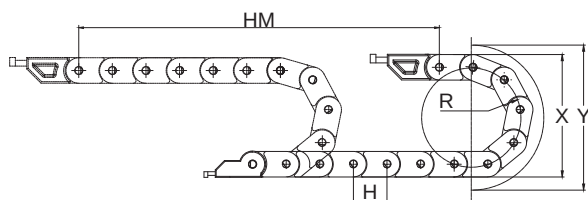
Please contact.

MAX SPEED

9 m/sec

OPERATING TEMPERATURE

-30°C ~ + 130°C



L Chain Length

HM Travel Distance

X Mounting Height

Y Pretension

H Pitch

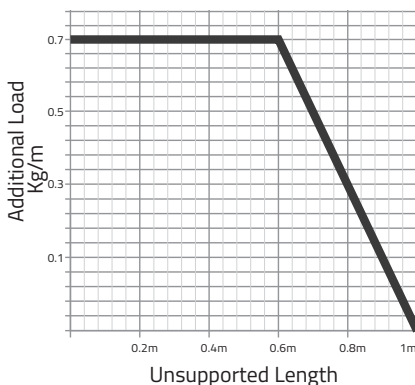
$$L = HM / 2 + Y$$

$$X = R \times 2 + C$$

$$Y = R \times \pi$$

Bending Radius	25	35
H (mm)	25	25
X (mm)	70	90
Y (mm)	78,5	110

LOAD DIAGRAM





CK15 A Series

Openable From Inner Side

Product No. Example

CK15

A

015

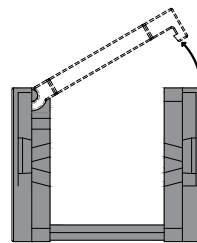
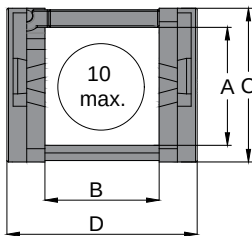
R025

Inner Height

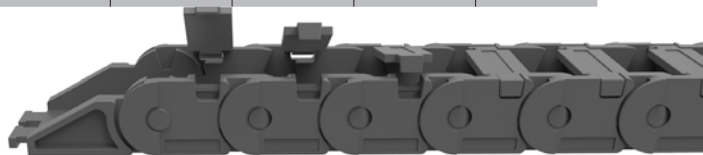
Openable From Inner Side

Inner Width

Bending Radius



CK15 A	A	B	C	D	R	W
MODEL	Inner Height (mm)	Inner Width (mm)	Outer Height (mm)	Outer Width (mm)	Bending Radius	Weight Kg/Mt
CK15 A 015 R ...	15	15	20	24	25-35	0,266
CK15 A 020 R ...	15	20	20	29	25-35	0,282
CK15 A 030 R ...	15	30	20	39	25-35	0,310
CK15 A 040 R ...	15	40	20	49	25-35	0,336



CK15 B Series

Openable From Outside

Product No. Example

CK15

B

015

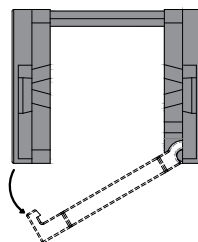
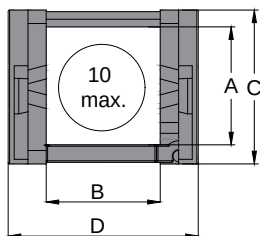
R025

Inner Height

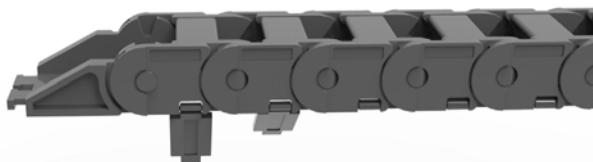
Openable From Outside

Inner Width

Bending Radius



CK15 B	A	B	C	D	R	W
MODEL	Inner Height (mm)	Inner Width (mm)	Outer Height (mm)	Outer Width (mm)	Bending Radius	Weight Kg/Mt
CK15 B 015 R...	15	15	20	24	25-35	0,266
CK15 B 020 R...	15	20	20	29	25-35	0,282
CK15 B 030 R...	15	30	20	39	25-35	0,310
CK15 B 040 R...	15	40	20	49	25-35	0,336





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CK15 Series Plastic Light Duty

CK15 F Series

Fixed Frame

Product No. Example

CK15

F

015

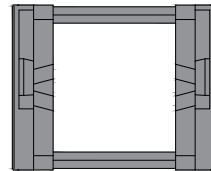
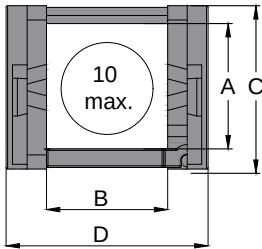
R025

Inner Height

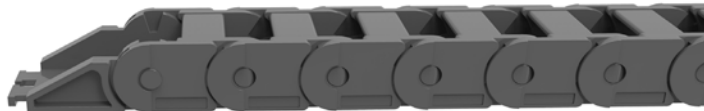
Fixed Frame

Inner Width

Bending Radius



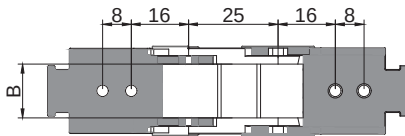
CK15 F	A	B	C	D	R	W
MODEL	<i>Inner Height (mm)</i>	<i>Inner Width (mm)</i>	<i>Outer Height (mm)</i>	<i>Outer Width (mm)</i>	<i>Bending Radius</i>	<i>Weight Kg/Mt</i>
CK15 F 015 R ...	15	15	20	24	25-35	0,266
CK15 F 020 R ...	15	20	20	29	25-35	0,282
CK15 F 030 R ...	15	30	20	39	25-35	0,310
CK15 F 040 R ...	15	40	20	49	25-35	0,336



Plastic End Bracket Assembly Dimensions

CK15 P

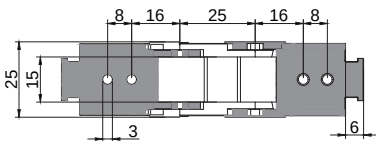
CK15 P



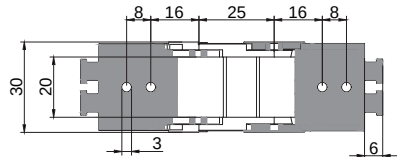
CK15 A-B-F



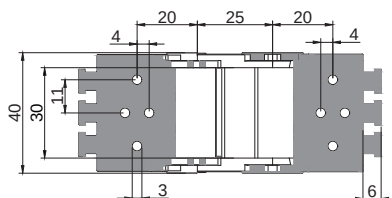
CK15 P15



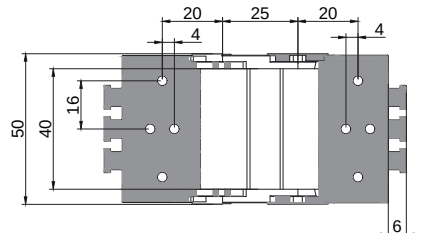
CK15 P20



CK15 P30



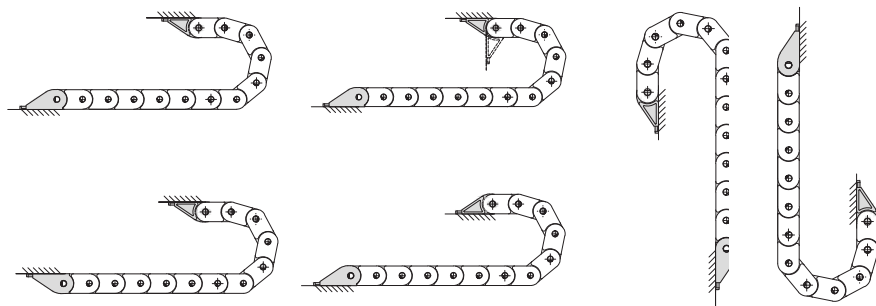
CK15 P40



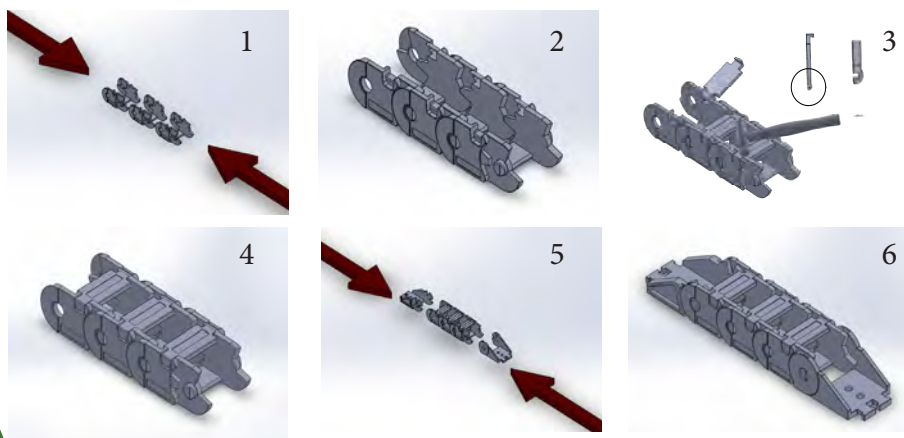


CK15 P

Plastic End Bracket Assembly



Assembly-Disassembly

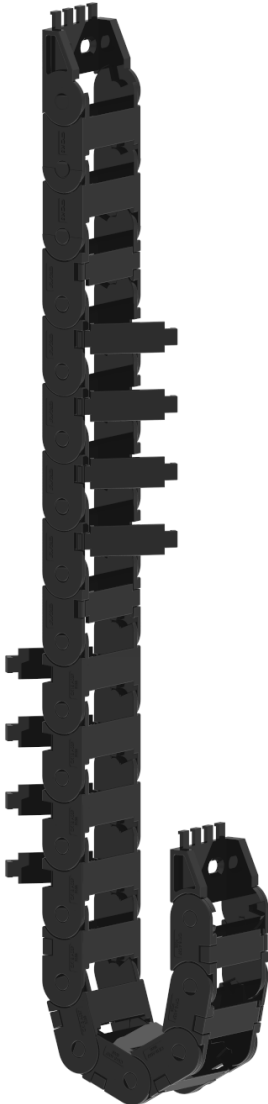


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Tel: +1 815 636 9900
Toll free: +1 888 436 6446
Fax: +1 815 636 9737

CK15



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CK18 A Series

Openable From Inner Side

CK18 B Series

Openable From Outer Side

CK18 B Series

Fixed Frame Stay

MATERIAL FEATURES

PA6 %30 | PA6 With %30 Fiber Glass

MAX TRAVEL DISTANCE

40 meters with support

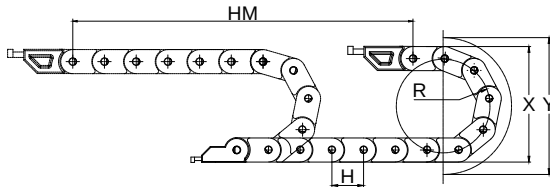
MAX SPEED

9 m/sec

OPERATING TEMPERATURE

-30°C ~ + 130°C

The formulas below assume a center mounted carrier design. In applications that are not center mounted, the offset distance must be added to HM. It is a best practice to add an additional two safety links (2xH) to avoid over-travel.



- L** Chain Length
- HM** Travel Distance
- X** Mounting Height
- Y** Curve Length
- H** Pitch

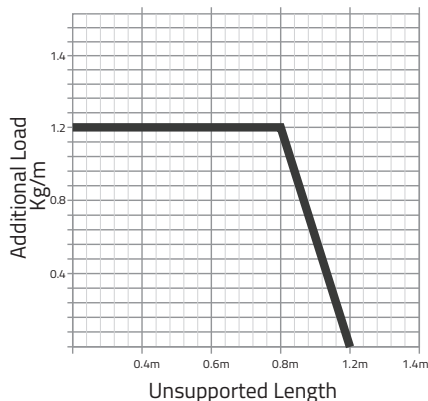
$$L = HM / 2 + Y$$

$$X = R \times 2 + C$$

$$Y = R \times \pi$$

Bending Radius	38	75	100	38 / 38
H (mm)	33	33	33	33
X (mm)	100	174	224	75/75
Y (mm)	119	236	314	100/100

LOAD DIAGRAM





CK18 A Series

Openable From Inner Side

Product No. Example

CK18

A

025

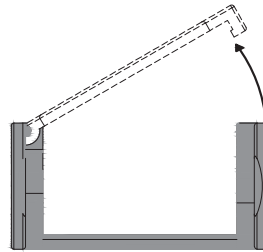
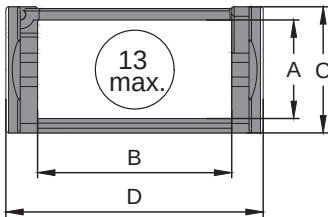
R03 8

Inner Height

Openable From Inner Side

Inner Width

Bending Radius



CK18 A	A	B	C	D	R	W
MODEL	Inner Height (mm)	Inner Width (mm)	Outer Height (mm)	Outer Width (mm)	Bending Radius	Weight Kg/Mt
CK18 A 025 R ...	18	25	24	37	38, 75, 100 38/38*	0,368
CK18 A 037 R ...	18	37	24	49		0,435
CK18 A 050 R ...	18	50	24	62		0,452
CK18 A 060 R ...	18	60	24	72		0,479

* There is option for a reverse bend radius.



CK18 B Series

Openable From Outside

Product No. Example

CK18

B

037

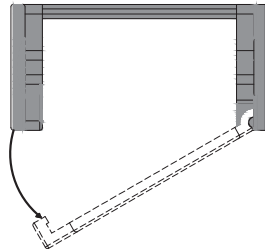
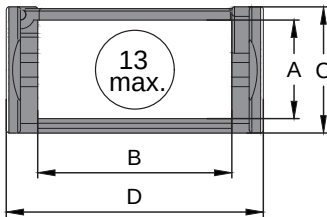
R03 8

Inner Height

Openable From Outside

Inner Width

Bending Radius



CK18 B	A	B	C	D	R	W
MODEL	Inner Height (mm)	Inner Width (mm)	Outer Height (mm)	Outer Width (mm)	Bending Radius	Weight Kg/Mt
CK18 B 0 25 R ...	18	25	23	37	38, 75, 100 38/38*	0,368
CK18 B 0 37 R ...	18	37	23	49		0,435
CK18 B 0 50 R ...	18	50	23	62		0,452
CK18 B 0 60 R ...	18	60	23	72		0,479

* There is option for a reverse bend radius.





CK18 F Series

Fixed Framestay

Product No. Example

CK18

Inner Height

F

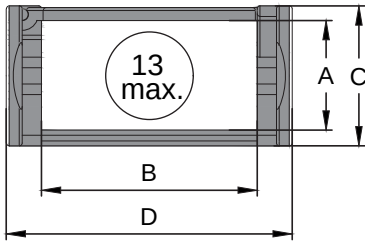
Fixed Frame

025

Inner Width

R03 8

Bending Radius



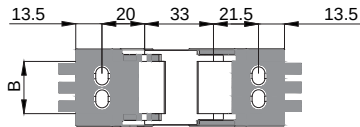
CK18 F	A	B	C	D	R	W
MODEL	<i>Inner Height (mm)</i>	<i>Inner Width (mm)</i>	<i>Outer Height (mm)</i>	<i>Outer Width (mm)</i>	<i>Bending Radius</i>	<i>Weight Kg/Mt</i>
CK18 F 025 R 038	18	25	24	37	38	0,382



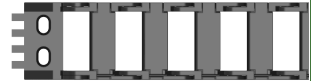
Plastic End Bracket Assembly Dimensions

CK18 P

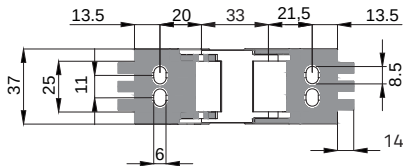
CK18 P



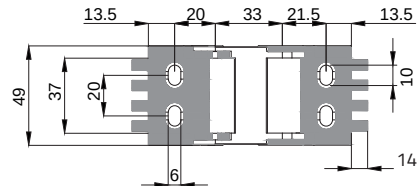
CK18 A-B-F



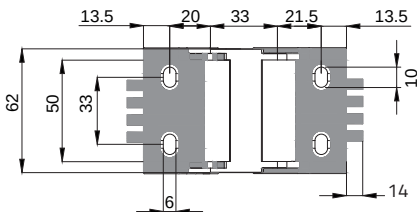
CK18 P25



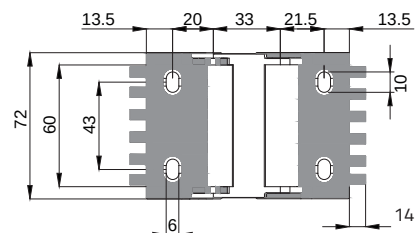
CK18 P37



CK18 P50



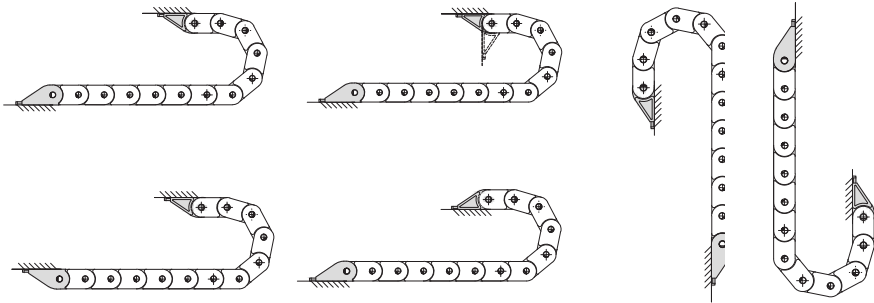
CK18 P60



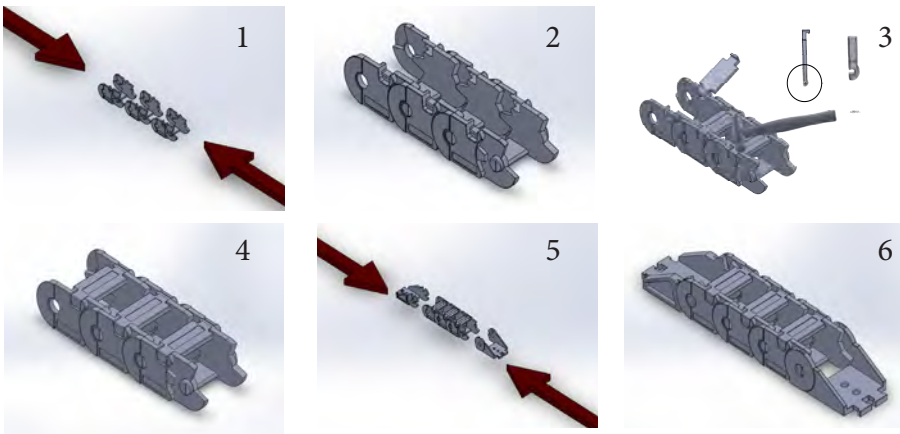


CK18 P

Plastic End Bracket Assembly

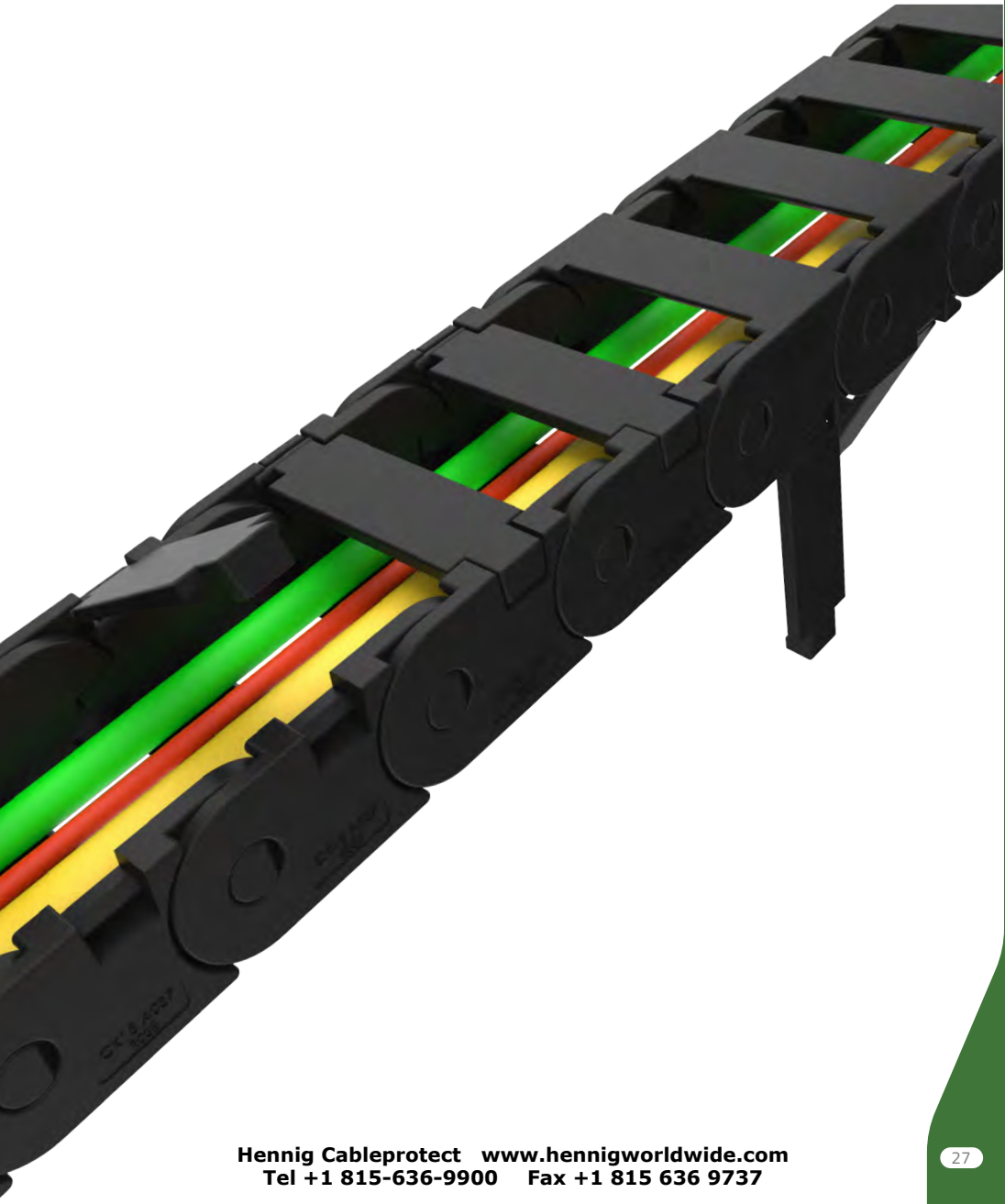


Assembly-Disassembly



Hennig Cableprotect
www.hennigworldwide.com
Tel: +1 815 636 9900
Toll free: +1 888 436 6446
Fax: +1 815 636 9737

CK18





CK20 F Series

Fixed Frame

CK20 Y Series

Openable From Inner Side

MATERIAL FEATURES

PA6 %30 | PA6 With %30 Fiber Glass

MAX TRAVEL DISTANCE

40 meters

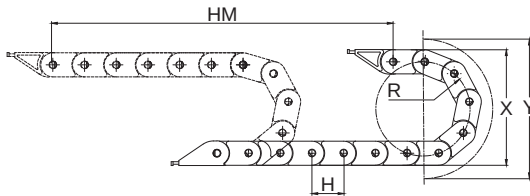
MAX SPEED

9 m/sec

OPERATING TEMPERATURE

-30°C ~ + 130°C

The formulas below assume a center mounted carrier design. In applications that are not center mounted, the offset distance must be added to HM. It is a best practice to add an additional two safety links (2xH) to avoid over-travel.



L Chain Length

HM Travel Distance

X Mounting Height

Y Curve Length

H Pitch

$$L = HM / 2 + Y$$

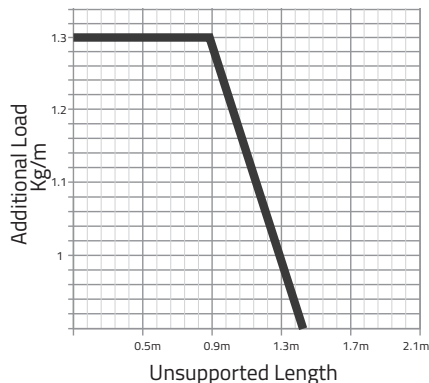
$$X = R \times 2 + C$$

$$Y = R \times \pi$$

Bending Radius

	40
H (mm)	33
X (mm)	106
Y (mm)	126

LOAD DIAGRAM





CK20 F Series

Fixed Frame Stay

Product No. Example

CK20

Inner Height

F

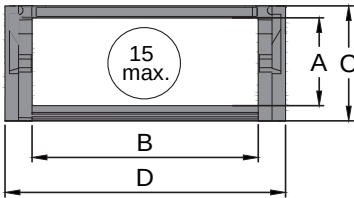
Fixed Frame

025

Inner Width

R040

Bending Radius



CK20 F	A	B	C	D	R	W
MODEL	Inner Height (mm)	Inner Width (mm)	Outer Height (mm)	Outer Width (mm)	Bending Radius	Weight Kg/Mt
CK20 F 025 R 040	20	25	26	37	40	0,425



CK20 Y Series

Openable from Inner Side

Product No. Example

CK20

Y

040

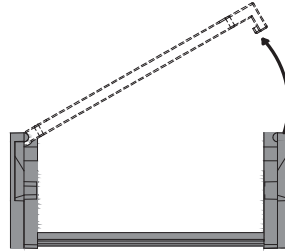
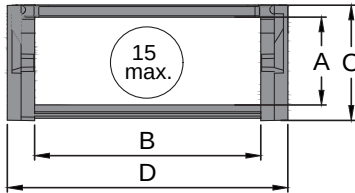
R040

Inner Height

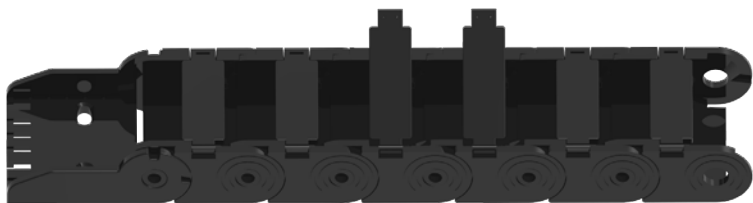
Openable From Inner Side

Inner Width

Bending Radius



CK20 Y	A	B	C	D	R	W
MODEL	Inner Height (mm)	Inner Width (mm)	Outer Height (mm)	Outer Width (mm)	Bending Radius	Weight Kg/Mt
CK20 Y 025 R 040	20	25	26	37	40	0,470
CK20 Y 040 R 040	20	40	26	52	40	0,543
CK20 Y 050 R 040	20	50	26	62	40	0,600
CK20 Y 060 R 040	20	60	26	72	40	0,634

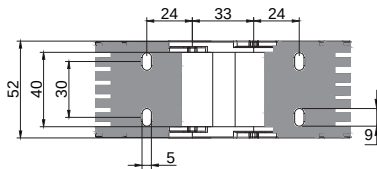




Plastic End Bracket Assembly Dimensions

CK20 P

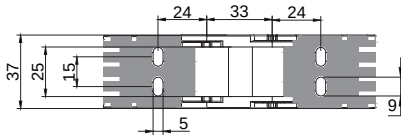
CK20 P



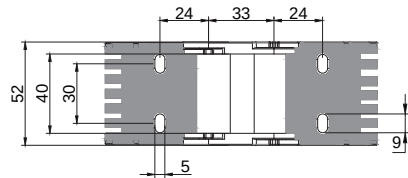
CK20 F-Y



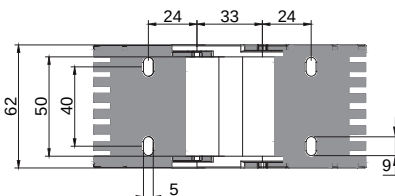
CK20 P25



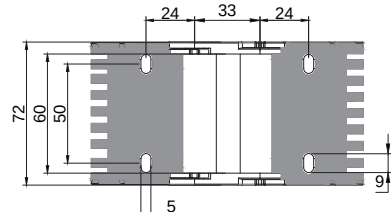
CK20 P40



CK20 P50

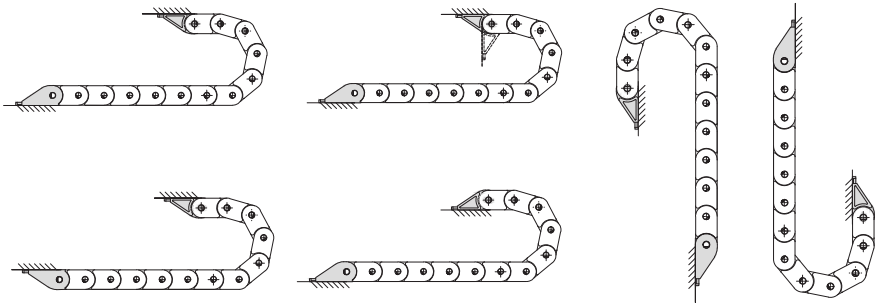


CK20 P60

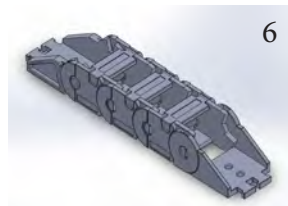
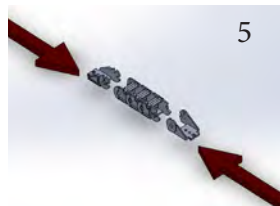
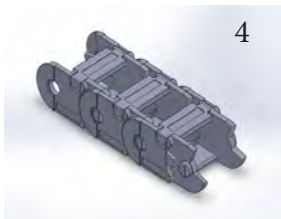
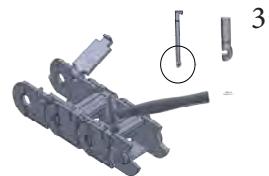
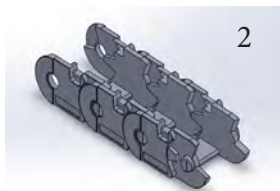


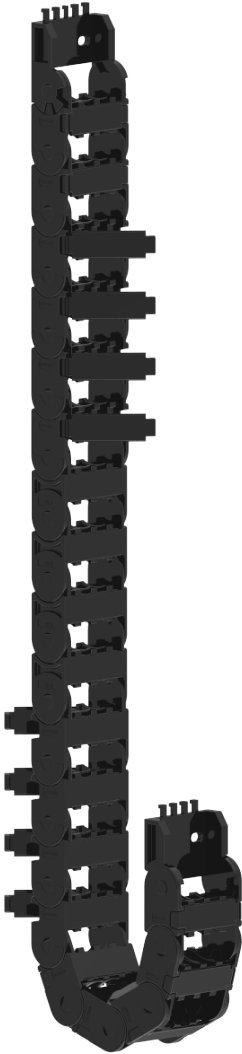
Plastic End Bracket Assembly

CK20 P



Assembly-Disassembly





CK 24 A Series

Openable From Inner Side

CK24 B Series

Openable From Outside

CK24 F Series

Fixed Frame Stay

MATERIAL FEATURES

PA6 30% | PA6 With 30% Fiber Glass

MAX TRAVEL DISTANCE

60 meters with Support

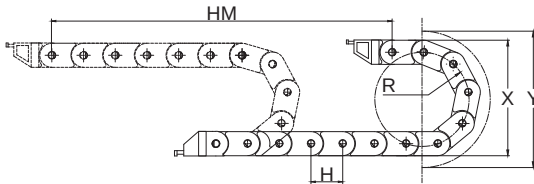
MAX SPEED

9 m/sec

OPERATING TEMPERATURE

-30°C ~ + 130°C

The formulas below assume a center mounted carrier design. In applications that are not center mounted, the offset distance must be added to HM. It is a best practice to add an additional two safety links (2xH) to avoid over-travel.



- L** Chain Length
- HM** Travel Distance
- X** Mounting Height
- Y** Curve Length
- H** Pitch

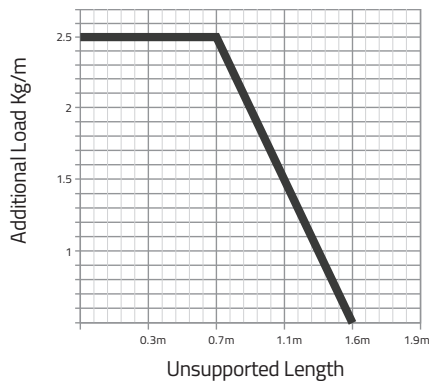
$$L = HM / 2 + Y$$

$$X = R \times 2 + C$$

$$Y = R \times \pi$$

Bending Radius	40	75	100	125	40/40
H (mm)	40	40	40	40	40
X (mm)	110	180	230	280	110/110
Y (mm)	126	236	314	393	126/126

LOAD DIAGRAM





CK24 A Series

Openable From Inner Side

Product No. Example

CK24

A

025

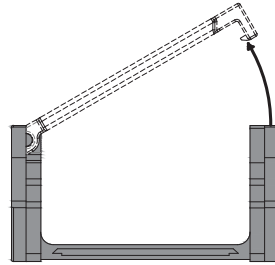
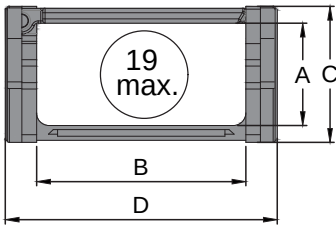
R040

Inner Height

Openable From Inside

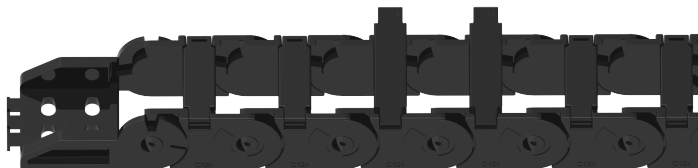
Inner Width

Bending Radius



CK24 A	A	B	C	D	R	W
MODEL	Inner Height (mm)	Inner Width (mm)	Outer Height (mm)	Outer Width (mm)	Bending Radius	Weight Kg/Mt
CK24 A 025 R ...	24	25	30	38	40, 75, 100, 125 40/40*	0,495
CK24 A 040 R ...	24	40	30	53		0,545
CK24 A 048 R ...	24	48	30	61		0,573
CK24 A 060 R ...	24	60	30	73		0,627
CK24 A 080 R ...	24	80	30	93		0,711

* Available with a reverse bend option



CK24 B Series

Openable From Outside

Product No. Example

CK24

B

040

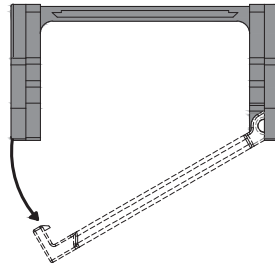
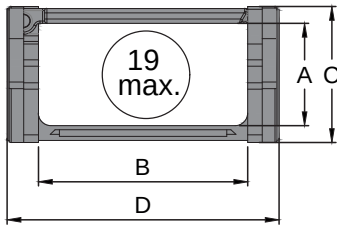
R075

Inner Height

Openable From Outside

Inner Width

Bending Radius



CK24 B	A	B	C	D	R	W
MODEL	<i>Inner Height (mm)</i>	<i>Inner Width (mm)</i>	<i>Outer Height (mm)</i>	<i>Outer Width (mm)</i>	<i>Bending Radius</i>	<i>Weight Kg/Mt</i>
CK24 B 0 25 R ...	24	25	30	38	40, 75, 100, 125 40/40*	0,495
CK24 B 0 40 R ...	24	40	30	53		0,545
CK24 B 0 48 R ...	24	48	30	61		0,573
CK24 B 0 60 R ...	24	60	30	73		0,627
CK24 B 0 80 R ...	24	80	30	93		0,711

*Available with a reverse bend option



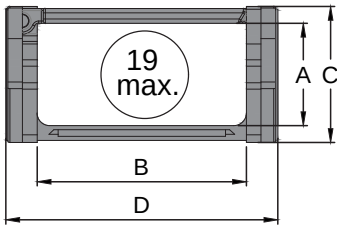


CK24 F Series

Fixed Frame Stay

Product No. Example **CK24** **F** **048** **R075**

Inner Height Fixed Frame Inner Width Bending Radius



CK24 F	A	B	C	D	R	W
MODEL	Inner Height (mm)	Inner Width (mm)	Outer Height (mm)	Outer Width (mm)	Bending Radius	Weight Kg/Mt
CK24 F 018 R...	24	18	30	31	40, 75, 100, 125	0,465
CK24 F 040 R...	24	40	30	53		0,575
CK24 F 048 R...	24	48	30	61		0,600
CK24 F 060 R...	24	60	30	73		0,625

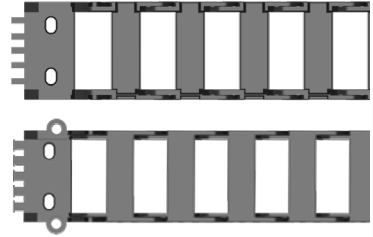
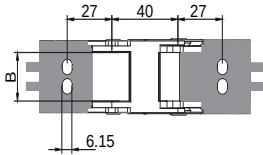
* CK24 F 60 RN75 / No Camber



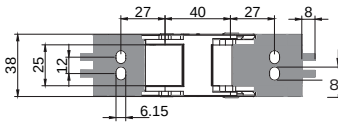
Plastic End Bracket Assembly Dimensions

CK24 P

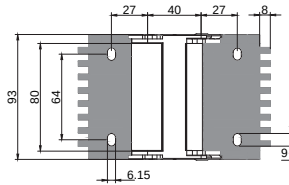
CK24 P



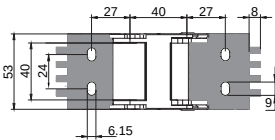
CK24 P025 A-B



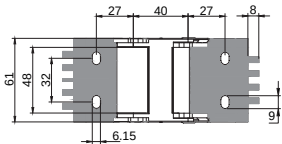
CK24 P080 A-B



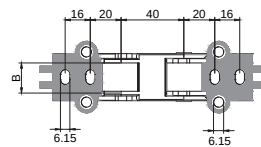
CK24 P040 A-B-F



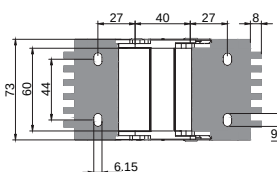
CK24 P048 A-B-F



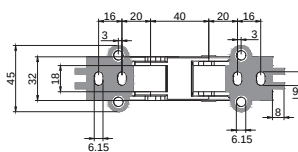
CK24 P



CK24 P060 A-B-F



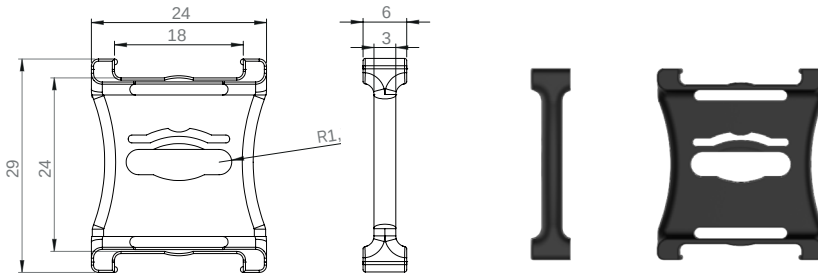
CK24 P018 F





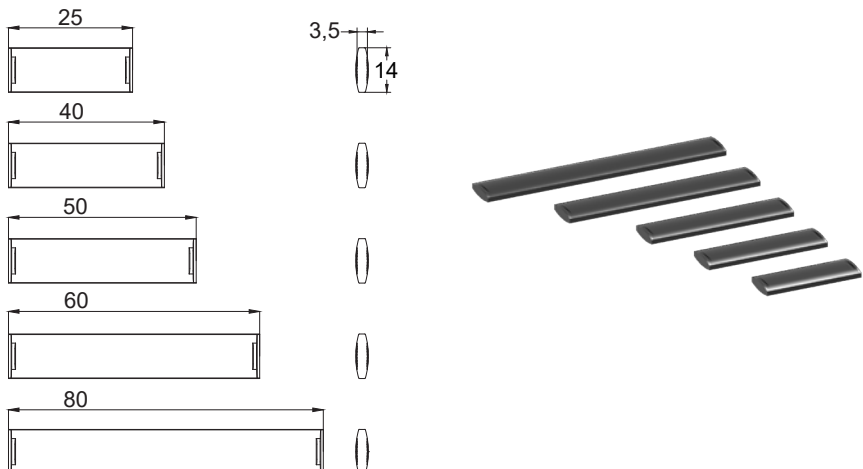
CK24 SP

Plastic Vertical Separator Dimensions



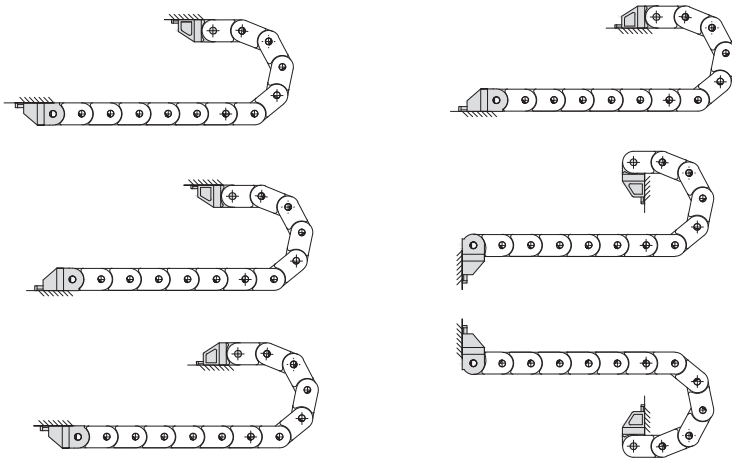
CK24 YSP

Plastic Horizontal Separator Dimensions

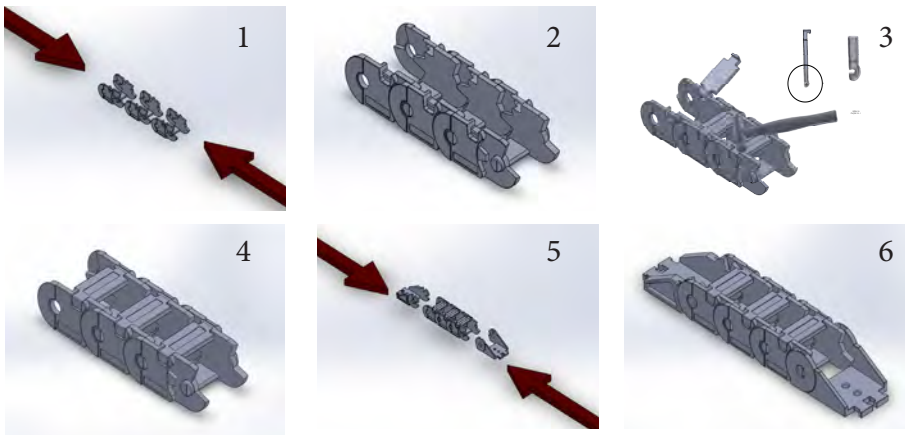


CK24 P

Plastic End Bracket Assembly



Assembly-Disassembly





New Series



CK34 A Series

Open Frame

MATERIAL FEATURES

PA6 30% | PA6 With 30% Fiber Glass

MAX TRAVEL DISTANCE

80 meters

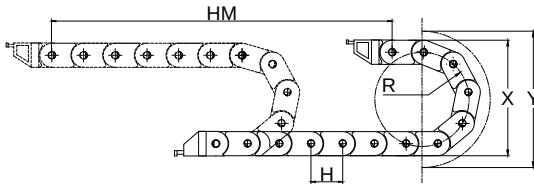
MAX SPEED

9 m/sec

OPERATING TEMPERATURE

-30°C ~ + 130°C

The formulas below assume a center mounted carrier design. In applications that are not center mounted, the offset distance must be added to HM. It is a best practice to add an additional two safety links (2xH) to avoid over-travel.



L Chain Length

HM Travel Distance

X Mounting Height

Y Curve Length

H Pitch

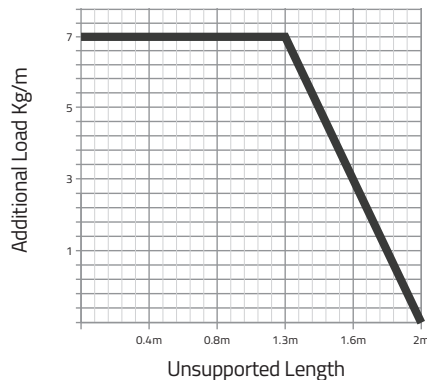
$$L = HM / 2 + Y$$

$$X = R \times 2 + C$$

$$Y = R \times \pi$$

Bending Radius	60	75	100	125	150
H (mm)	55	55	55	55	55
X (mm)	168	198	248	298	348
Y (mm)	188	236	314	393	471

LOAD DIAGRAM





CK34 A Series

Openable From Inner and Outside

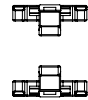
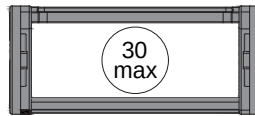
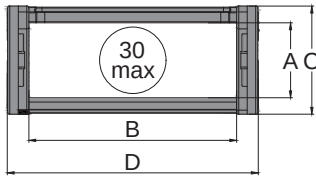
Product No. Example **CK34** **A** **060** **R100**

Inner Height

Open Series

Inner Width

Bending Radius



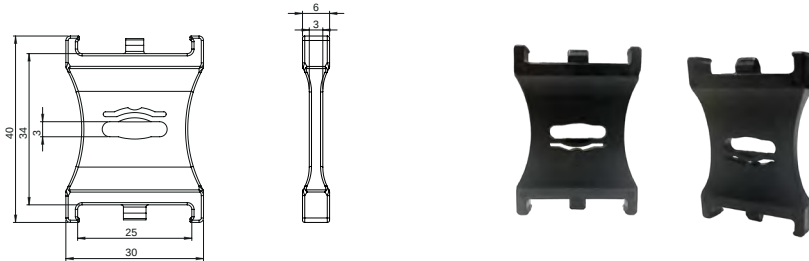
CK34 A	A	B	C	D	R	W
MODEL	Inner Height (mm)	Inner Width (mm)	Outer Height (mm)	Outer Width (mm)	Bending Radius	Weight Kg/Mt
CK34 A 025 R ...	34	25	48	43	60,75,100, 125,150	1,080
CK34 A 040 R ...		40		58		1,134
CK34 A 050 R ...		50		68		1,188
CK34 A 060 R ...		60		78		1,260
CK34 A 80 R ...		80		98		1,350
CK34 A 100 R ...		100		118		1,440
CK34 A 120 R ...		120		138		1,530
CK34 A 140 R ...		140		158		1,656

* RN75/ No Camber



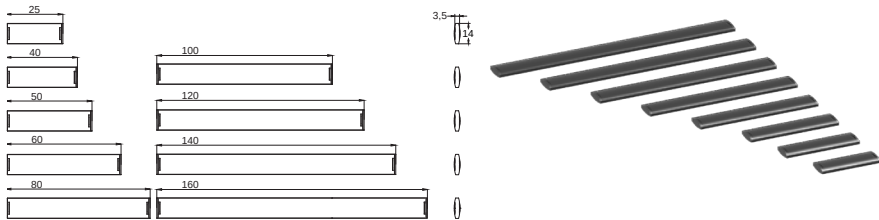
Open Type Plastic Vertical Seperator Dimensions

CK34 SP



Plastic Horizontal Seperator Dimensions

CK34 YSP

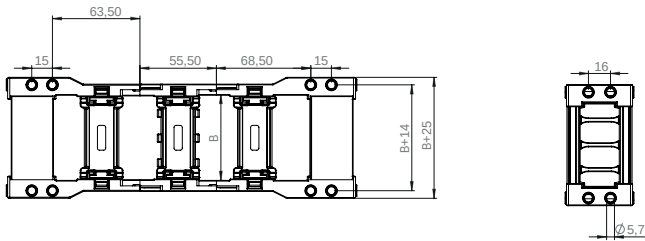




Plastic End Bracket Assembly Dimensions

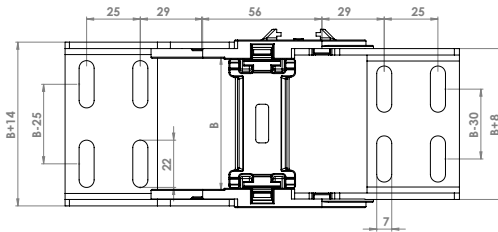
CK34 NP - M

CK34 NP



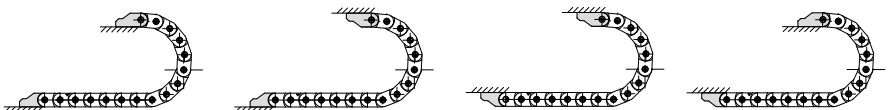
You will find the 'B' dimension from model table.

CK34 M



You will find the 'B' dimension from model table.

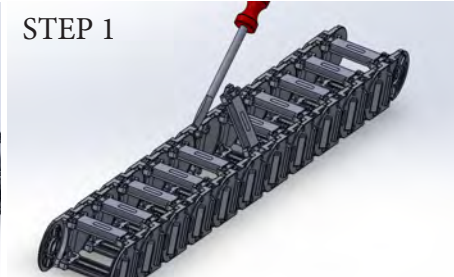
Plastic End Bracket Assembly



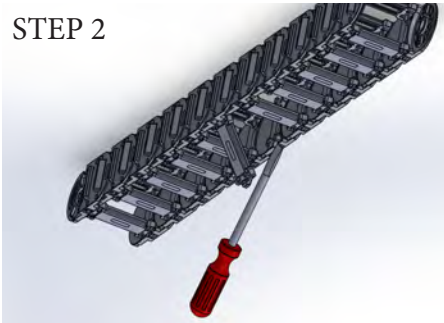
Assembly-Disassembly



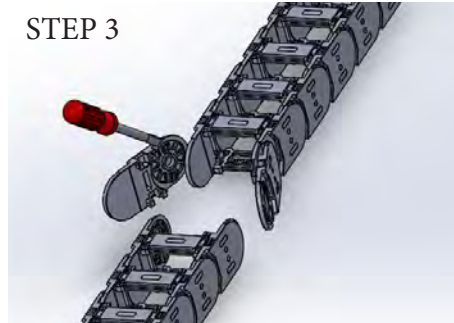
STEP 1



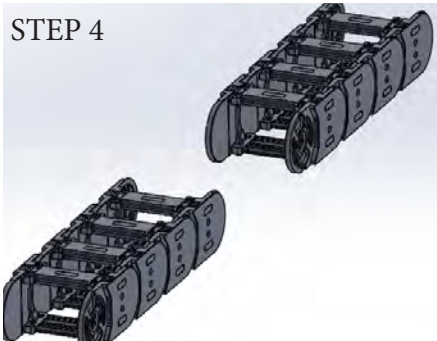
STEP 2



STEP 3



STEP 4



Disassembly Steps

1-2-3-4

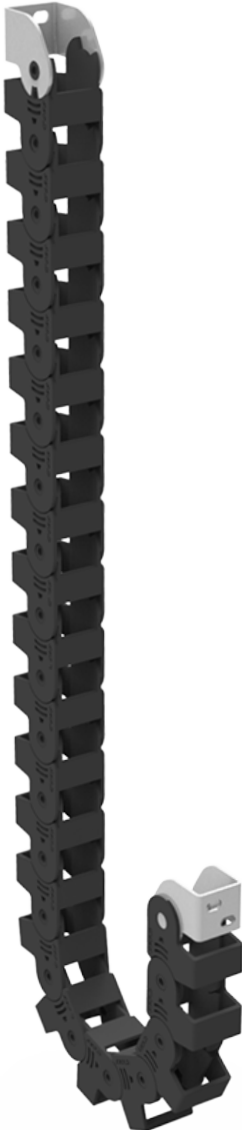
Assembly Steps

4-3-2-1



Hennig Cableprotect
www.hennigworldwide.com
Tel: +1 815 636 9900
Toll free: +1 888 436 6446
Fax: +1 815 636 9737

CK41 F Series Plastic Light Duty



CK41 F Series

Fixed Frame Stay

MATERIAL FEATURES

PA6 %30 | PA6 With %30 Fiber Glass

MAX TRAVEL DISTANCE

60 meters with Support

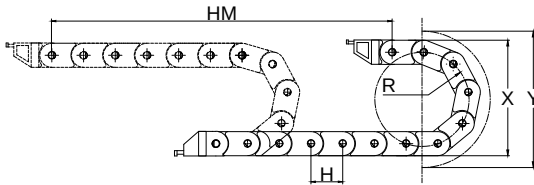
MAX SPEED

9 m/sec

OPERATING TEMPERATURE

-30°C ~ + 130°C

The formulas below assume a center mounted carrier design. In applications that are not center mounted, the offset distance must be added to HM. It is a best practice to add an additional two safety links (2xH) to avoid over-travel.



- L** Chain Length
- HM** Travel Distance
- X** Mounting Height
- Y** Curve Length
- H** Pitch

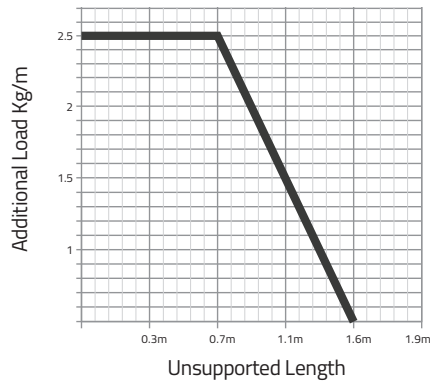
$$L = HM / 2 + Y$$

$$X = R \times 2 + C$$

$$Y = R \times \pi$$

Bending Radius	
	63
H (mm)	40
X (mm)	166
Y (mm)	198

LOAD DIAGRAM



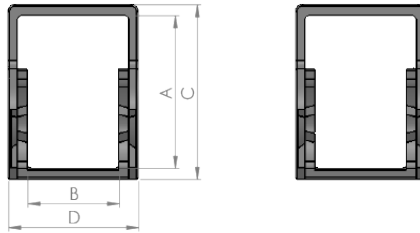


CK41 F Series

Fixed Frame Stay

Product No. Example **CK41** **F** **04 8** **R075**

Inner Height Fixed Frame Inner Width Bending Radius



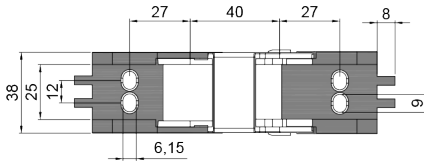
CK41 F	A	B	C	D	R	W
MODEL	Inner Height (mm)	Inner Width (mm)	Outer Height (mm)	Outer Width (mm)	Bending Radius	Weight Kg/Mt
CK41 F 025 R ...	41	25	48	36	63	0,522



Plastic End Bracket Assembly Dimensions

CK41 P

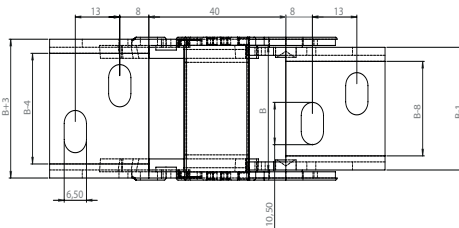
CK41 P



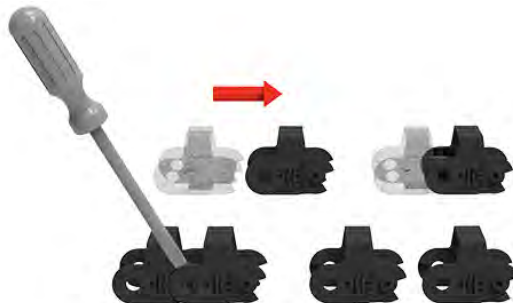
Steel End Bracket Assembly Dimensions

CK41 M

CK41 M



Assembly-Disassembly





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CK25 A Series

CK30 A Series

CK35 A-K-Y Series

CK36 A Series

CK42 A-K-Y Series



Plastic Medium Duty Series

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Hennig Cableprotect
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Tel: +1 815 636 9900
Toll free: +1 888 436 6446
Fax: +1 815 636 9737

CK25 Series Plastic Medium Duty



CK25 A Series

Open Frame

MATERIAL FEATURES

PA6 %30 | PA6 With %30 Fiber Glass

MAX TRAVEL DISTANCE

70 meters with Support

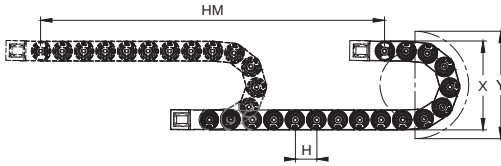
MAX SPEED

7 m/sec

OPERATING TEMPERATURE

-30°C ~ + 130°C

The formulas below assume a center mounted carrier design. In applications that are not center mounted, the offset distance must be added to HM. It is a best practice to add an additional two safety links (2xH) to avoid over-travel.



- L** Chain Length
- HM** Travel Distance
- X** Mounting Height
- Y** Curve Length
- H** Pitch

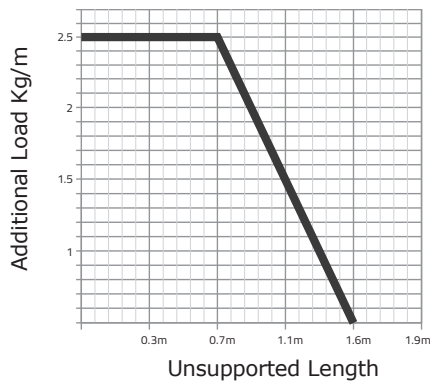
$$L = HM / 2 + Y$$

$$X = R \times 2 + C$$

$$Y = R \times \pi$$

Bending Radius	40	75	100	125
H (mm)	42	42	42	42
X (mm)	122	192	242	292
Y (mm)	126	236	314	393

LOAD DIAGRAM





CK25 A Series

Openable From Inner and Outer Sides

Product No. Example

CK25

A

05 0

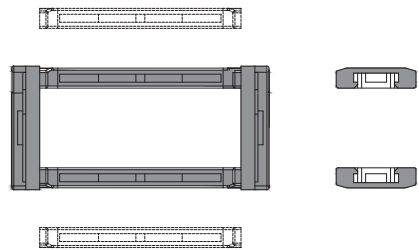
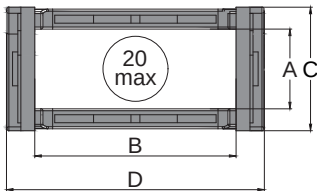
R075

Inner Height

Open Serie

Inner Width

Bending Radius

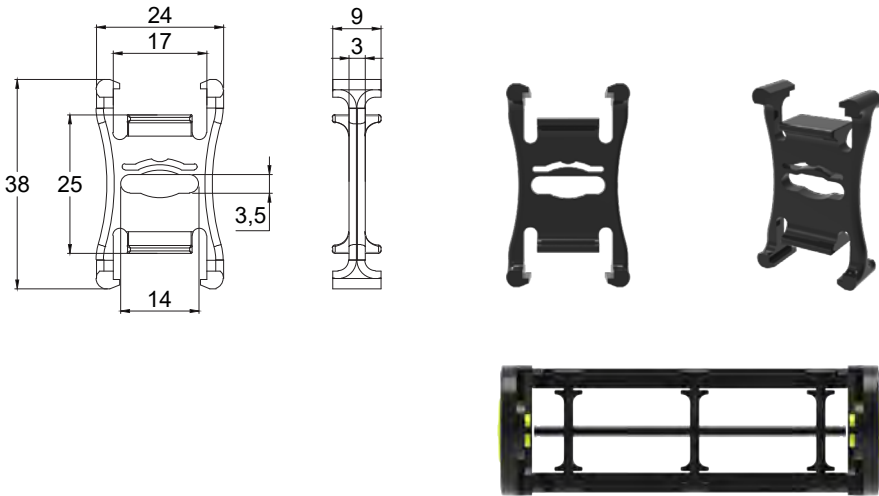


CK25 A	A	B	C	D	R	W
MODEL	Inner Height (mm)	Inner Width (mm)	Outer Height (mm)	Outer Width (mm)	Bending Radius	Weight Kg/Mt
CK25 A 040 R ...	25	40	42	62	40, 75, 100, 125	1,044
CK25 A 050 R ...		50		72		1,092
CK25 A 060 R ...		60		82		1,140
CK25 A 080 R ...		80		102		1,236
CK25 A 100 R ...		100		122		1,332



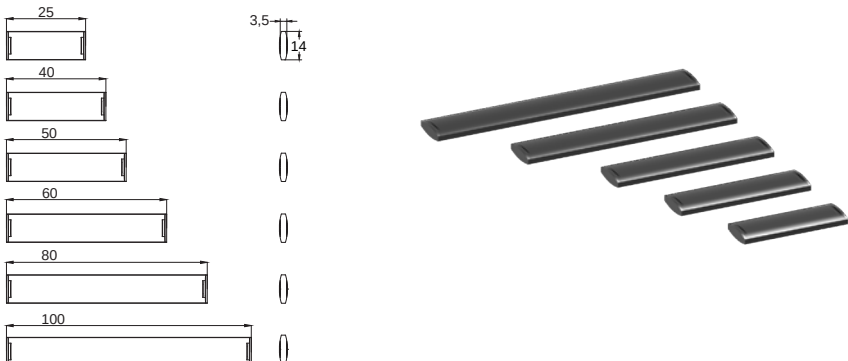
Plastic Vertical Separator Dimensions

CK25 SP



Plastic Horizontal Separator Dimensions

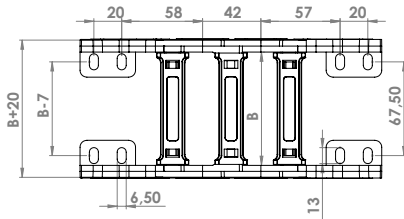
CK25 YSP



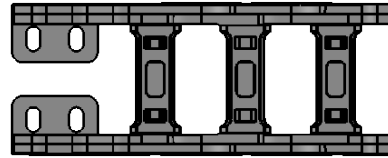


Plastic End Bracket Assembly Dimensions

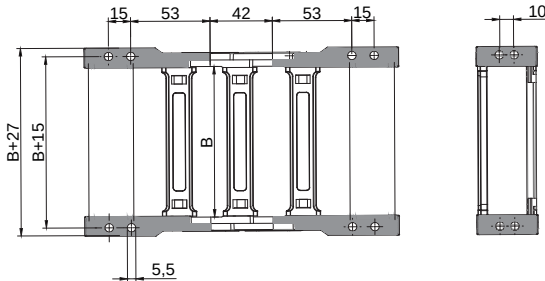
CK25 P - NP



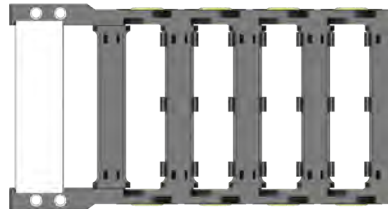
CK25 P



You will find the 'B' dimension from model table.

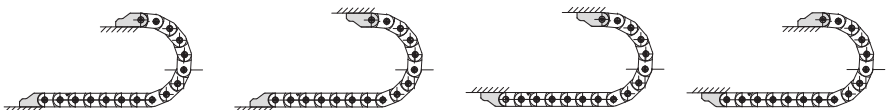


CK25 NP



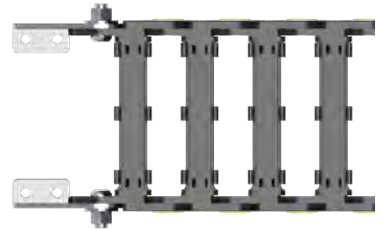
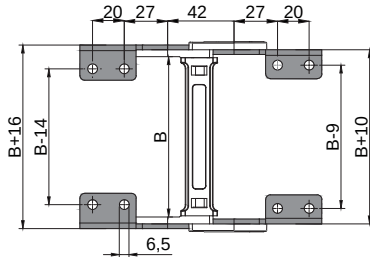
You will find the 'B' dimension from model table.

Plastic End Bracket Assembly

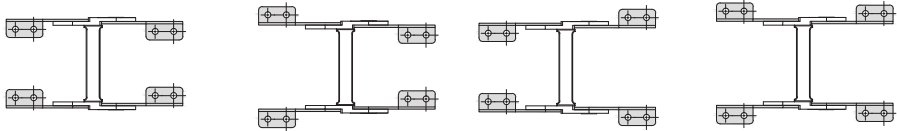


CK25 M

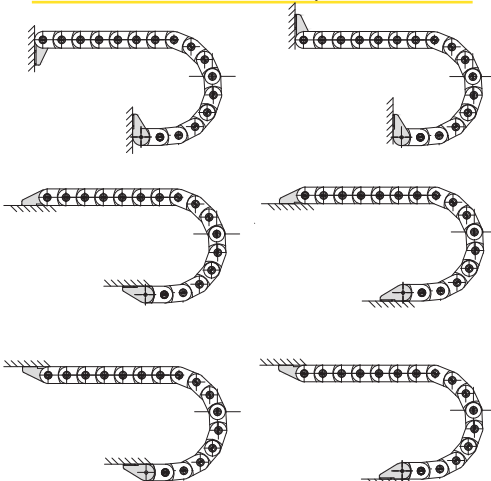
Steel End Bracket Assembly Dimensions



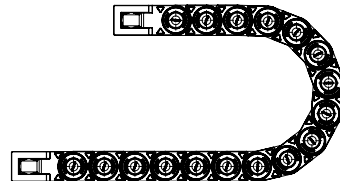
You will find the 'B' dimension from model table.



Steel End Bracket Assembly

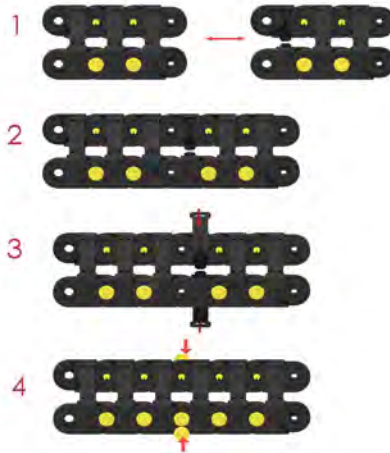


NP Bracket Assembly

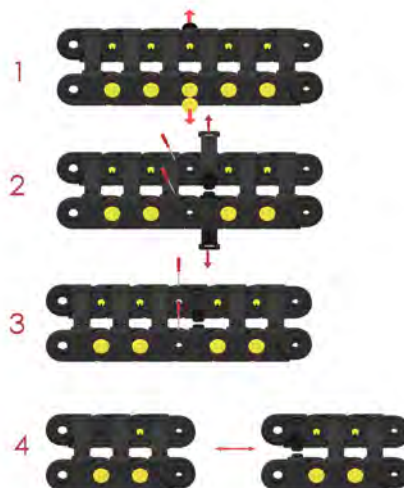




Assembly



Disassembly





CK30 A Series

Open Frame Stay

MATERIAL FEATURES

PA6 %30 | PA6 With %30 Fiber Glass

MAX TRAVEL DISTANCE

70 meters with Support

MAX SPEED

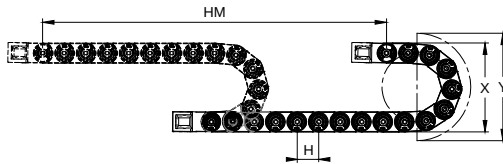
7 m/sec

OPERATING TEMPERATURE

-30°C ~ + 130°C



CK30 Series Plastic Medium Duty



L Chain Length

HM Travel Distance

X Mounting Height

Y Curve Length

H Pitch

$$L = HM / 2 + Y$$

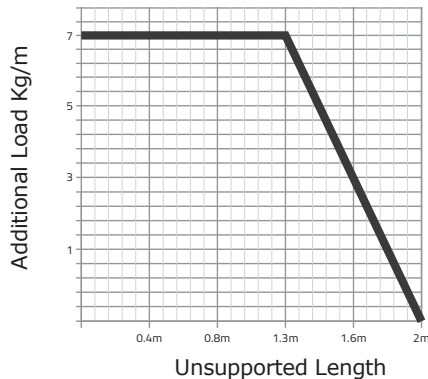
$$X = R \times 2 + C$$

$$Y = R \times \pi$$

These formulas below assume a center mounted carrier design. In applications that are not center mounted, the offset distance must be added to HM. It is a best practice to add an additional two safety links (2xH) to avoid over-travel.

Bending Radius	50	75	100	150
H (mm)	52	52	52	52
X (mm)	147	197	247	347
Y (mm)	157	236	314	471

LOAD DIAGRAM

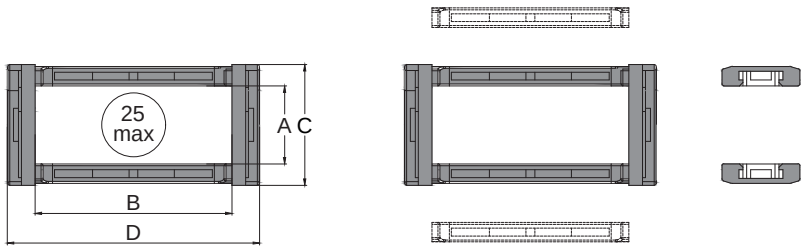


CK30 A Series

Openable From Inner and Outer Sides

Product No. Example **CK30** **A** **060** **R100**

Inner Height *Open Series* *Inner Width* *Bending Radius*



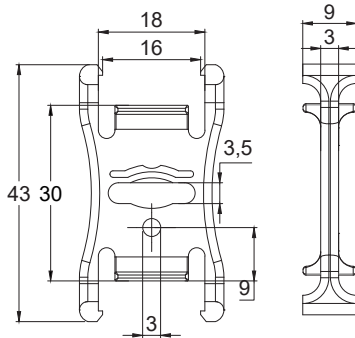
CK30 A	A	B	C	D	R	W
MODEL	Inner Height (mm)	Inner Width (mm)	Outer Height (mm)	Outer Width (mm)	Bending Radius	Weight Kg/Mt
CK30 A 040 R ...	30	40	47	62	50, 75, 100, 150	1,152
CK30 A 050 R ...		50		72		1,190
CK30 A 060 R ...		60		82		1,228
CK30 A 080 R ...		80		102		1,304
CK30 A 100 R ...		100		122		1,380





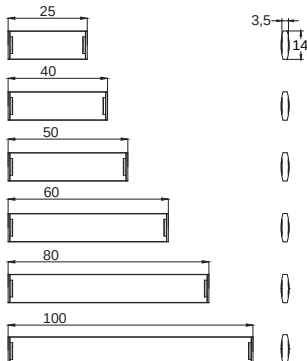
Plastic Vertical Separator Dimensions

CK30 SP



Plastic Horizontal Separator Dimensions

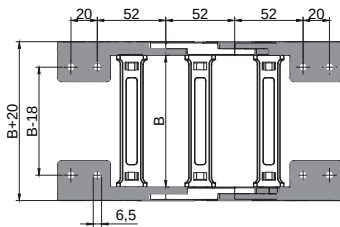
CK30 YSP



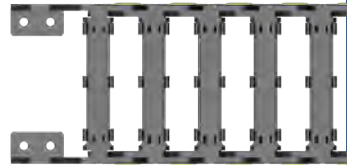
Plastic End Bracket Assembly Dimensions

CK30 P - NP

CK30 P

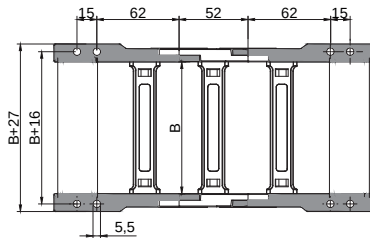


CK30 P

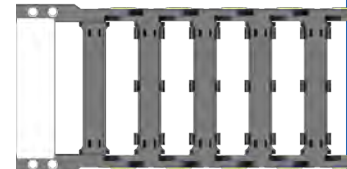


You will find the 'B' dimension from model table.

CK30 NP

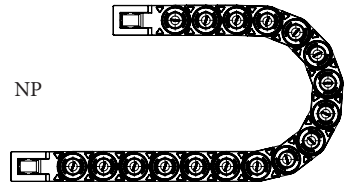


CK30 NP

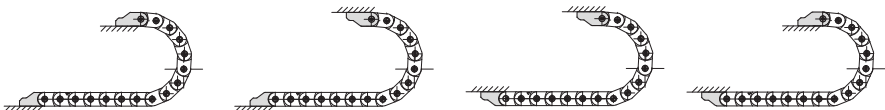


You will find the 'B' dimension from model table.

NP



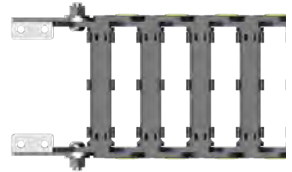
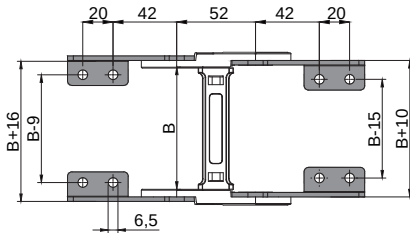
Plastic End Bracket Assembly



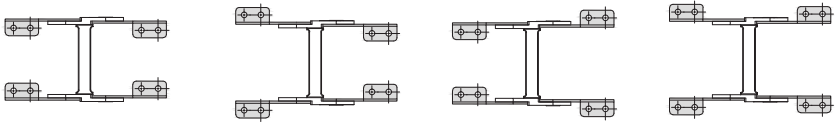


CK30 M

Steel End Bracket Assembly Dimensions

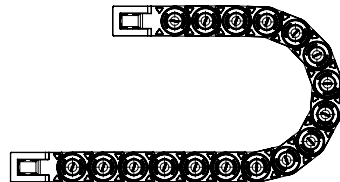
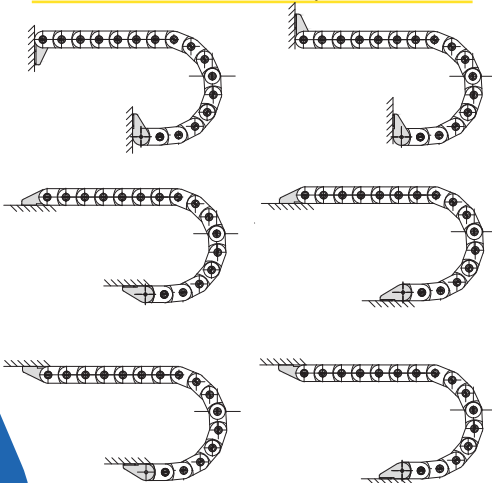


You will find the 'B' dimension from model table.

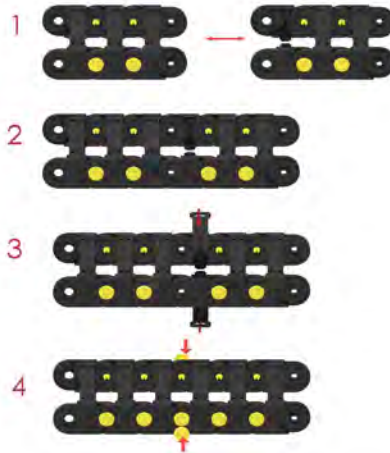


Steel End Bracket Assembly

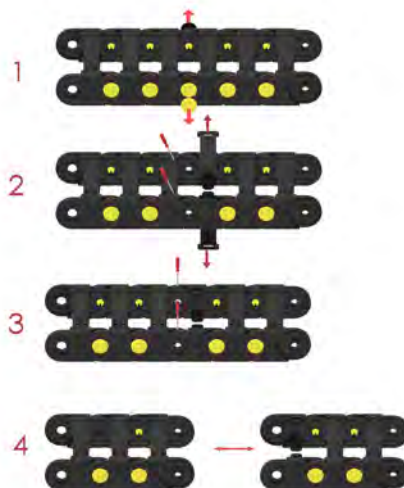
NP Bracket Assembly



Assembly



Disassembly





Hennig Cableprotect
www.hennigworldwide.com
Tel: +1 815 636 9900
Toll free: +1 888 436 6446
Fax: +1 815 636 9737

CK35 Series Plastic Medium Duty



CK 35 A Series

Open Frame Stay

CK35 K Series

Lid Stay

MATERIAL FEATURES

PA6 %30 | PA6 With %30 Fiber Glass

MAX TRAVEL DISTANCE

80 meters with Support

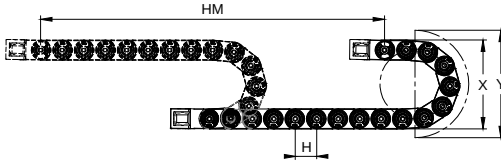
MAX SPEED

7 m/sec

OPERATING TEMPERATURE

-30°C ~ + 130°C

The formulas below assume a center mounted carrier design. In applications that are not center mounted, the offset distance must be added to HM. It is a best practice to add an additional two safety links (2xH) to avoid over-travel.



- L** Chain Length
- HM** Travel Distance
- X** Mounting Height
- Y** Curve Length
- H** Pitch

$$L = HM / 2 + Y$$

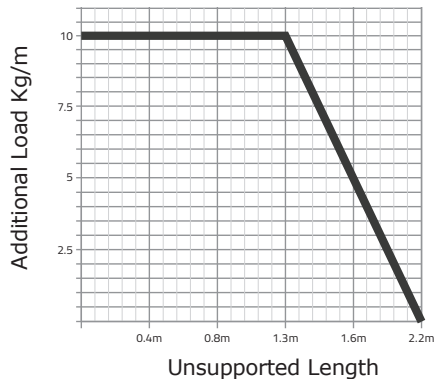
$$X = R \times 2 + C$$

$$Y = R \times \pi$$

Bending Radius	50	75	100	125	150
H (mm)	55	55	55	55	55
X (mm)	152	202	252	302	352
Y (mm)	157	236	314	393	471

* The lid style product radius is available from R75

LOAD DIAGRAM





CK35 A Series

Openable From Inner and Outer Sides

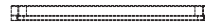
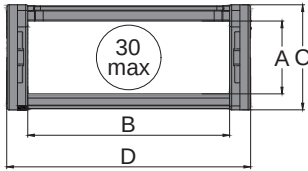
Product No. Example CK35 A 060 R100

Inner Height

Open Serie

Inner Width

Bending Radius



CK35 A	A	B	C	D	R	W
MODEL	Inner Height (mm)	Inner Width (mm)	Outer Height (mm)	Outer Width (mm)	Bending Radius	Weight Kg/Mt
CK35 A 040 R ...	35	40	52	62	50, 75, 100, 125, 150	1,296
CK35 A 050 R ...		50		72		1,332
CK35 A 060 R ...		60		82		1,368
CK35 A 070 R ...		70		92		
CK35 A 080 R ...		80		102		1,440
CK35 A 100 R ...		100		122		1,512
CK35 A 120 R ...		120		142		1,584
CK35 A 125 R ...		125		147		1,620
CK35 A 140 R ...		140		162		1,690
CK35 A 175 R ...		175		197		1,800



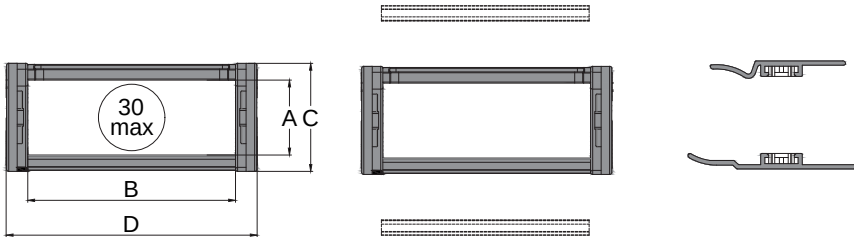
The Clips are not available On The Covers For R075 in The CK35 Closed Series

CK35 K Series

Openable From Inner and Outside Cover

Product No. Example **CK35** **K** **060** **R100**

Inner Height *Closed Cover* *Inner Width* *Bending Radius*

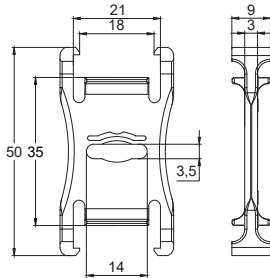


CK35 K	A	B	C	D	R	W
MODEL	Inner Height (mm)	Inner Width (mm)	Outer Height (mm)	Outer Width (mm)	Bending Radius	Weight Kg/Mt
CK35 K 040 R ...	35	40	52	62	75, 100, 125, 150	1,494
CK35 K 060 R ...		60		82		1,656
CK35 K 080 R ...		80		102		1,836
CK35 K 100 R ...		100		122	100, 125, 150	1,998
CK35 K 125 R ...		125		147		2,178



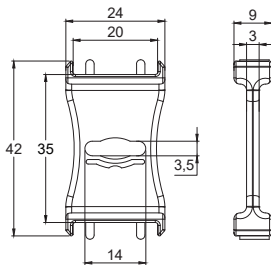
Open Type Plastic Vertical Separator Dimensions

CK35 SP



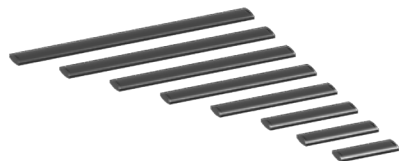
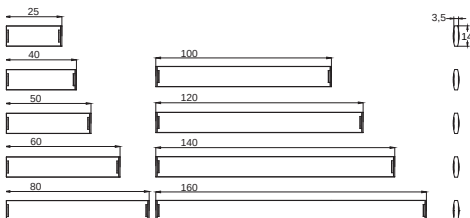
Closed Type Plastic Vertical Separator Dimensions

CK35 KSP



Plastic Horizontal Separator Dimensions

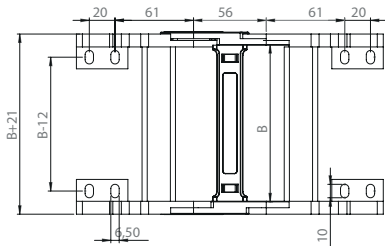
CK35 YSP





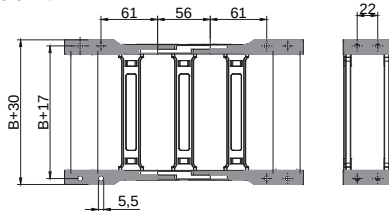
Plastic End Bracket Assembly Dimensions

CK35 P



The 'B' dimension is referenced in the model table on page 70 & 71

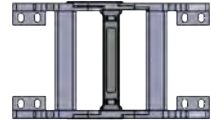
CK35 NP



The 'B' dimension is referenced in the model table on page 70 & 71

CK35 P - NP

CK35 PA



CK35 PK



CK35 PY



CK35 NPA



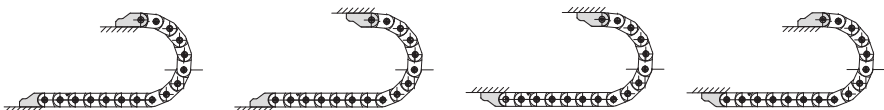
CK35 NPK



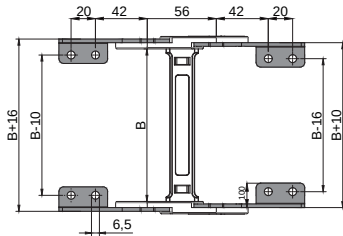
CK35 NPY



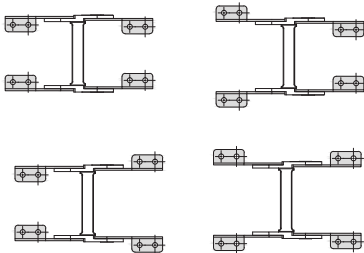
Plastic End Bracket Assembly



Steel End Bracket Assembly Dimensions



The 'B' dimension is referenced in the model table on page 70 & 71



CK35 M

CK35 A



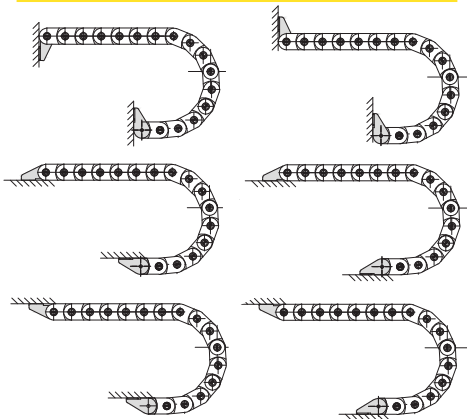
CK35 K



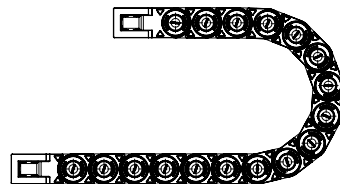
CK35 Y



Steel End Bracket Assembly

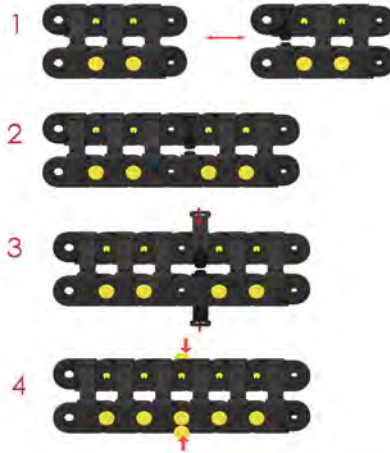


NP Bracket Assembly

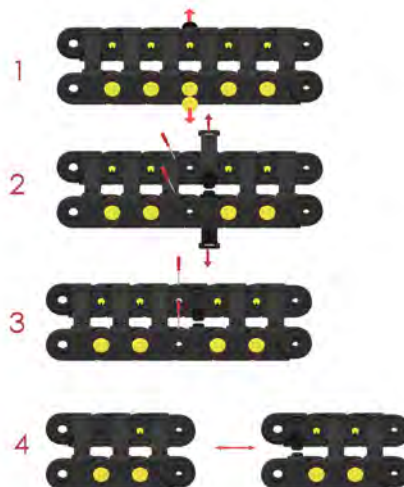




Assembly



Disassembly





CK36 A Series

Open Frame Stay

MATERIAL FEATURES

PA6 30% | PA6 With 30% Fiber Glass

MAX TRAVEL DISTANCE

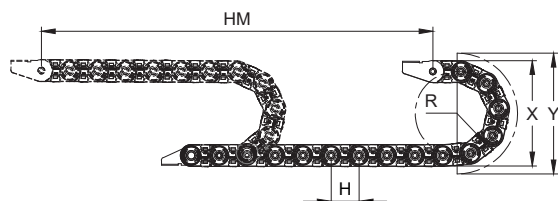
80 meters with Support

MAX SPEED

7 m/sec

OPERATING TEMPERATURE

-30°C ~ + 130°C



- L** Chain Length
- HM** Travel Distance
- X** Mounting Height
- Y** Curve Length
- H** Pitch

$$L = HM / 2 + Y$$

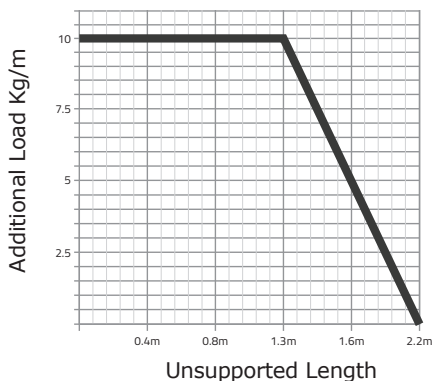
$$X = R \times 2 + C$$

$$Y = R \times \pi$$

These formulas assume a center mounted carrier design. In applications that are not center mounted, the offset distance must be added to HM. It is a best practice to add an additional two safety links (2xH) to avoid over-travel.

Bending Radius	55	75
H (mm)	66	66
X (mm)	162	202
Y (mm)	173	235

LOAD DIAGRAM

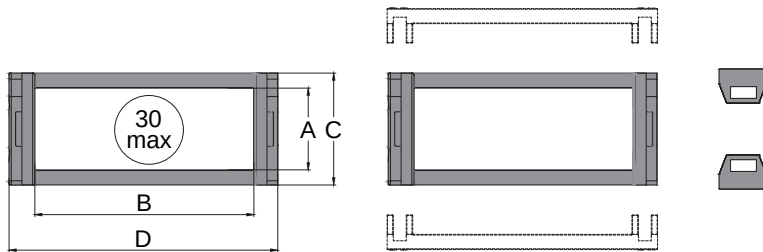


CK36 A Series

Openable From Inner and Outer Sides

Product No. Example CK36 A 050 R075

Inner Height *Open Series* *Inner Width* *Bending Radius*



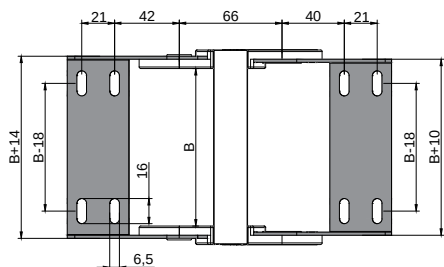
CK36 A	A	B	C	D	R	W
MODEL	<i>Inner Height (mm)</i>	<i>Inner Width (mm)</i>	<i>Outer Height (mm)</i>	<i>Outer Width (mm)</i>	<i>Bending Radius</i>	<i>Weight Kg/Mt</i>
CK36 A 050 R...	36	50	52	75	55, 75	1,5
CK36 A 080 R...		80		105		1,65
CK36 A 100 R...		100		125		1,725





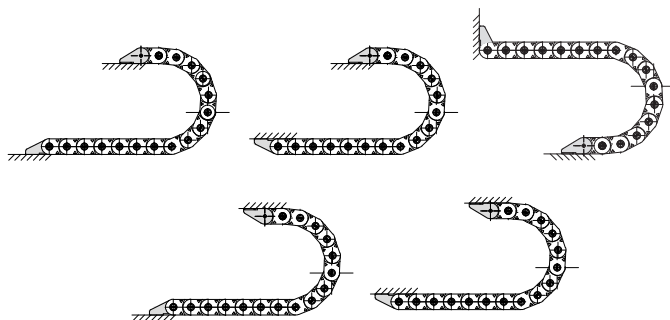
Steel End Bracket Assembly Dimensions

CK36 M

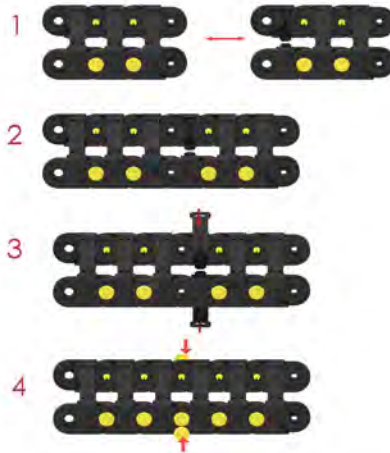


The 'B' dimension is referenced in the model table on page 78

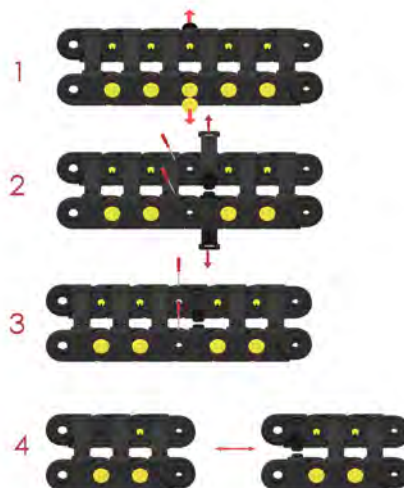
Steel End Bracket Assembly



Assembly



Disassembly





Hennig Cableprotect
www.hennigworldwide.com
Tel: +1 815 636 9900
Toll free: +1 888 436 6446
Fax: +1 815 636 9737

CK42 Series Plastic Medium Duty



CK42 A Series

Open Frame Stay

CK42 K Series

Lid Style Stay

MATERIAL FEATURES

PA6 %30 | PA6 With %30 Fiber Glass

MAX TRAVEL DISTANCE

80 meters with Support

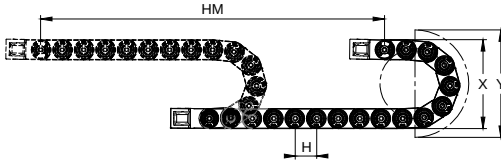
MAX SPEED

7 m/sec

OPERATING TEMPERATURE

-30°C ~ + 130°C

The formulas below assume a center mounted carrier design. In applications that are not center mounted, the offset distance must be added to HM. It is a best practice to add an additional two safety links (2xH) to avoid over-travel.



- L** Chain Length
- HM** Travel Distance
- X** Mounting Height
- Y** Curve Length
- H** Pitch

$$L = HM / 2 + Y$$

$$X = R \times 2 + C$$

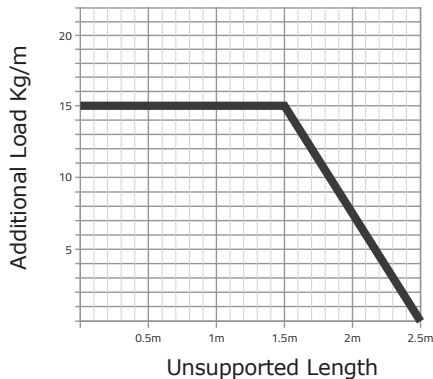
$$Y = R \times \pi$$

Bending Radius	75	100	150	200	250	100/100*
H (mm)	62,5	62,5	62,5	62,5	62,5	62,5
X (mm)	208	258	358	458	558	258/258
Y (mm)			471	628	785	314/314

* Reverse Bending Radius

** The Closed Cover/Lid Style design does not offer BR less than R100

LOAD DIAGRAM





CK42 A Series

Openable From Inner and Outer Sides

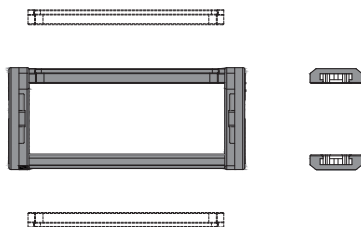
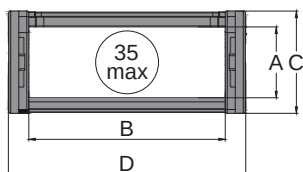
Product No. Example **CK42** **A** **050** **R075**

Inner Height

Open Series

Inner Width

Bending Radius



CK42 A	A	B	C	D	R	W
MODEL	Inner Height (mm)	Inner Width (mm)	Outer Height (mm)	Outer Width (mm)	Bending Radius	Weight Kg/Mt
CK42 A 040 R ...	42	40	58	65	75, 100, 125, 150, 200, 250, 100/100,	1,578
CK42 A 050 R ...		50		75		1,610
CK42 A 060 R ...		60		85		1,642
CK42 A 070 R ...		70		95		
CK42 A 080 R ...		80		105		1,706
CK42 A 100 R ...		100		125		1,770
CK42 A 120 R ...		120		145		1,834
CK42 A 125 R ...		125		150		1,866
CK42 A 140 R ...		140		165		1,923
CK42 A 175 R ...		175		200		2,026

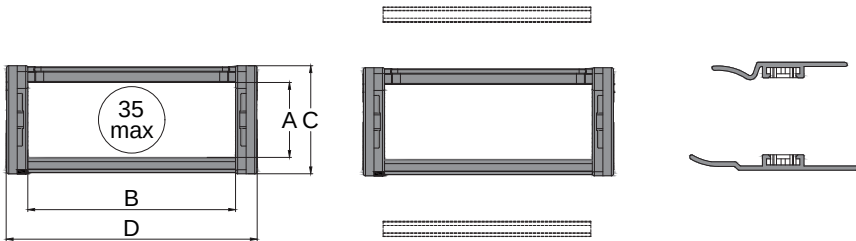


CK42 K Series

Openable From Inner and Outside Cover/Lid

Product No. Example **CK42** **K** **080** **R100**

Inner Height *Closed Series* *Inner Width* *Bending Radius*

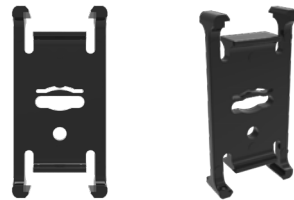
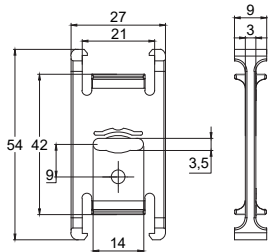


CK42 K	A	B	C	D	R	W
MODEL	Inner Height (mm)	Inner Width (mm)	Outer Height (mm)	Outer Width (mm)	Bending Radius	Weight Kg/Mt
CK42 K 050 R ...	42	50	58	75	100, 125, 150, 200, 250	1,866
CK42 K 080 R ...		80		105		2,122
CK42 K 100 R ...		100		125		2,298
CK42 K 125 R ...		125		150		2,490



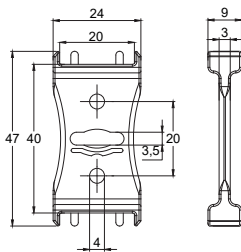
Open Type Plastic Vertical Separator Dimensions

CK42 SP



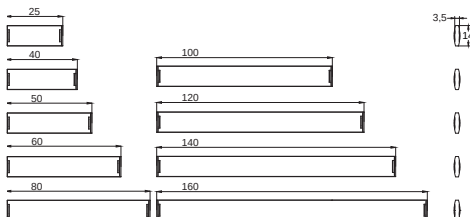
Closed Type Plastic Vertical Separator Dimensions

CK42 KSP



Plastic Horizontal Separator Dimensions

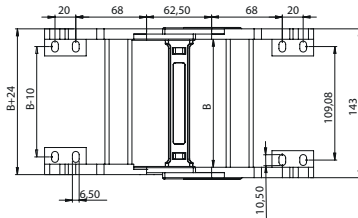
CK42 YSP





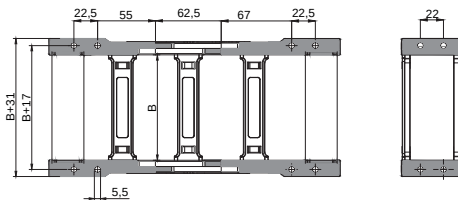
Plastic End Bracket Assembly Dimensions

CK42 P



The 'B' dimension is referenced in the model table on pages 83 & 84

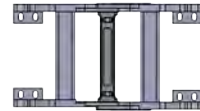
CK42 NP



The 'B' dimension is referenced in the model table on pages 83 & 84

CK42 P - NP

CK42 PA



CK42 PK



CK42 PY



CK42 NPA



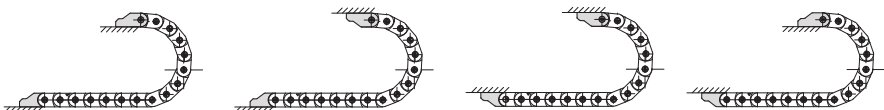
CK42 NPK



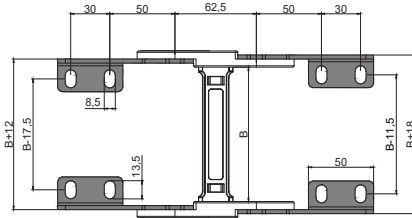
CK42 NPY



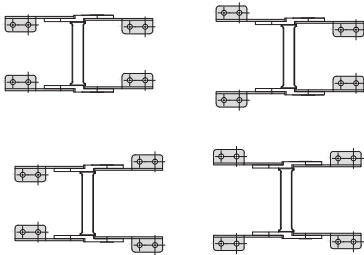
Plastic End Bracket Assembly



Steel End Bracket Assembly Dimensions



The 'B' dimension is referenced in the model table on pages 83 & 84



CK42 M

CK42 A



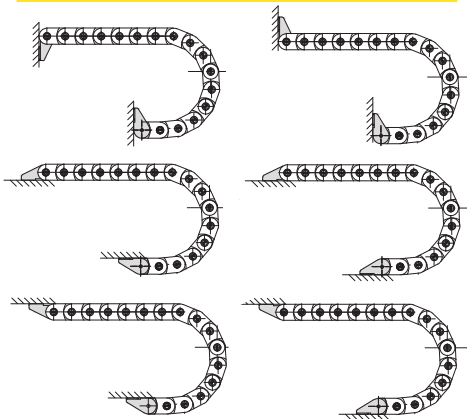
CK42 K



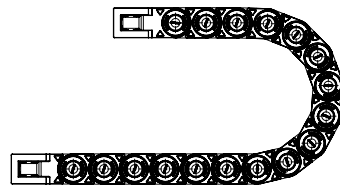
CK42 Y



Steel End Bracket Assembly

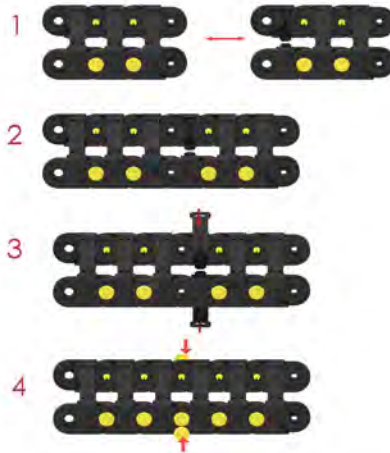


NP Bracket Assembly

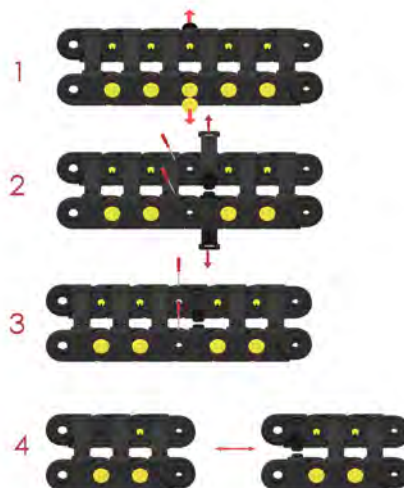


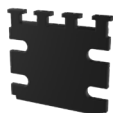


Assembly

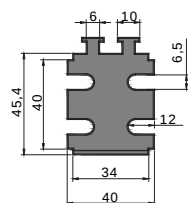


Disassembly

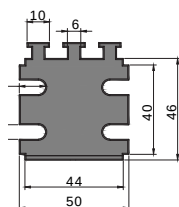




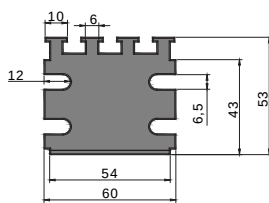
CK SR 040



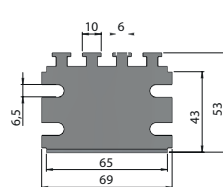
CK SR 050



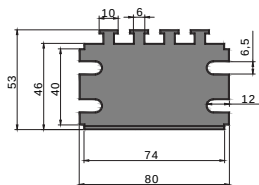
CK SR 060



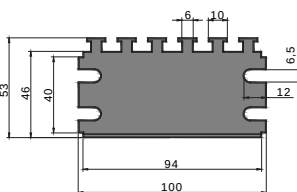
CK SR 070



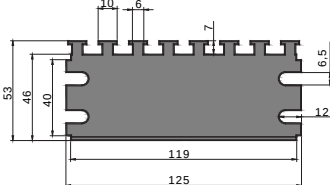
CK SR 080



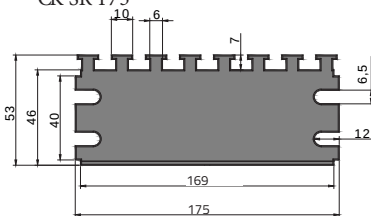
CK SR 100



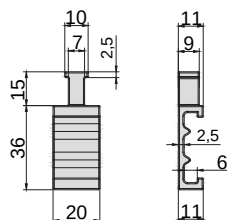
CK SR 125



CK SR 175



CK SR 1 Strain Relief





CK40 A-AL-K-Y Series

CK60 A-AL-K-Y Series

CK80 A-AL-K-Y Series

CK110 A-AL-K-Y Series



Plastic Heavy Duty Series

**Hennig Cableprotect www.hennigworldwide.com
Tel +1 815-636-9900 Fax +1 815 636 9737**



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CK40 Series Plastic Heavy Duty



CK40 A Series

Plastic Open Frame

CK40 AL Series

Aluminum Open Frame

CK40 K Series

Closed Cover/Lid Style

MATERIAL FEATURES

PA6 30% | PA6 With 30% Fiber Glass

MAX TRAVEL DISTANCE

120 meters with Support

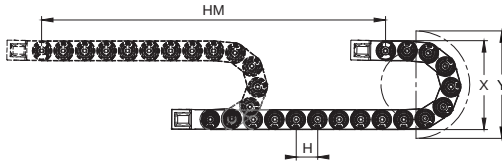
MAX SPEED

5 m/sec

OPERATING TEMPERATURE

-30°C ~ + 130°C

The formulas below assume a center mounted carrier design. In applications that are not center mounted, the offset distance must be added to HM. It is a best practice to add an additional two safety links (2xH) to avoid over-travel.



- L** Chain Length
- HM** Travel Distance
- X** Mounting Height
- Y** Curve Length
- H** Pitch

$$L = HM / 2 + Y$$

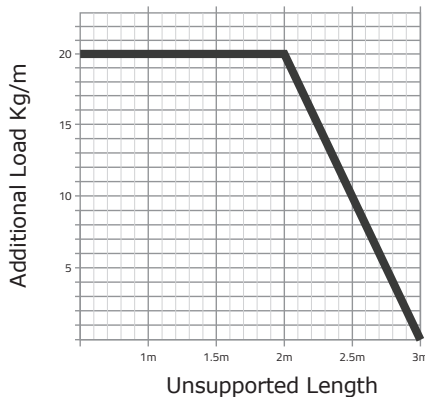
$$X = R \times 2 + C$$

$$Y = R \times \pi$$

Bending Radius	75	100	125	150	200	250	300
H (mm)	72	72	72	72	72	72	72
X (mm)	212	262	312	362	462	562	662
Y (mm)	236	314	392	471	628	785	942

* The Closed Cover/Lid Design is not available in radii below R125

LOAD DIAGRAM



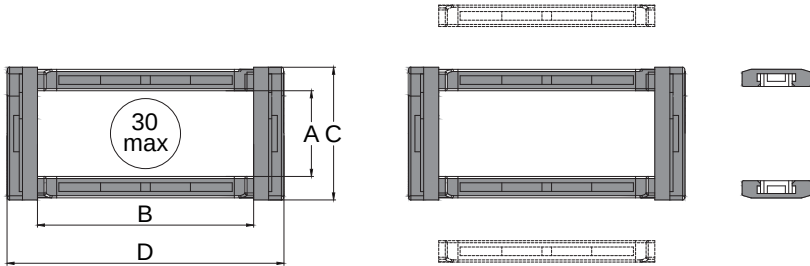


CK40 A Series

Openable From Inner and Outer Sides

Product No. Example **CK40** **A** **080** **R100**

Inner Height *Open Series* *Inner Width* *Bending Radius*



CK 40 A	A	B	C	D	R	W
MODEL	Inner Height (mm)	Inner Width (mm)	Outer Height (mm)	Outer Width (mm)	Bending Radius	Weight Kg/Mt
CK40 A 080 R ...	40	80	62	108	75, 100, 125, 150, 200, 250, 300	2,348
CK40 A 100 R ...		100		128		2,516
CK40 A 120 R ...		120		148		2,684
CK40 A 140 R ...		140		168		2,824
CK40 A 160 R ...		160		188		2,936
CK40 A 180 R ...		180		208		3,048
CK40 A 200 R ...		200		228		3,272

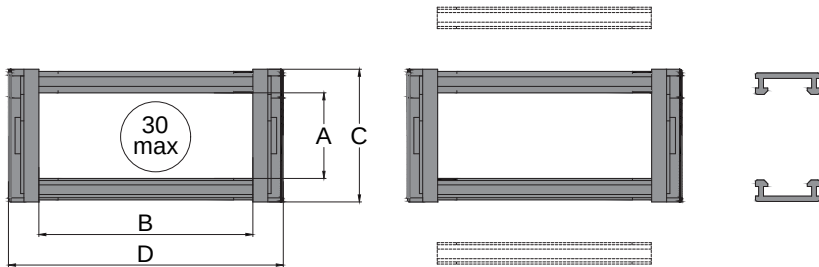


CK40 AL Series

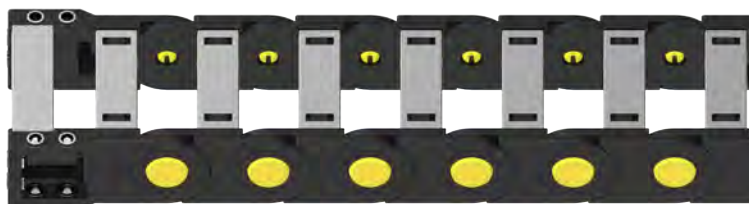
Aluminum Frame Stay - Openable From Inner and Outer Sides

Product No. Example **CK40** **AL** **500** **R300**

Inner Height *Aluminium Frame* *Inner Width* *Bending Radius*



CK 40 AL	A	B	C	D	R	W
MODEL	Inner Height (mm)	Inner Width (mm)	Outer Height (mm)	Outer Width (mm)	Bending Radius	Weight Kg/Mt
CK40 AL 250 R ...	40	250	62	278	75, 100, 125, 150, 200, 250, 300	3,552
CK40 AL 300 R ...		300		328		3,888
CK40 AL 400 R ...		400		428		4,560
CK40 AL 500 R ...		500		528		5,232





CK40 K Series

Enclosed Plastic Cover/Lid Openable From Inner and Outer Sides

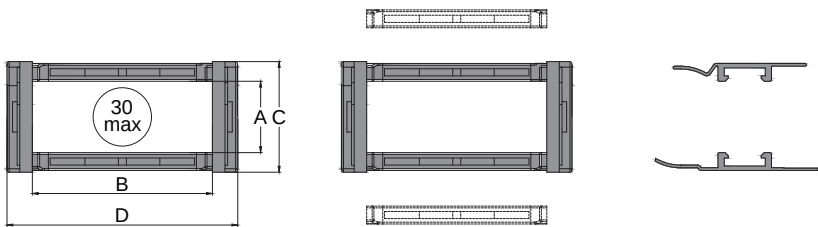
Product No. Example **CK40** **K** **100** **R250**

Inner Height

Closed Series

Inner Width

Bending Radius



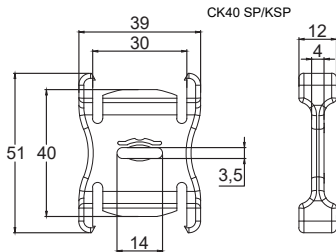
CK 40 K	A	B	C	D	R	W
MODEL	Inner Height (mm)	Inner Width (mm)	Outer Height (mm)	Outer Width (mm)	Bending Radius	Weight Kg/Mt
CK40 K 100 R...	40	100	62	128	125, 150, 200, 250, 300	2,810





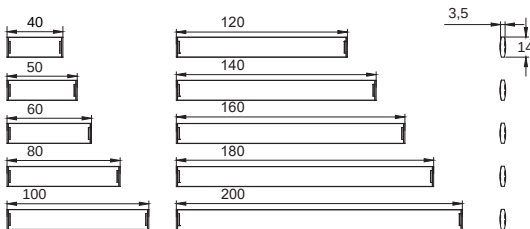
Vertical Separator Dimensions

CK40 SP



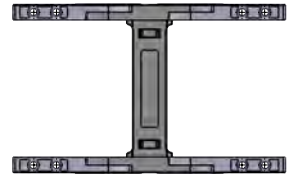
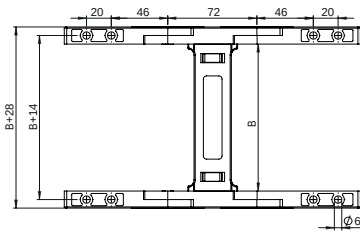
Horizontal Separator Dimensions

CK40 YSP

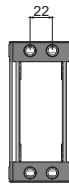
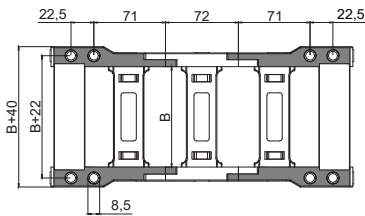


Plastic End Bracket Assembly Dimensions

CK40 P



CK40 NP



CK40 NPA - NPK - NPY - NPAL



B dimension is referenced in the model tables on pages 94, 95, 96

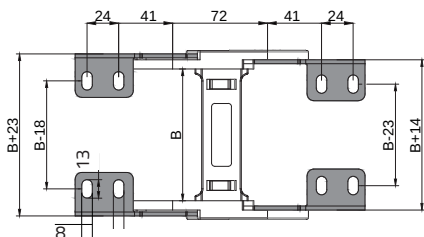
Plastic End Bracket Assembly



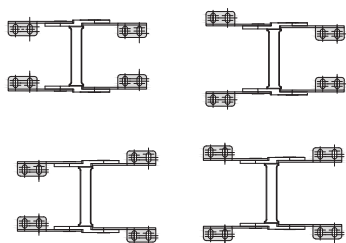


CK40 Series Plastic Heavy Duty

Metal End Bracket Assembly Dimensions



B dimension is referenced in the model tables on pages 94, 95, 96



CK40 M

CK40 A



CK40 AL



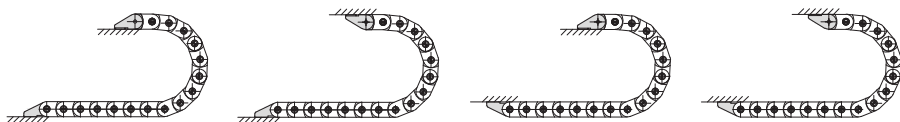
CK40 K



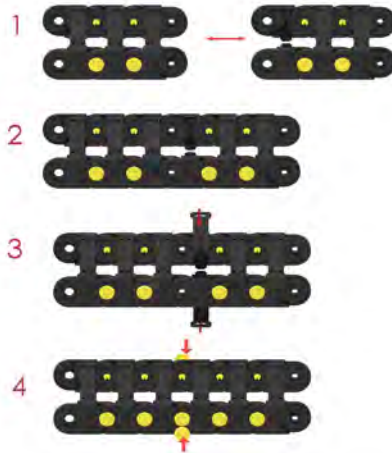
CK40 Y



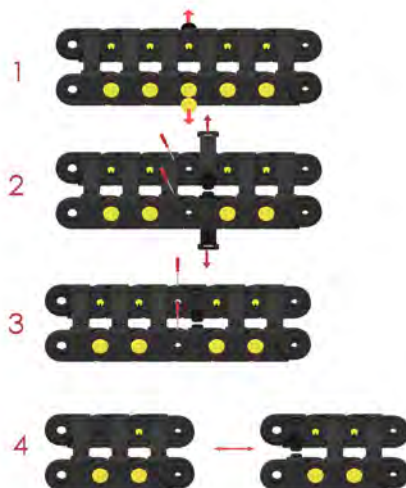
Metal End Bracket Assembly



Assembly



Disassembly





CK60 A Series

Plastic Snap Out Open Frame Stays

CK60 AL Series

Aluminum Snap Out Open Frame Stays

CK60.1 Series

Aluminum Bolt-In Open Frame Stays

CK60 K Series

Closed Cover/Lid Design

MATERIAL FEATURES

PA6 %30 | PA6 With %30 Fiber Glass

MAX TRAVEL DISTANCE

120 meters with Support

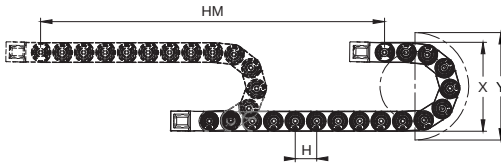
MAX SPEED

4 m/sec

OPERATING TEMPERATURE

-30°C ~ + 130°C

The formulas below assume a center mounted carrier design. In applications that are not center mounted, the offset distance must be added to HM. It is a best practice to add an additional two safety links (2xH) to avoid over-travel.



- L** Chain Length
- HM** Travel Distance
- X** Mounting Height
- Y** Curve Length
- H** Pitch

$$L = HM / 2 + Y$$

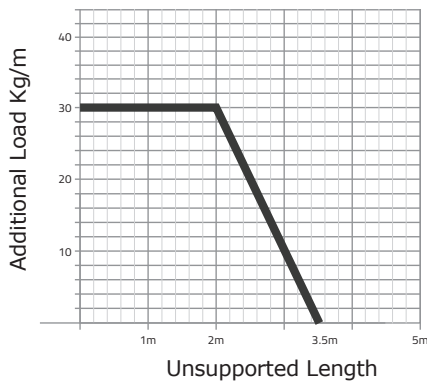
$$X = R \times 2 + C$$

$$Y = R \times \pi$$

Bending Radius	100	125	150	200	250	300
H (mm)	91	91	91	91	91	91
X (mm)	282	332	382	482	582	682
Y (mm)	314	393	471	628	785	942

* The Closed Cover/Lid designs are not available with radii less than R150

LOAD DIAGRAM



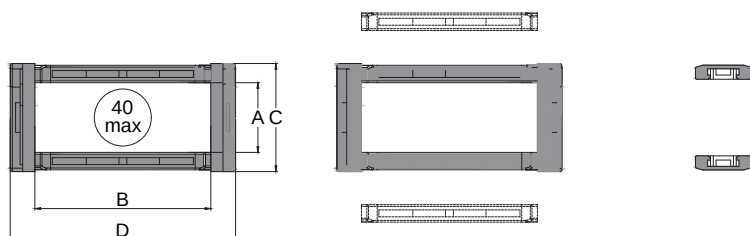


CK60 Series A

Plastic Snap Out Open Frame Stays - Openable From Inner and Outside

Product No. Example CK60 A 080 R100

Inner Height *Open Series* *Inner Width* *Bending Radius*



CK 60 A	A	B	C	D	R	W
MODEL	Inner Height (mm)	Inner Width (mm)	Outer Height (mm)	Outer Width (mm)	Bending Radius	Weight Kg/Mt
CK60 A 080 R ...	60	80	82	112	100, 125,150, 200, 250, 300	3,120
CK60 A 100 R ...		100		132		3,252
CK60 A 120 R ...		120		152		3,384
CK60 A 140 R ...		140		172		3,494
CK60 A 160 R ...		160		192		3,582
CK60 A 180 R ...		180		212		3,670
CK60 A 200 R ...		200		232		3,846

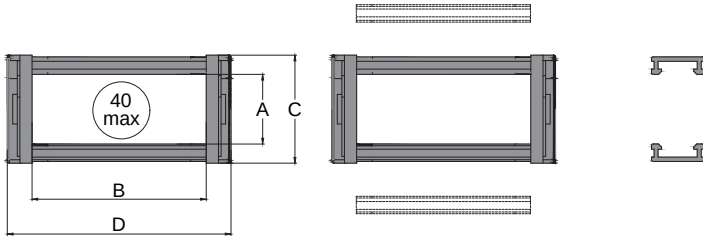


CK60 AL Series

Snap Out Aluminum Frame Stays - Openable From Inner and Outer Sides

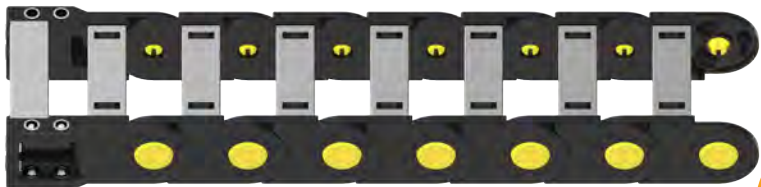
Product No. Example CK60 AL 250 R300

Inner Height Aluminium Frame Inner Width Bending Radius



CK 60 AL	A	B	C	D	R	W
MODEL	Inner Height (mm)	Inner Width (mm)	Outer Height (mm)	Outer Width (mm)	Bending Radius	Weight Kg/Mt
CK60 AL 100 R ...	60	100	82	132	100, 125, 150, 200, 250, 300	3,285
CK60 AL 150 R ...		150		182		3,545
CK60 AL 200 R ...		200		232		3,805
CK60 AL 250 R ...		250		312		4,065

Standard bar lengths are listed above. Bars can be cut to any width





CK60.1 AL Series

Bolt-In Aluminum Open Style Frame Stays - Openable From Inner and Outer Sides

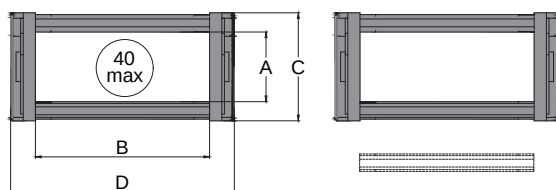
Product No. Example CK60.1 AL 500 R300

Inner Height

Aluminium Frame

Inner Width

Bending Radius



CK 60.1 AL	A	B	C	D	R	W
MODEL	Inner Height (mm)	Inner Width (mm)	Outer Height (mm)	Outer Width (mm)	Bending Radius	Weight Kg/Mt
CK60.1 AL 200 R ...	60	200	82	232	100, 125, 150, 200, 250, 300	3,824
CK60.1 AL 250 R ...		250		282		4,065
CK60.1 AL 300 R ...		300		332		4,330
CK60.1 AL 400 R ...		400		432		4,858
CK60.1 AL 500 R ...		500		532		5,386

Standard bar lengths are listed above. Bars can be cut to any width

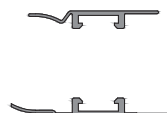
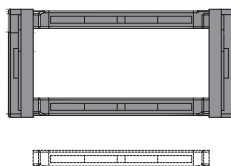
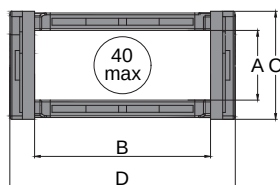


CK60 K Series

Snap-Out Plastic Covers/Lids - Openable From Inner and Outer Sides

Product No. Example CK60 K 100 R250

Inner Height Closed Cover Inner Width Bending Radius

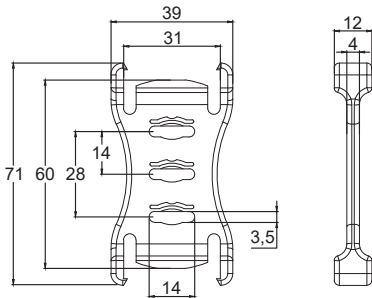


CK 60 K	A	B	C	D	R	W
MODEL	Inner Height (mm)	Inner Width (mm)	Outer Height (mm)	Outer Width (mm)	Bending Radius	Weight Kg/Mt
CK60 K 100 R ...	60	100	82	132	150, 200, 250, 300	3,681
CK60 K 140 R ...	60	140	82	172		4,088
CK60 K 200 R ...	60	200	82	232		4,649



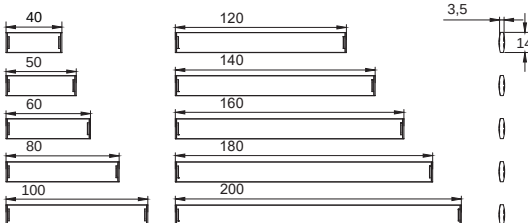
Vertical Separator Dimensions

CK60 SP



Horizontal Separator Dimensions

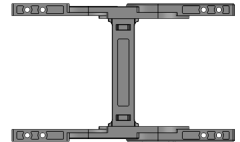
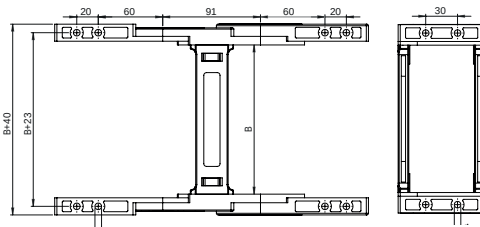
CK60 YSP





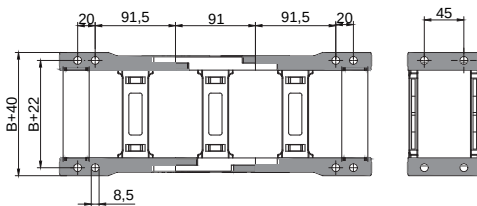
Plastic End Bracket Assembly Dimensions

CK60 P



CK60 NP

CK60 NPA - NPK - NPY - NPAL



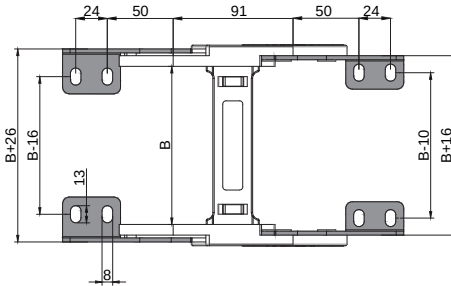
B Dimension is referenced in the model tables on pp 103-106

Plastic End Bracket Assembly

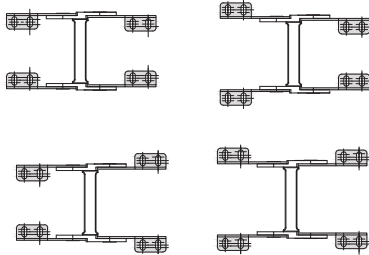


Metal End Bracket Assembly Directions

CK60 M



B Dimension is referenced in the model tables on pp 103 - 106



CK60 A



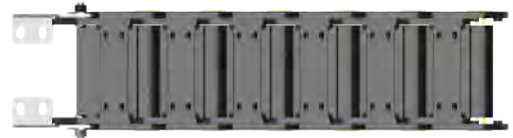
CK60 AL



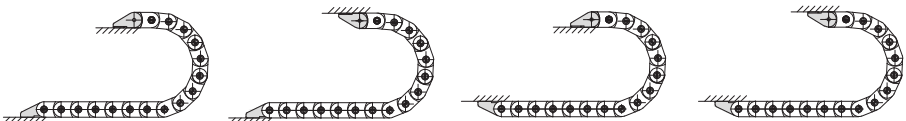
CK60 K



CK60 Y

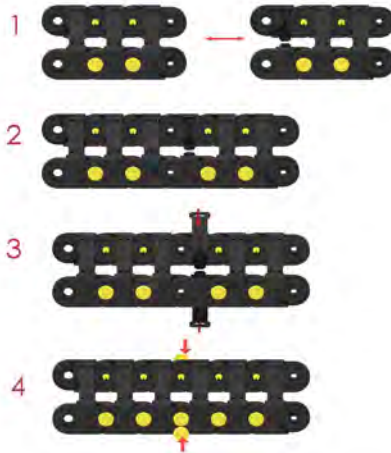


Metal End Bracket Assembly

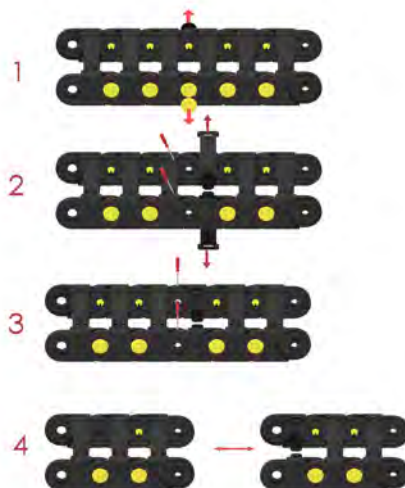




Assembly



Disassembly





CK80 A Series

Plastic Snap Out Open Frame Stays

CK80 AL Series

Aluminum Snap Out Open Frame Stays

CK80.1 AL Series

Aluminum Bolt-In Open Frame Stays

MATERIAL FEATURES

PA6 %30 | PA6 With %30 Fiber Glass

MAX TRAVEL DISTANCE

120 meters with Support

MAX SPEED

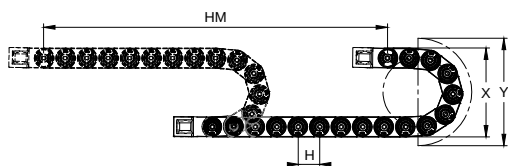
4 m/sec

OPERATING TEMPERATURE

-30°C ~ + 130°C



K80 Series Plastic Heavy Duty



- L** Chain Length
- HM** Travel Distance
- X** Mounting Height
- Y** Curve Length
- H** Pitch

$$L = HM / 2 + Y$$

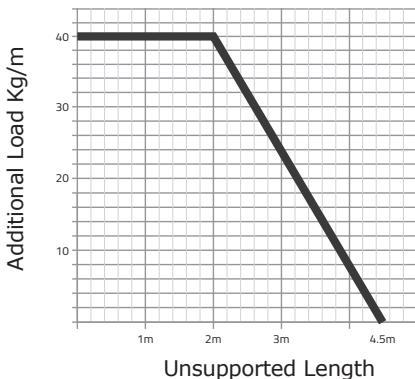
$$X = R \times 2 + C$$

$$Y = R \times \pi$$

These formulas assume a center mounted carrier design. In applications that are not center mounted, the offset distance must be added to HM. It is a best practice to add an additional two safety links (2xH) to avoid over-travel.

Bending Radius	15 0	20 0	25 0	30 0
H (mm)	110	110	110	110
X (mm)	402	502	602	702
Y (mm)	471	628	785	942

LOAD DIAGRAM

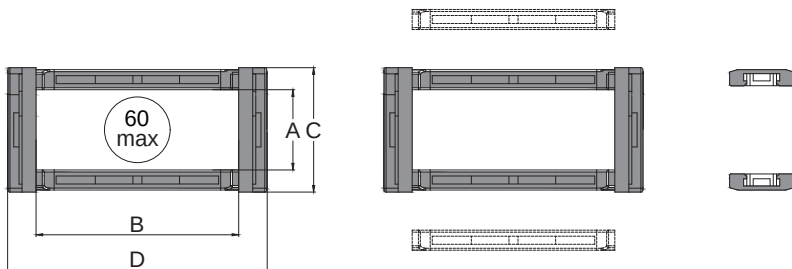


CK80 A Series

Open Plastic Frame Stay - Openable From Inner and Outer Sides

Product No. Example **CK80** **A** **200** **R200**

Inner Height *Open Seies* *Inner Width* *Bending Radius*



CK 80 A	A	B	C	D	R	W
MODEL	Inner Height (mm)	Inner Width (mm)	Outer Height (mm)	Outer Width (mm)	Bending Radius	Weight Kg/Mt
CK80 A 080 R ...	80	80	102	112	150, 200, 250, 300	3,384
CK80 A 100 R ...		100		132		3,492
CK80 A 120 R ...		120		152		3,600
CK80 A 140 R ...		140		172		3,690
CK80 A 160 R ...		160		192		3,762
CK80 A 180 R ...		180		212		3,834
CK80 A 200 R ...		200		232		3,978





CK80 AL Series

Open Style Snap-Out Aluminum Frame Stay - Openable From Inner and Outer Sides

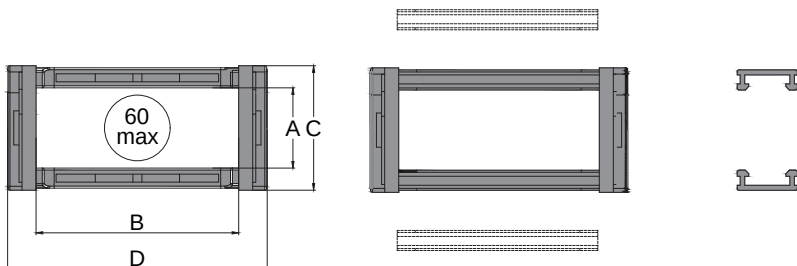
Product No. Example CK80 AL 400 R300

Inner Height

Aluminium Frame

Inner Width

Bending Radius



CK 80 AL	A	B	C	D	R	W
MODEL	Inner Height (mm)	Inner Width (mm)	Outer Height (mm)	Outer Width (mm)	Bending Radius	Weight Kg/Mt
CK80 AL 100 R ...	80	100	102	132	150, 200, 250, 300	3,530
CK80 AL 150 R ...		150		182		3,748
CK80 AL 200 R ...		200		232		3,960
CK80 AL 250 R ...		250		282		4,158

The Sizes listed Above are Standard /Frame Stays can be cut to any width



CK80.1 AL Series

Open Style BoltIn Aluminum Frame Stay - Openable From Inner and Outer Sides

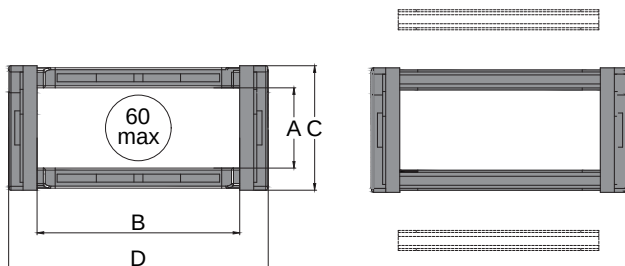
Product No. Example **CK80.1** **AL** **400** **R300**

Inner Height

Aluminium Frame

Inner Width

Bending Radius



CK 80.1 AL	A	B	C	D	R	W
MODEL	Inner Height (mm)	Inner Width (mm)	Outer Height (mm)	Outer Width (mm)	Bending Radius	Weight Kg/Mt
CK80.1 AL 200 R ...	80	200	102	232	150, 200, 250, 300	4,158
CK80.1 AL 250 R ...		250		283		4,374
CK80.1 AL 300 R ...		300		332		4,606
CK80.1 AL 400 R ...		400		432		5,108
CK80.1 AL 500 R ...		500		532		5,610

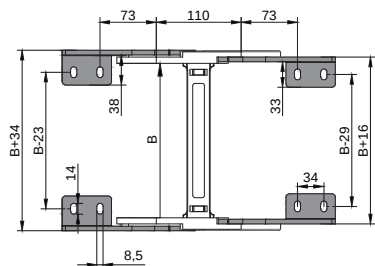
The Sizes listed Above are Standard /Frame Stays can be cut to any width





Metal End Bracket Assembly Dimensions

CK80 M

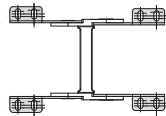
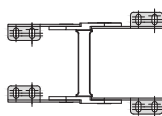
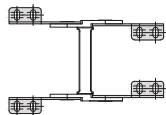
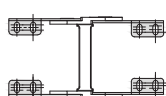


The B Dimension is referenced in the model tables on pages 119 - 121

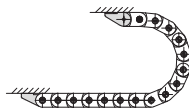
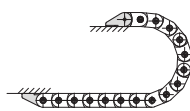
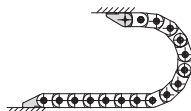
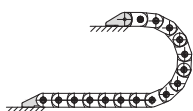
CK80 A



CK80 AL

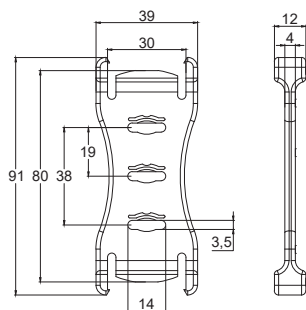


Metal End Bracket Assembly



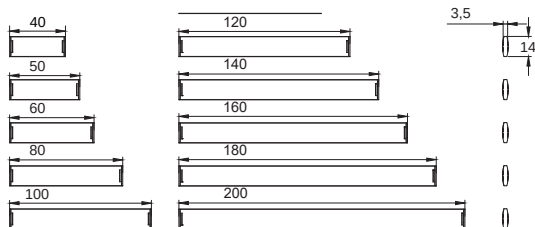
Vertical Separator Dimensions

CK80 SP



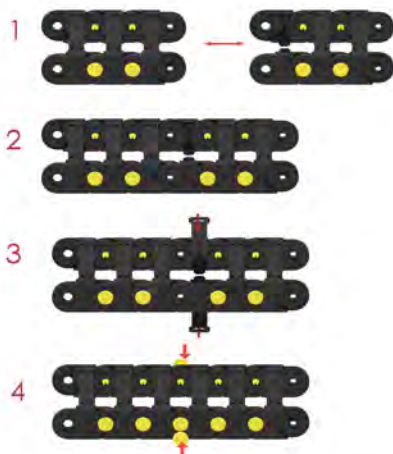
Horizontal Separator Dimensions

CK80 YSP

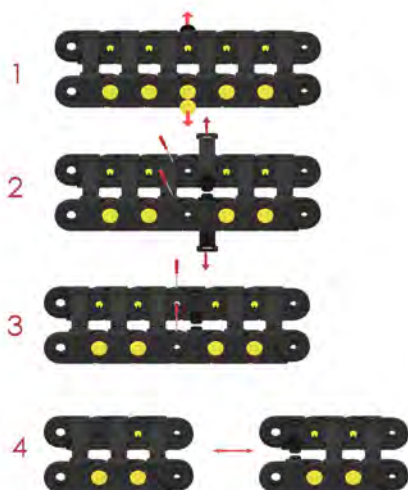




Assembly

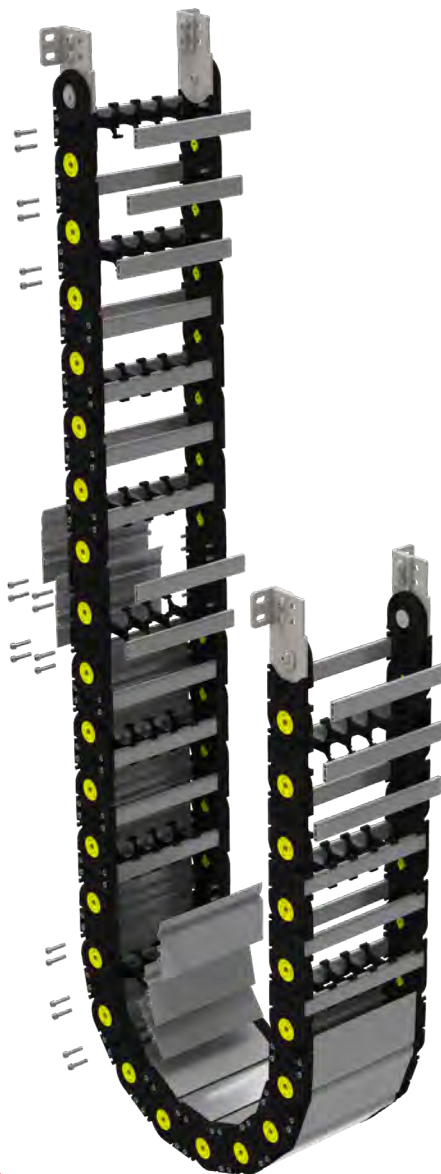


Disassembly



Strain Relief





CK45 AL Series

Bolted Aluminum Open Style Frame Stays

CK45 ALK Series

Aluminum Closed Cover Style/Lids

CK45 B Series

Custom Bored Aluminum Frame Stays

CK45.1 Series

Snap-Out/Detachable Aluminum Open Style Frame Stays

MATERIAL FEATURES

PA6 %30 | PA6 With %30 Fiber Glass

MAX TRAVEL DISTANCE

120 meters with Support

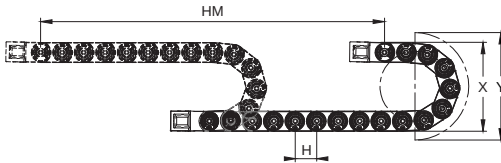
MAX SPEED

4 m/secz

OPERATING TEMPERATURE

-30°C ~ + 130°C

The formulas below assume a center mounted carrier design. In applications that are not center mounted, the offset distance must be added to HM. It is a best practice to add an additional two safety links (2xH) to avoid over-travel.



- L** Chain Length
- HM** Travel Distance
- X** Mounting Height
- Y** Curve Length
- H** Pitch

$$L = HM / 2 + Y$$

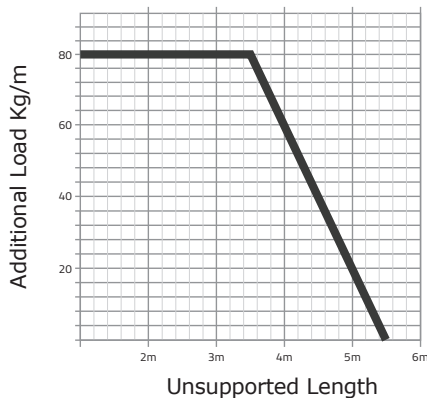
$$X = R \times 2 + C$$

$$Y = R \times \pi$$

The calculations above assume a center mounted design. Any distance offset from travel should be added to HM. It is also a best practice to add two links (2 x H) to Y to avoid over travel.

Bending Radius	100	125	150	200	250	300	400
H (mm)	85	85	85	85	85	85	85
X (mm)	265	315	365	465	565	665	865
Y (mm)	314	393	471	628	785	942	1256

LOAD DIAGRAM





CK45 AL Series

Bolted Inside and Outside Aluminium Frame Stay

Product No. Example

CK45

AL

250

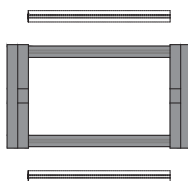
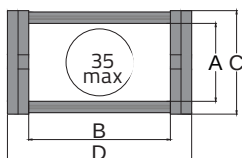
R200

Inner Height

Aluminium Frame

Inner Width

Bending Radius



CK45 AL	A	B _{min} - B _{max}	C	D _{min} - D _{max}	R
MODEL	<i>Inner Height (mm)</i>	<i>Inner Width (mm)</i>	<i>Outer Height (mm)</i>	<i>Outer Width (mm)</i>	<i>Bending Radius</i>
CK45 AL	45	80-600	65	118-638	100, 125, 150, 200, 250, 300, 400

Frame Stays are available in any width between 80-600 mm





CK45 ALK Series

Bolted Covered Frame/Lid Style. Openable from Inner and Outer Sides

Product No. Example

CK45

Inner Height

ALK

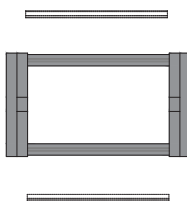
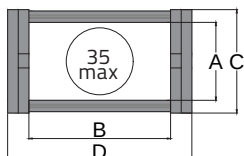
Closed Cover

250

Inner Width

R200

Bending Radius



CK45 ALK	A	B _{min} - B _{max}	C	D _{min} - D _{max}	R
MODEL	<i>Inner Height (mm)</i>	<i>Inner Width (mm)</i>	<i>Outer Height (mm)</i>	<i>Outer Width (mm)</i>	<i>Bending Radius</i>
CK45 ALK	45	80-600	65	118-638	150, 200, 250, 300, 450

Frame Stays are available in any width between 80-600 mm



CK45 B Series

Custom Bored Aluminum Frame Stays for Maximum Separation and cable/hose wear prevention

Product No. Example

CK45

B

400

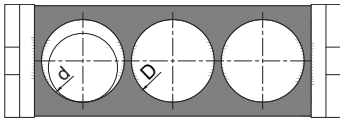
R300

Inner Height

Special Designed

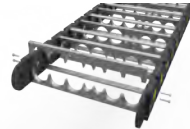
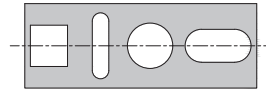
Inner Width

Bending Radius



D_{max} 40 mm

Hole Stay With Horizontal and Vertical Elongated Holes



• Custom designed for your cable and hose package

CK45 B	A	B _{min} - B _{max}	C	D _{min} - D _{max}	R
MODEL	Inner Height (mm)	Inner Width (mm)	Outer Height (mm)	Outer Width (mm)	Bending Radius
CK45 B	-	80-600	65	118-638	100, 150, 200, 250, 300, 450

Frame Stays are available in any width between 80-600 mm





CK45.1 Series

Snap-Out/Detachable Aluminum Open Style Frame Stays

Product No. Example

CK45

Inner Height

.1

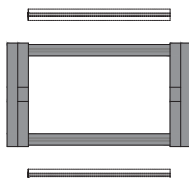
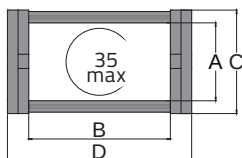
*Detachable
Aluminium Frame*

250

Inner Width

R200

Bending Radius



CK45 ALK	A	B _{min} - B _{max}	C	D _{min} - D _{max}	R
MODEL	<i>Inner Height (mm)</i>	<i>Inner Width (mm)</i>	<i>Outer Height (mm)</i>	<i>Outer Width (mm)</i>	<i>Bending Radius</i>
CK45 ALK	45	80-600	65	118-638	100, 150, 200, 250, 300, 450



CK45.2 Series

Bolted Aluminum Frame From Inside and Boltless Aluminum Frame From Outside



CK45.3 Series

Boltless Aluminum Frame From Inside and Bolted Aluminum Frame From Outside





**CK45 Series Plastic/Aluminum
Ultra Heavy Duty**

CK45.4 SERIES

Bolted Thin Aluminum Frame Stay

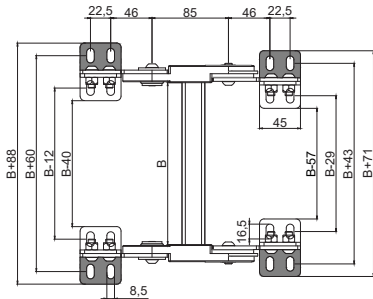


CK45.5 SERIES

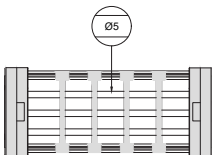
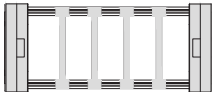
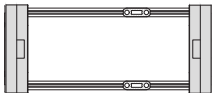
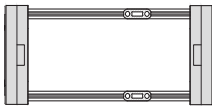
Bolted Thin Aluminium Bar and Frame



Metal End Bracket Assembly Dimensions



B Dimension is referenced in the Model Tables



CK45 AL

CK45 ALK

CK45 ALY

CK45 B

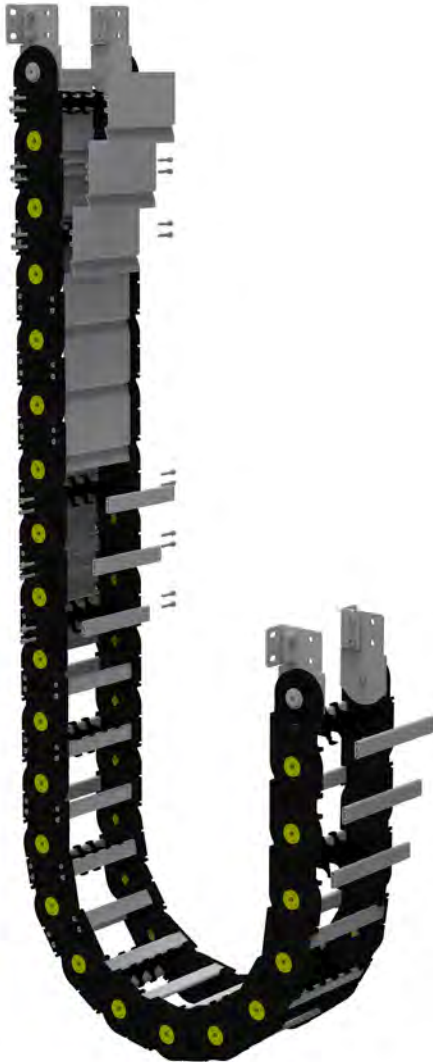


CK45 SP





CK62 Series Plastic/Aluminum Ultra Heavy Duty



CK62 AL Series

Aluminum Open Frame Stay

CK62 ALK Series

Bolted Aluminum Covers/Lids

CK62 B Series

Custom Bored Frame Stays

MATERIAL FEATURES

PA6 %30 | PA6 With %30 Fiber Glass

MAX TRAVEL DISTANCE

120 meters with Support

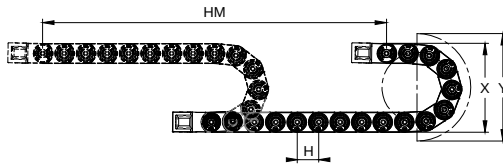
MAX SPEED

4 m/sec

OPERATING TEMPERATURE

-30°C ~ + 130°C

The formulas below assume a center mounted application. Any offset distance from the center of travel must be added to HM. It is a best practice to add two safety links (2xH) to avoid over-travel.



- L** Chain Length
- HM** Travel Distance
- X** Mounting Height
- Y** Curve Length
- H** Pitch

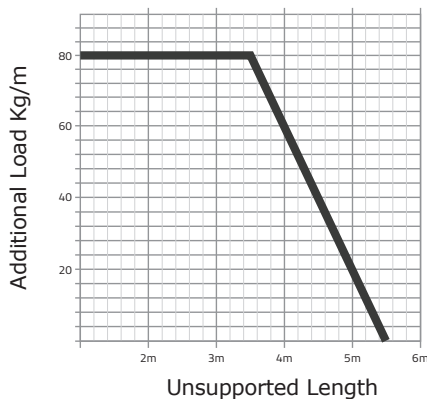
$$L = HM / 2 + Y$$

$$X = R \times 2 + C$$

$$Y = R \times \pi$$

Bending Radius	100	150	200	250	300	350	450
H (mm)	100	100	100	100	100	100	100
X (mm)	282	382	482	582	682	782	982
Y (mm)	314	471	628	785	942	1099	1413

LOAD DIAGRAM



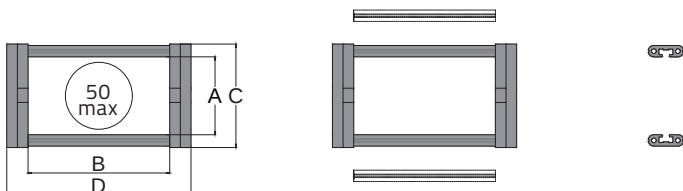


CK62 AL SERIES

Bolted Inside and Outside Aluminum Frame Stays

Product No. Example CK62 AL 250 R200

Inner Height Aluminium Frame Inner Width Bending Radius



CK62 AL	A	B _{min} - B _{max}	C	D _{min} - D _{max}	R
MODEL	<i>Inner Height (mm)</i>	<i>Inner Width (mm)</i>	<i>Outer Height (mm)</i>	<i>Outer Width (mm)</i>	<i>Bending Radius</i>
CK62 AL	60	80-600	82	123-643	100, 150, 200, 250, 300, 350, 450





CK62 ALK Series

Bolted Inside and Outside Aluminium Cover/Lid

Product No. Example

CK62

Inner Height

ALK

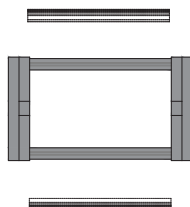
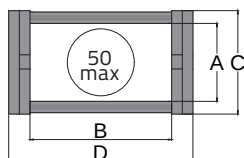
Closed Cover

25 0

Inner Width

R20 0

Bending Radius



CK62 ALK	A	B _{min} - B _{max}	C	D _{min} - D _{max}	R
MODEL	<i>Inner Height (mm)</i>	<i>Inner Width (mm)</i>	<i>Outer Height (mm)</i>	<i>Outer Width (mm)</i>	<i>Bending Radius</i>
CK62 ALK	60	80-600	82	123-643	200, 250, 300, 350, 450



CK62 B SERIES

Custom Bored Aluminum Frame Stay

Product No. Example

CK62

B

400

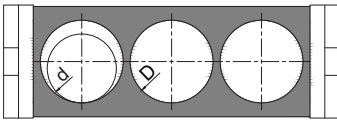
R300

Inner Height

Special Designed

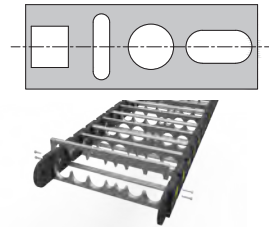
Inner Width

Bending Radius



D_{max} 40 mm

Hole Stay With Horizontal and Vertical Elongated Holes



Custom designed for your cable and hose package

CK62 B	A	B _{min} - B _{max}	C	D _{min} - D _{max}	R
MODEL	Inner Height (mm)	Inner Width (mm)	Outer Height (mm)	Outer Width (mm)	Bending Radius
CK62 B	-	80-600	82	123-643	100, 150, 200, 250, 300, 350, 450





CK62.1 SERIES

Boltless/Snap-Out Aluminum Frame Stay. Openable From inner and outer Sides

Product No. Example

CK62

.1

250

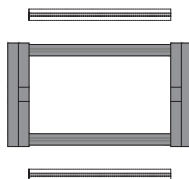
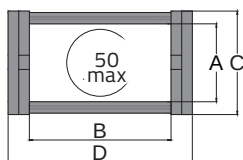
R200

Inner Height

Detachable
Aluminium Frame

Inner Width

Bending Radius



CK62.1	A	B _{min} - B _{max}	C	D _{min} - D _{max}	R
MODEL	Inner Height (mm)	Inner Width (mm)	Outer Height (mm)	Outer Width (mm)	Bending Radius
CK62.1	60	80-600	82	123-643	100, 150, 200, 250, 300, 350, 450



CK62.2 SERIES

Bolted Aluminium Frame From Inside and Boltless Aluminum Frame From Outside



CK62.3 SERIES

Boltless Aluminum Frame From Inside and Bolted Aluminium frame from Outside





CK62.4 SERIES

Bolted Stick



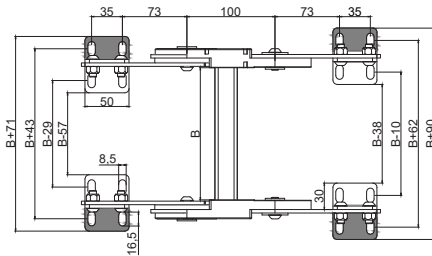
CK62.5 SERIES

Bolted Aluminum Stick and Frame



Metal End Bracket Assembly Dimensions

CK62 M



CK62 AL

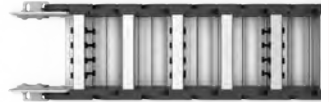


CK62 ALK

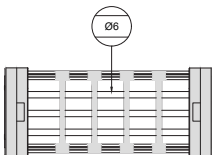
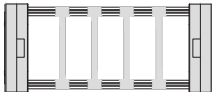
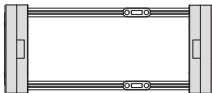
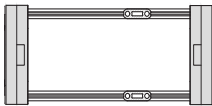


You will find the 'B' dimension in the model table.

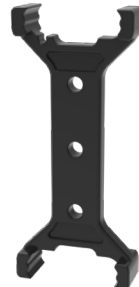
CK62 ALY



CK62 B

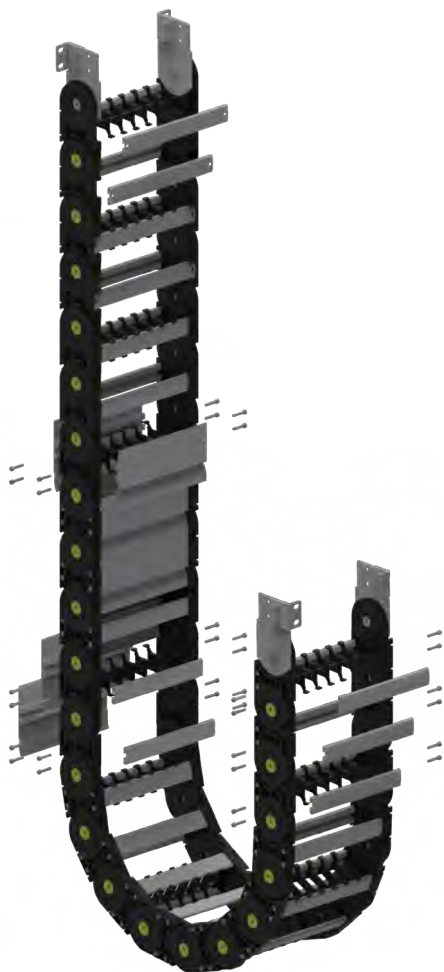


CK62 SP





CK75 Series Plastic/Aluminum Ultra Heavy Duty



CK75 AL SERIES

Bolted Aluminum Open Style Frame Stays

CK75 ALK SERIES

Bolted Aluminum Closed Cover/Lids

CK75 B SERIES

Custom Bored Frame Stays

MATERIAL FEATURES

PA6 %30 | PA6 With %30 Fiber Glass

MAX TRAVEL DISTANCE

120 meters with Support

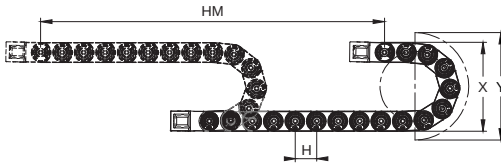
MAX SPEED

4 m/sec

OPERATING TEMPERATURE

-30°C ~ + 130°C

The formulas below assume a center mounted carrier design. In applications that are not center mounted, the offset distance from center must be added to HM. It is a best practice to add an additional two safety links (2xH) to avoid over-travel.



- L** Chain Length
- HM** Travel Distance
- X** Mounting Height
- Y** Curve Length
- H** Pitch

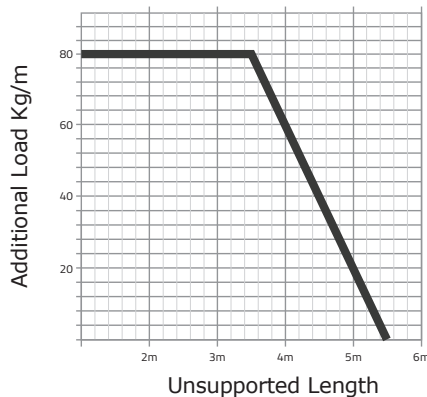
$$L = HM / 2 + Y$$

$$X = R \times 2 + C$$

$$Y = R \times \pi$$

Bending Radius	150	200	250	300	350	450
H (mm)	125	125	125	125	125	125
X (mm)	402	502	602	702	802	1002
Y (mm)	471	628	785	942	1099	1413

LOAD DIAGRAM





CK75 AL SERIES

Bolted Inner and Outer Aluminum Open Style Frame Stays

Product No. Example

CK75

AL

250

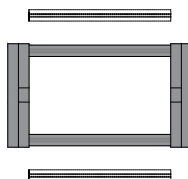
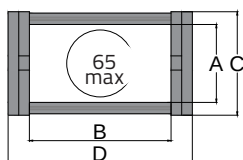
R200

Inner Height

Aluminium Frame

Inner Width

Bending Radius



CK75 AL	A	B _{min} - B _{max}	C	D _{min} - D _{max}	R
MODEL	Inner Height (mm)	Inner Width (mm)	Outer Height (mm)	Outer Width (mm)	Bending Radius
CK75 AL	75	100-800	102	151-851	150, 200, 250, 300, 350, 450





CK75 ALK SERIES

Bolted Inner and Outer Aluminum Covers/Lids

Product No. Example

CK75

ALK

25 0

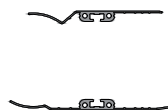
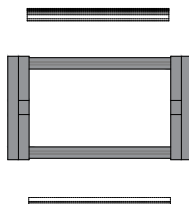
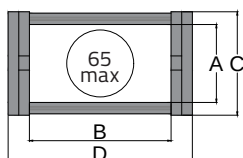
R20 0

Inner Height

Closed Cover

Inner Width

Bending Radius



CK75 AL	A	B _{min} - B _{max}	C	D _{min} - D _{max}	R
MODEL	<i>Inner Height (mm)</i>	<i>Inner Width (mm)</i>	<i>Outer Height (mm)</i>	<i>Outer Width (mm)</i>	<i>Bending Radius</i>
CK75 AL	75	100-800	102	151-851	200, 250, 300, 350, 450

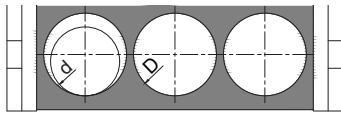


CK75 B SERIES

Custom Bored Aluminum Frame Stay

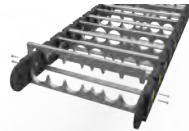
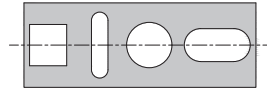
Product No. Example CK75 B 400 R300

Inner Height Special Designed Inner Width Bending Radius



D_{max} 70 mm

Custom Bored Frame Stay with Horizontal and Vertical Elongated Holes



Custom design for your cables and hoses

CK75 B	A	B _{min} - B _{max}	C	D _{min} - D _{max}	R
MODEL	Inner Height (mm)	Inner Width (mm)	Outer Height (mm)	Outer Width (mm)	Bending Radius
CK75 B	-	100-800	102	151-851	150, 200, 250, 300, 350, 450





CK75.1 SERIES

Snap-Out Aluminum Open Style Frame Stays - Openable from Inner and Outer Sides

Product No. Example

CK75

Inner Height

.1

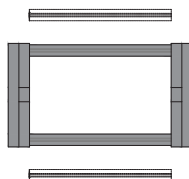
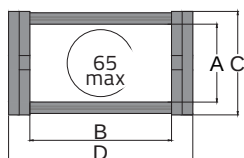
*Detachable
Aluminium Frame*

250

Inner Width

R200

Bending Radius



CK75.1	A	B _{min} - B _{max}	C	D _{min} - D _{max}	R
MODEL	<i>Inner Height (mm)</i>	<i>Inner Width (mm)</i>	<i>Outer Height (mm)</i>	<i>Outer Width (mm)</i>	<i>Bending Radius</i>
CK75.1	75	100-800	102	151-851	150, 200, 250, 300, 350, 450



CK75.2 SERIES

Bolted Aluminum Frame From Inside and Boltless Aluminium Frame From Outside



CK75.3 SERIES

Boltless Aluminum Frame From Inside and Bolted Aluminum Frame From Outside

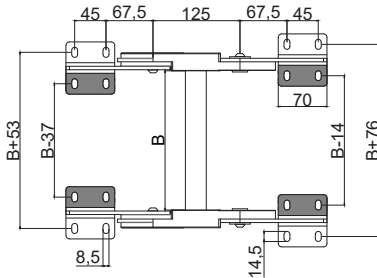




CK75 Series Plastic/Aluminum Ultra Heavy Duty

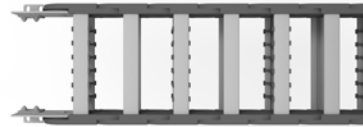
Metal End Bracket Assembly Dimensions

CK75 M



B Dimension is referenced in the model tables

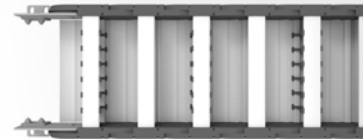
CK75 AL



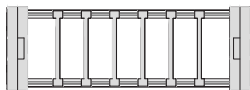
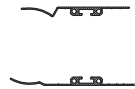
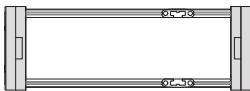
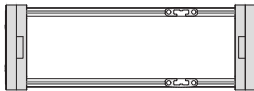
CK75 ALK



CK75 ALY



CK75 B



CK75 SP





CK110 AL SERIES

Bolted Open Frame Style Aluminum
Frame Stays

CK110 ALK SERIES

Closed Cover/Lid Style Aluminum Frame
Stays

MATERIAL FEATURES

PA6 %30 | PA6 With %30 Fiber Glass

MAX TRAVEL DISTANCE

120 meters with Support

MAX SPEED

4 m/sec

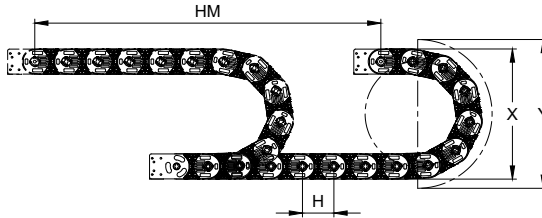
OPERATING TEMPERATURE

-30°C ~ + 130°C



CK110 Series Plastic/Aluminum Ultra Heavy Duty

The formulas below assume a center mounted carrier design. In applications that are not center mounted, the offset distance from center must be added to HM. It is a best practice to add an additional two safety links (2xH) to avoid over-travel.



- L** Chain Length
- HM** Travel Distance
- X** Mounting Height
- Y** Curve Length
- H** Pitch

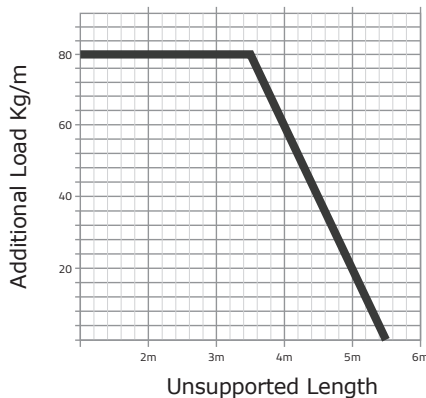
$$L = HM / 2 + Y$$

$$X = R \times 2 + C$$

$$Y = R \times \pi$$

Bending Radius	200	300	600
H (mm)	178	178	178
X (mm)	545	745	1343
Y (mm)	628	942	1884

LOAD DIAGRAM

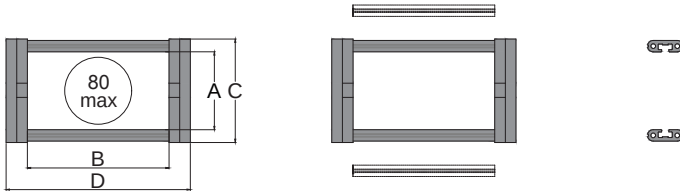


CK110 AL SERIES

Bolted Open Style Frame Stay - Openable From Inner and Outer Sides

Product No. Example CK110 AL 250 R200

Inner Height Aluminium Frame Inner Width Bending Radius



CK110 AL	A	B _{min} - B _{max}	C	D _{min} - D _{max}	R
MODEL	<i>Inner Height (mm)</i>	<i>Inner Width (mm)</i>	<i>Outer Height (mm)</i>	<i>Outer Width (mm)</i>	<i>Bending Radius</i>
CK110 AL	110	200-800	143	264-864	200, 300, 600

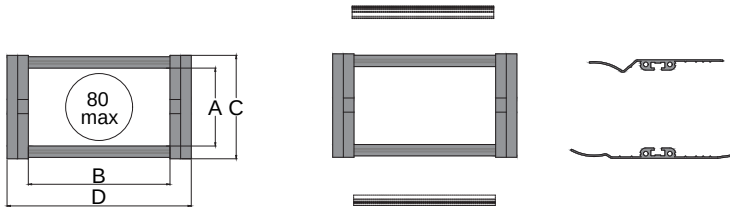


CK110 ALK SERIES

Bolted Aluminum Closed Covers/Lids Openable From Inner and Outer Sides

Product No. Example CK110 ALK 500 R300

Inner Height *Closed Cover* *Inner Width* *Bending Radius*



CK110 ALK	A	B _{min} - B _{max}	C	D _{min} - D _{max}	R
MODEL	<i>Inner Height (mm)</i>	<i>Inner Width (mm)</i>	<i>Outer Height (mm)</i>	<i>Outer Width (mm)</i>	<i>Bending Radius</i>
CK110 ALK	110	200-800	145	264-864	300, 600

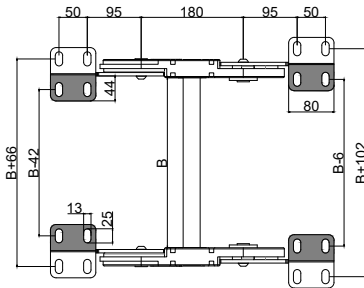




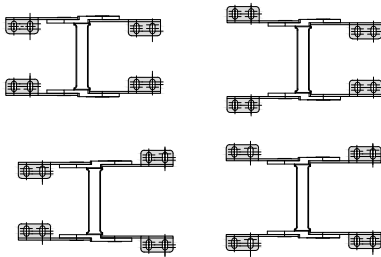
CK110 Series Plastic/Aluminum Ultra Heavy Duty

Metal End Bracket Assembly Dimensions

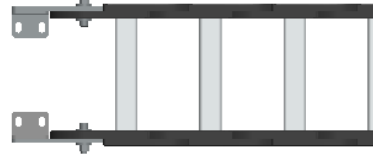
CK110 M



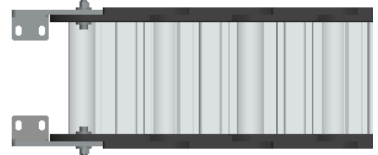
B Dimension is referenced in the model tables



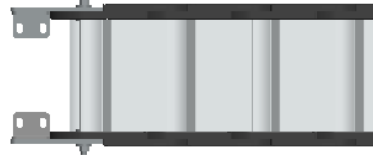
CK110 AL



CK110 ALY

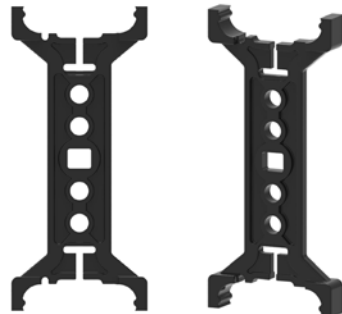
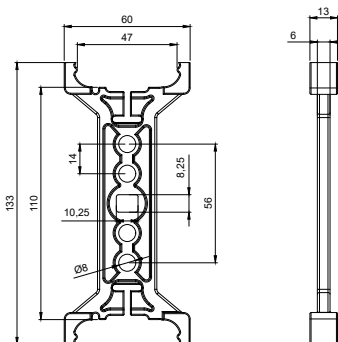


CK110 ALK



Vertical Separator Dimensions

CK110 SP



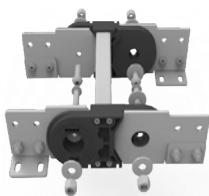
CK 45 - CK62 - CK75 -CK110 Metal End Bracket Assembly and Disassembly



1



2



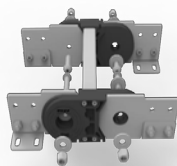
1



2



3



4





CK110 Series Plastic/Aluminum Ultra Heavy Duty

CK 45 - CK62 - CK75 - CK110 Products (Open Type) Assembly and Disassembly

1



2



3



4



5



6



7

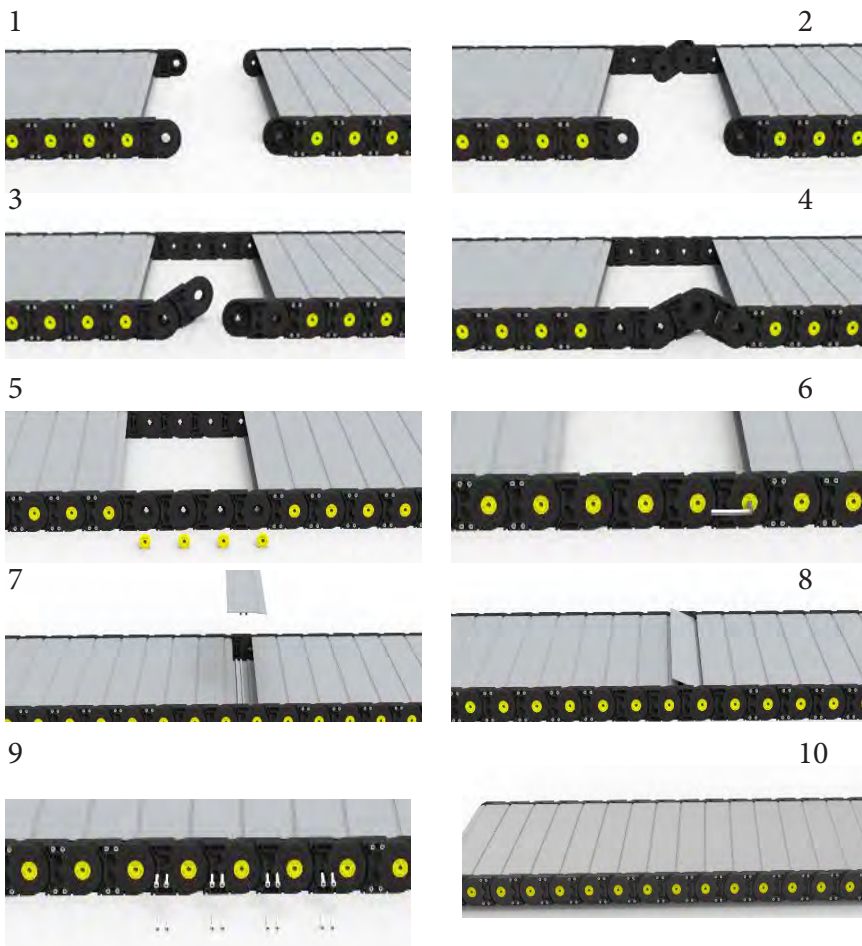


8



In order of 1->8 for assembly, 8->1 for disassembly.

CK 45 - CK62 - CK75 CK110 Products (Closed Type) Assembly/Disassembly

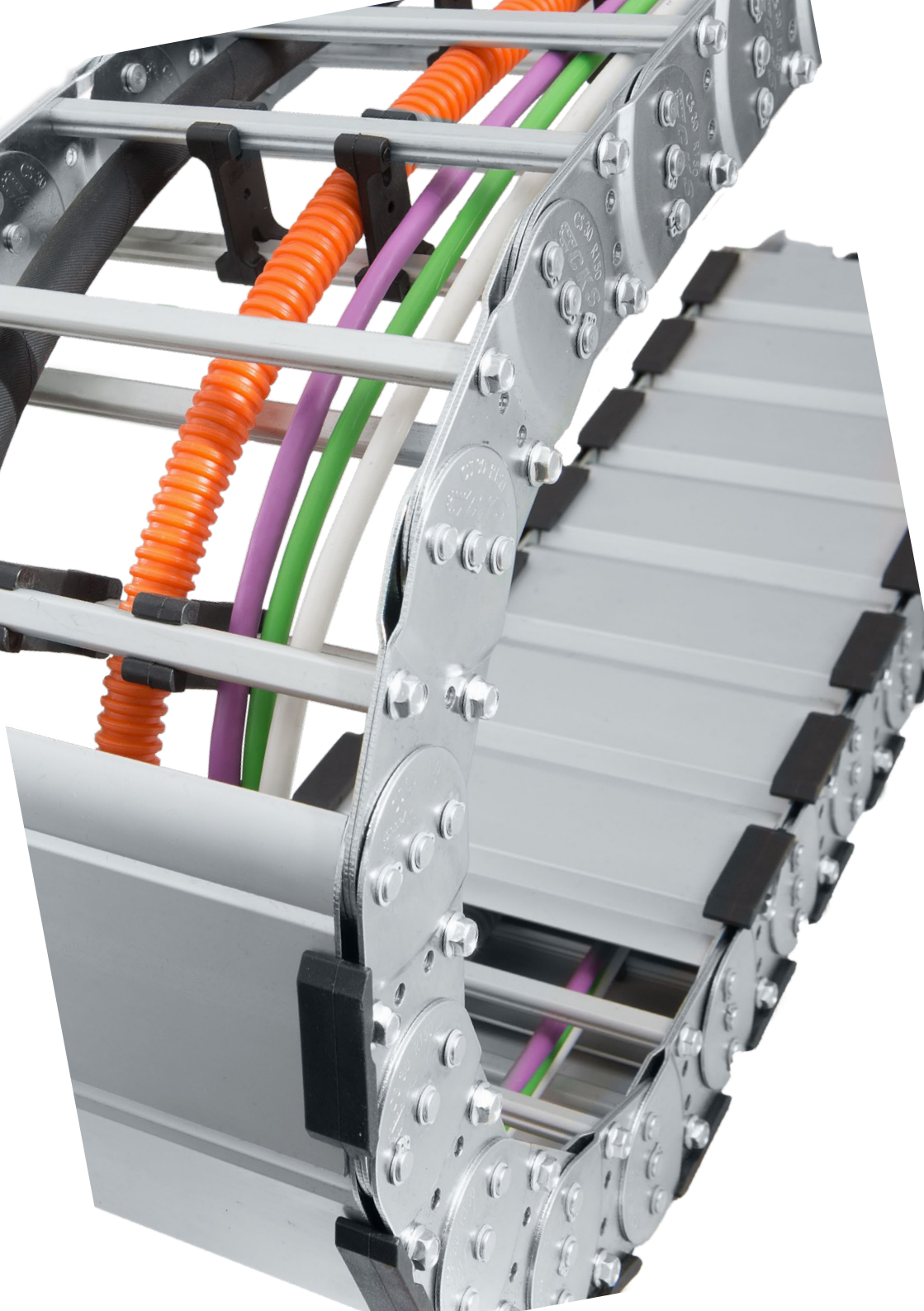


In order of 1->8 for assembly, 8->1 for disassembly.

**CS22 - CS250
SERIES**

STEEL SERIES

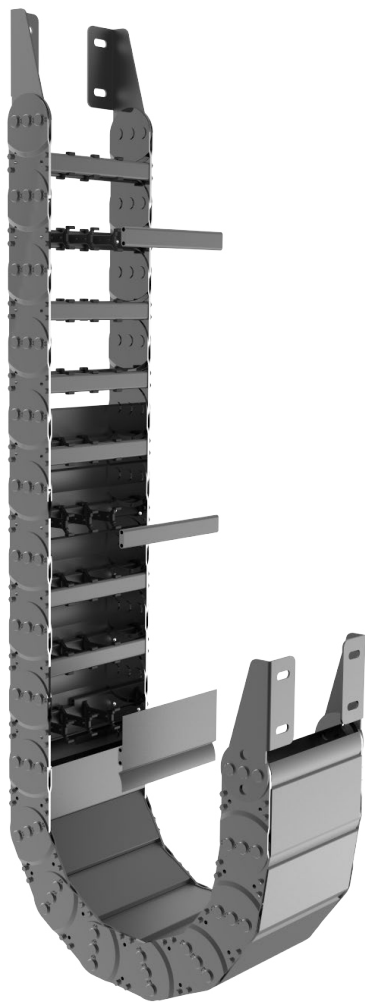






General Specifications

- Maximum unsupported length
- Available to produce stainless steel
- Aluminum and Stainless Steel crossbars available
- Available in custom widths to meet your project needs
- Dividers are made of plastic or steel
- Plastic glides for long applications
- High quality zinc coated screws, pins and retaining rings
- Able to be disassembled from inside radius or outside radius
- Custom divider arrangements available to meet your project needs



CS22 SERIES

CS30 SERIES

CS45 SERIES

CS60 SERIES

CS75 SERIES

CS110 SERIES

CS180 SERIES

CS250 SERIES

MATERIAL FEATURES

Zinc Coated Steel *Stainless Steel

MAX SPEED

1-2 m/sec

CS22 A-B SERIES

CS22 A Open Type Steel Series

Product No. Example

CS22

Inner Height

A

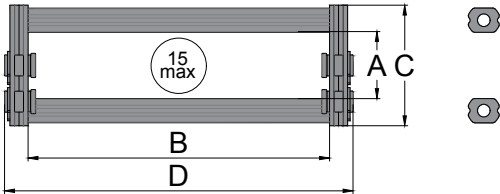
Open Series

200

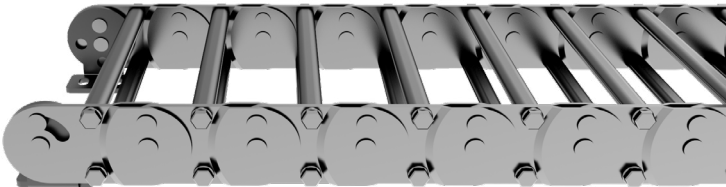
Inner Width

R050

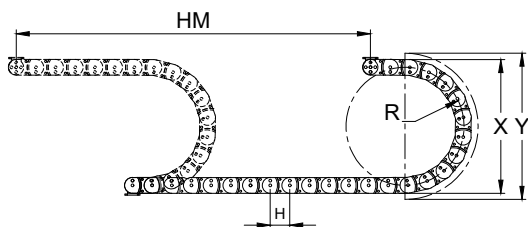
Bending Radius



CS22 A	A	B _{min} - B _{max}	C	D _{min} - D _{max}	R
MODEL	Inner Height (mm)	Inner Width (mm)	Outer Height (mm)	Outer Width (mm)	Bending Radius
CS22 A	22	50-400	40	65-415	50



CS22 A-B



L Calculation of the Chain Length

HM Travel/Movement Distance

X Mounting Height

Y Radius Distance

H Pitch

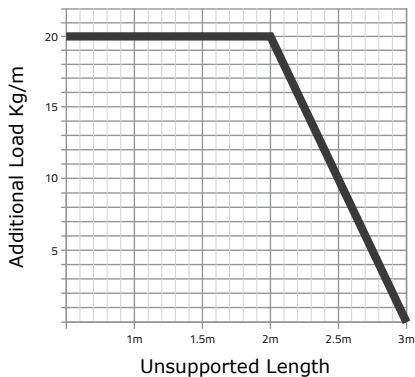
$$L = HM / 2 + Y$$

$$X = R \times 2 + C$$

$$Y = R \times \pi$$

Bending Radius	50
H (mm)	50
X (mm)	140
Y (mm)	157

LOAD DIAGRAM



CS22 B

Special Design Aluminium Steel Series

Product No. Example

CS22

Inner Height

B

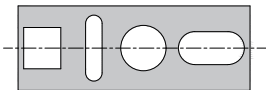
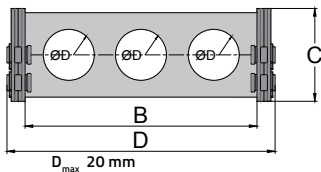
Special Design

200

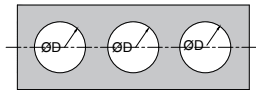
Inner Width

R050

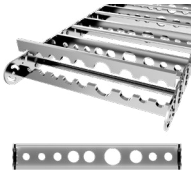
Bending Radius



Hole Stay With Horizontal and Vertical Elongated Holes

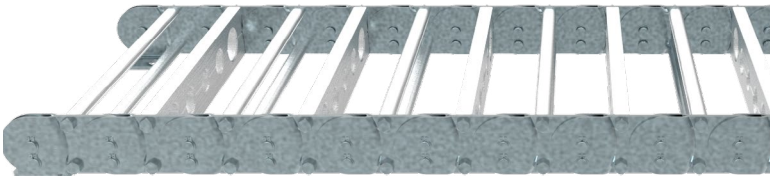


Hole Stay With Individual Holes



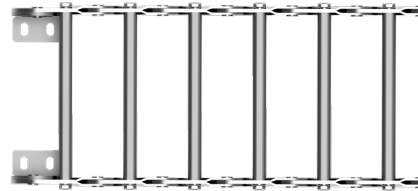
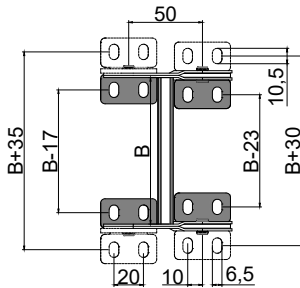
Available special design for
your cable and hose holes

CS22 B	A	B _{min} - B _{max}	C	D _{min} - D _{max}	R
MODEL	Inner Height (mm)	Inner Width (mm)	Outer Height (mm)	Outer Width (mm)	Bending Radius
CS22 B	-	50-400	40	65-415	50



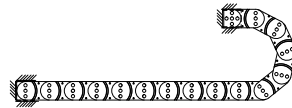
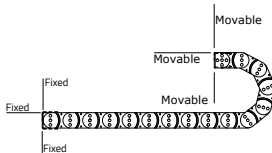
Steel End Bracket Assembly Dimensions

CS22 M



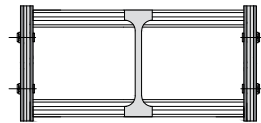
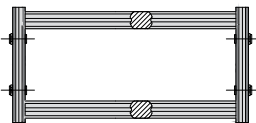
You will find the 'B' dimension from model table.

Steel End Bracket Assembly Application

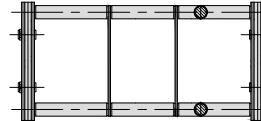
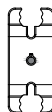
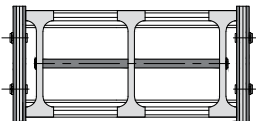


Vertical and Horizontal Separator Applications

CS22 SP



Plastic Vertical Separator Application



Horizontal Separator Application

Steel Vertical Separator Application



CS30 A-B-K SERIES

CS30 A Open Type Steel Series

Product No. Example

CS30

Inner Height

A

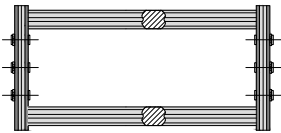
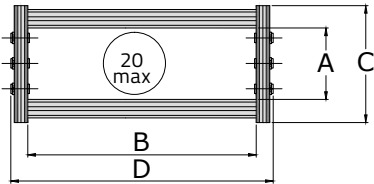
Open Series

200

Inner Width

R075

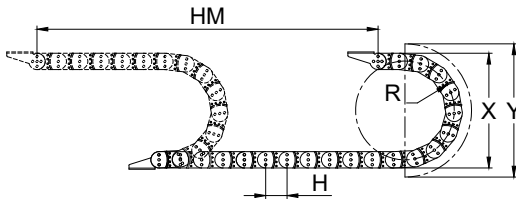
Bending Radius



CS30 A	A	B _{min} - B _{max}	C	D _{min} - D _{max}	R
MODEL	Inner Height (mm)	Inner Width (mm)	Outer Height (mm)	Outer Width (mm)	Bending Radius
CS30 A	30	50-500	50	66-516	75, 150



CS30 A-B-K



L Calculation of the Chain Length

HM Travel/Movement Distance

X Mounting Height

Y Radius Distance

H Pitch

$$L = HM / 2 + Y$$

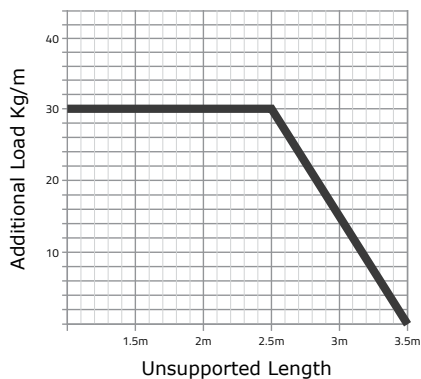
$$X = R \times 2 + C$$

$$Y = R \times \pi$$

Bending Radius	75	150
H (mm)	65	65
X (mm)	215	365
Y (mm)	236	471

* The Closed type product radius is started from R150

LOAD DIAGRAM



CS30 B

Special Design Aluminium Steel Series

Product No. Example

CS30

Inner Height

B

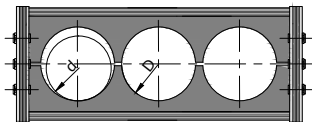
Special Design Series

200

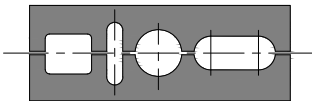
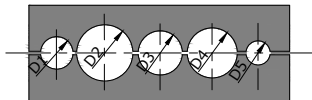
Inner Width

R150

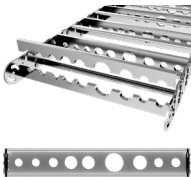
Bending Radius



D_{max} 30 mm



Hole Stay With Horizontal and Vertical Elongated Holes



• Available special design for your cable and hose holes

CS30 B	A	B _{min} - B _{max}	C	D _{min} - D _{max}	R
MODEL	Inner Height (mm)	Inner Width (mm)	Outer Height (mm)	Outer Width (mm)	Bending Radius
CS30 B	-	50-500	50	66-516	75, 150



CS30 A-B-K

CS30 K

Closed Steel Series With Aluminium Cover

Product No. Example

CS30

Inner Height

K

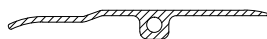
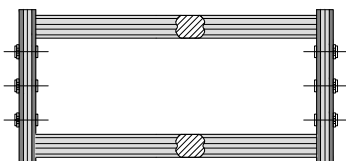
Closed Cover Series

200

Inner Width

R150

Bending Radius



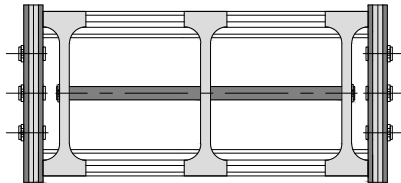
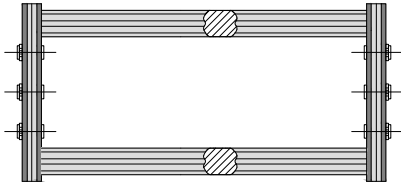
- Plastic glides for long applications

CS30 K	A	B _{min} - B _{max}	C	D _{min} - D _{max}	R
MODEL	<i>Inner Height (mm)</i>	<i>Inner Width (mm)</i>	<i>Outer Height (mm)</i>	<i>Outer Width (mm)</i>	<i>Bending Radius</i>
CS30 K	30	50-500	50	66-516	150

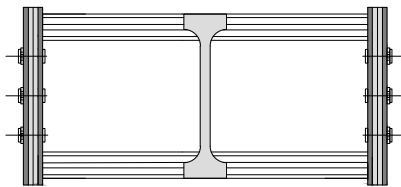


Vertical and Horizontal Separator Applications

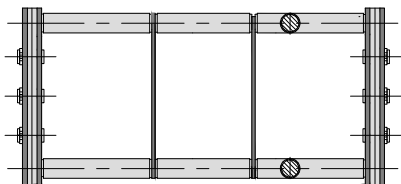
CS30 SP



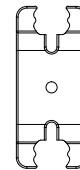
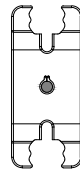
Horizontal Separator Application



Plastic Vertical Separator Application

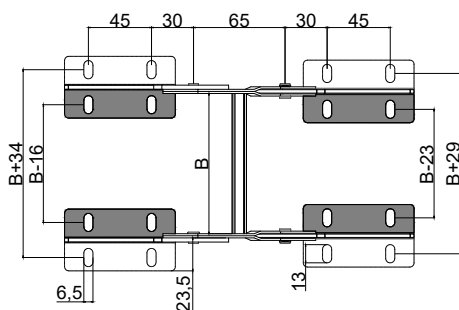


Steel Vertical Separator Application



CS30 M

Steel End Bracket Assembly Dimensions



You will find the 'B' dimension from model table.

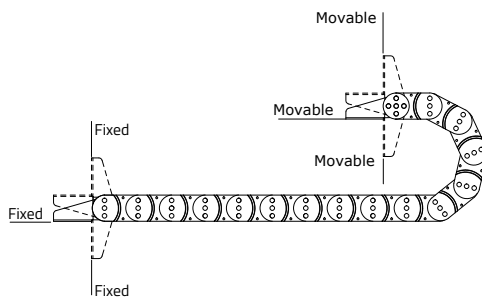
CS30 A-B



CS30 K



Steel End Bracket Assembly Application

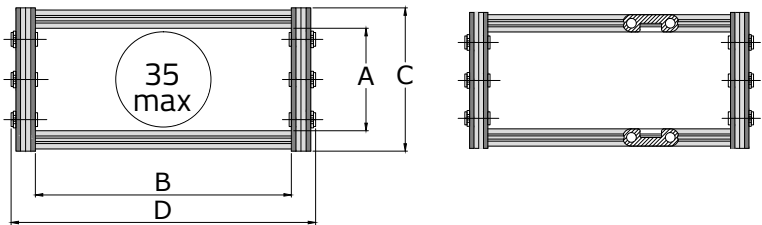


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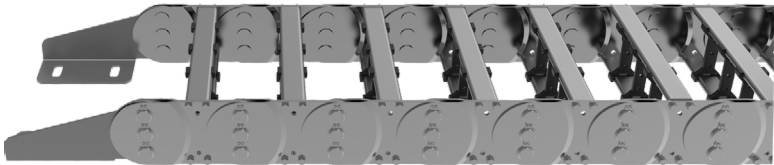
CS45 A-B-K SERIES

CS45 A Open Type Steel Series

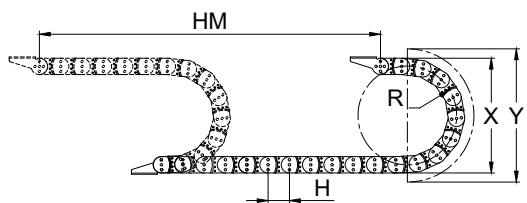
Product No. Example	CS45	A	200	R150
	Inner Height	Open Series	Inner Width	Bending Radius



CS45 A	A	B _{min} - B _{max}	C	D _{min} - D _{max}	R
MODEL	Inner Height (mm)	Inner Width (mm)-	Outer Height (mm)	Outer Width (mm)	Bending Radius
CS45 A	45	80-600	63	102-622	75, 100, 150, 200, 250



CS45 A-B-K



- L** Calculation of the Chain Length
- HM** Travel/Movement Distance
- X** Mounting Height
- Y** Radius Distance
- H** Pitch

$L = HM / 2 + Y$

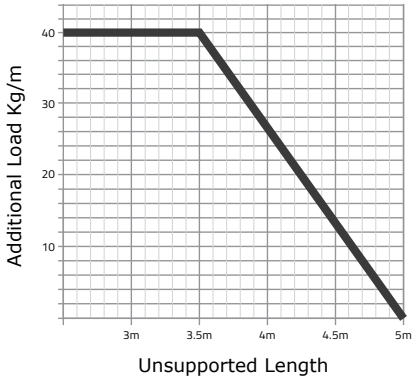
$X = R \times 2 + C$

$Y = R \times \pi$

Bending Radius	75	100	150	200	250
H (mm)	85	85	85	85	85
X (mm)	213	263	363	463	563
Y (mm)	236	314	471	628	785

* The Closed type product radius is started from R150

LOAD DIAGRAM



CS45 B

Special Design Aluminium Steel Series

Product No. Example

CS45

B

200

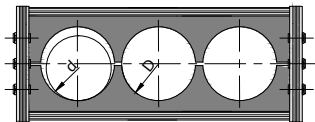
R150

Inner Height

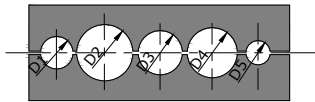
Special Design Series

Inner Width

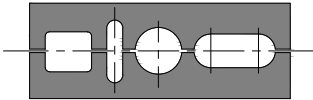
Bending Radius



D_{max} 40 mm



Hole Stay With Individual Holes



Hole Stay With Horizontal and Vertical Elongated Holes



• Available special design for your cable and hose holes



CS45 B	A	B _{min} - B _{max}	C	D _{min} - D _{max}	R
MODEL	Inner Height (mm)	Inner Width (mm)-	Outer Height (mm)	Outer Width (mm)	Bending Radius
CS45 B	-	80-600	63	102-622	75, 100, 150, 200, 250



CS45 A-B-K

CS45 K

Closed Steel Series With Aluminium over

Product No. Example

CS45

Inner Height

K

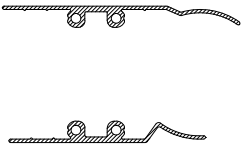
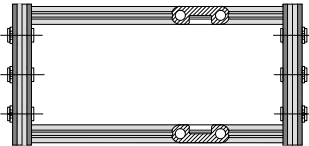
Closed Cover Series

200

Inner Width

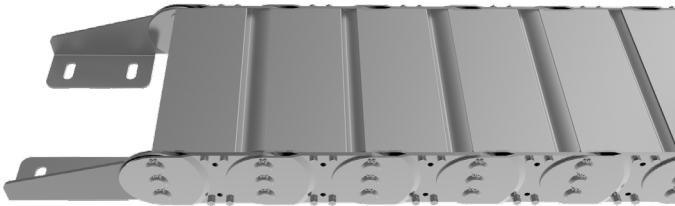
R150

Bending Radius



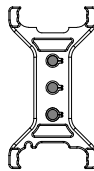
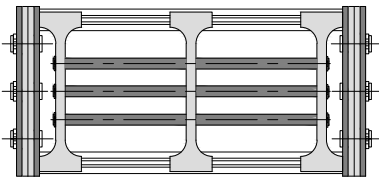
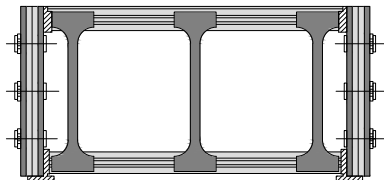
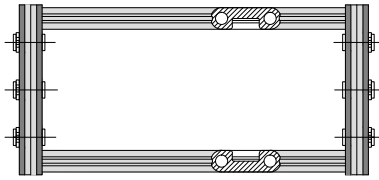
• *Plastic glides for long applications*

CS45 K	A	B _{min} - B _{max}	C	D _{min} - D _{max}	R
MODEL	<i>Inner Height (mm)</i>	<i>Inner Width (mm)-</i>	<i>Outer Height (mm)</i>	<i>Outer Width (mm)</i>	<i>Bending Radius</i>
CS45 K	45	80-600	63	102-622	150, 200, 250

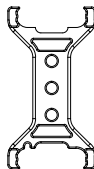
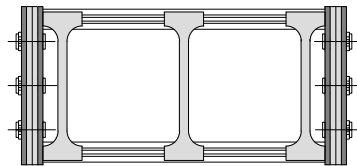


Vertical and Horizontal Separator Applications

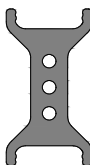
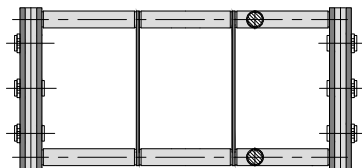
CS45 SP



Horizontal Separator Application



Plastic Vertical Separator Application

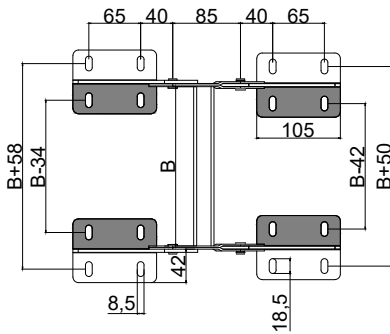


Steel Vertical Separator Application



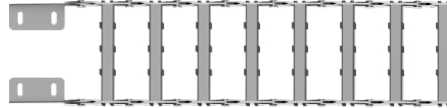
Steel End Bracket Assembly Dimensions

CS45 M



You will find the 'B' dimension from model table.

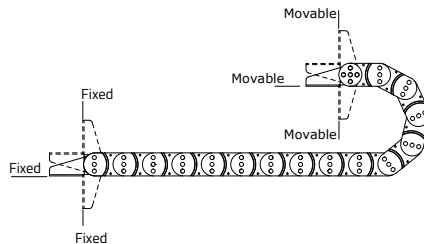
CS45 A-B



CS45 K



Steel End Bracket Assembly Application

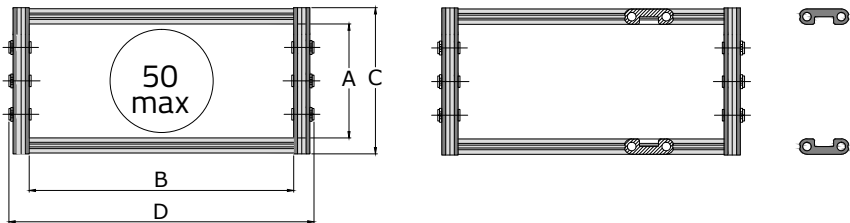


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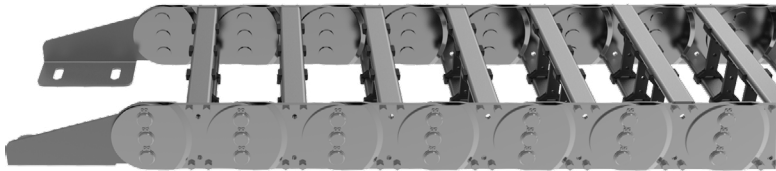
CS60 A-B-K SERIES

CS60 A Open Type Steel Series

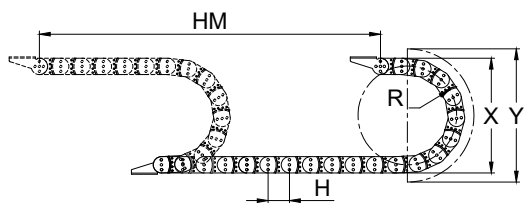
Product No. Example	CS60	A	200	R150
	Inner Height	Open Series	Inner Width	Bending Radius



CS60 A	A	B _{min} - B _{max}	C	D _{min} - D _{max}	R
MODEL	Inner Height (mm)	Inner Width (mm)-	Outer Height (mm)	Outer Width (mm)	Bending Radius
CS60 A	60	80-600	78	102-622	100, 150, 200, 250, 300, 400



CS60 A-B-K



L Calculation of the Chain Length

HM Travel/Movement Distance

X Mounting Height

Y Radius Distance

H Pitch

$$L = HM / 2 + Y$$

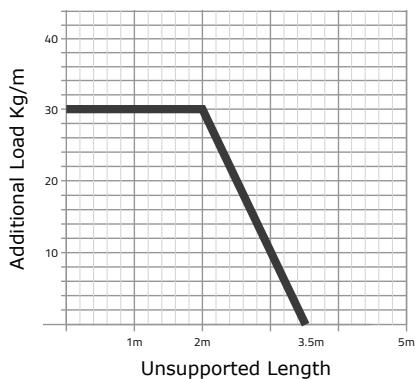
$$X = R \times 2 + C$$

$$Y = R \times \pi$$

Bending Radius	100	150	200	250	300	400
H (mm)	100	100	100	100	100	100
X (mm)	278	378	478	578	678	878
Y (mm)	314	471	628	785	942	1256

* The Closed type product radius is started from R200

LOAD DIAGRAM



CS60 B

Special Design Aluminium Steel Series

Product No. Example

CS60

Inner Height

B

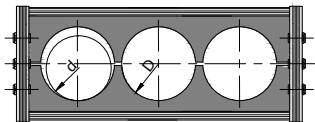
Special Design Series

200

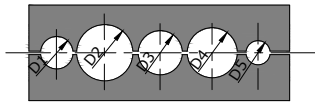
Inner Width

R150

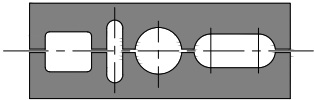
Bending Radius



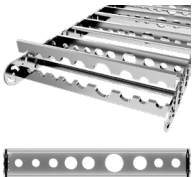
D_{max} 50 mm



Hole Stay With Individual Holes



Hole Stay With Horizontal and Vertical Elongated Holes



• Available special design for your cable and hose holes

CS60 B	A	B _{min} - B _{max}	C	D _{min} - D _{max}	R
MODEL	Inner Height (mm)	Inner Width (mm)-	Outer Height (mm)	Outer Width (mm)	Bending Radius
CS60 B	-	80-600	78	102-622	100, 150, 200, 250, 300, 400



CS60 A-B-K

CS60 K

Closed Steel Series With Aluminium Cover

Product No. Example

CS60

Inner Height

K

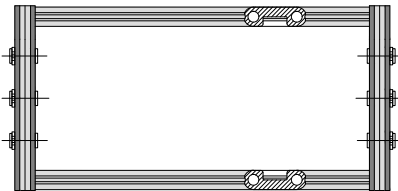
Closed Cover Series

200

Inner Width

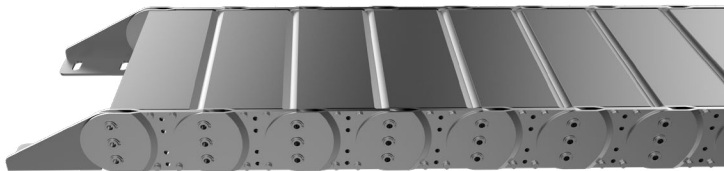
R200

Bending Radius



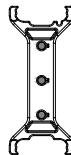
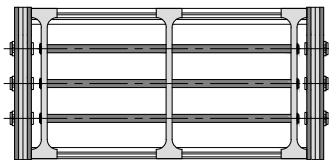
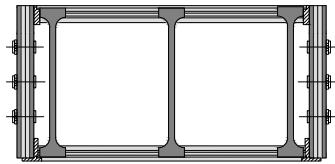
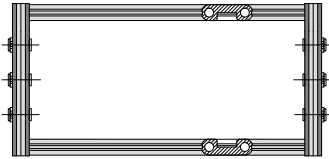
• Plastic glides for long applications

CS60 K	A	B _{min} - B _{max}	C	D _{min} - D _{max}	R
MODEL	<i>Inner Height (mm)</i>	<i>Inner Width (mm)-</i>	<i>Outer Height (mm)</i>	<i>Outer Width (mm)</i>	<i>Bending Radius</i>
CS60K	60	80-600	78	102-622	200, 250, 300, 400

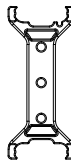
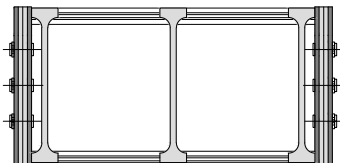


Vertical and Horizontal Separator Applications

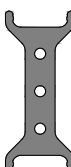
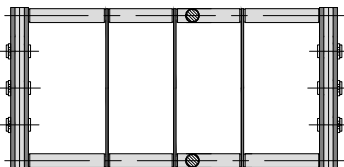
CS60 SP



Horizontal Separator Application



Plastic Vertical Separator Application



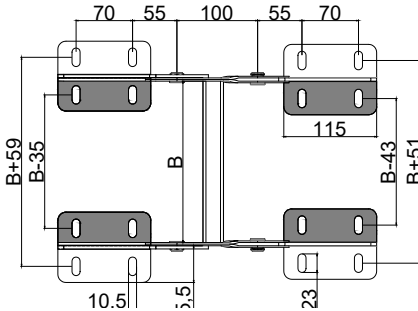
Steel Vertical Separator Application



CS60 A-B-K

Steel End Bracket Assembly Dimensions

CS60 M



You will find the 'B' dimension from model table.

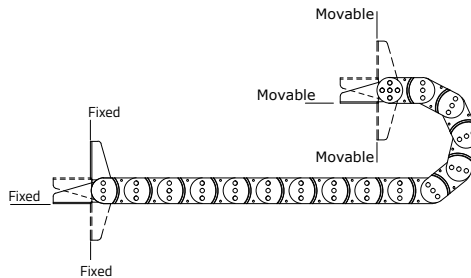
CS60 A-B



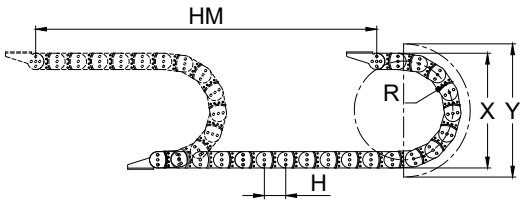
CS60 K



Steel End Bracket Assembly Application



Do not hesitate to contact with us to your special projects.



- L** Calculation of the Chain Length
- HM** Travel/Movement Distance
- X** Mounting Height
- Y** Radius Distance
- H** Pitch

$L = HM / 2 + Y$

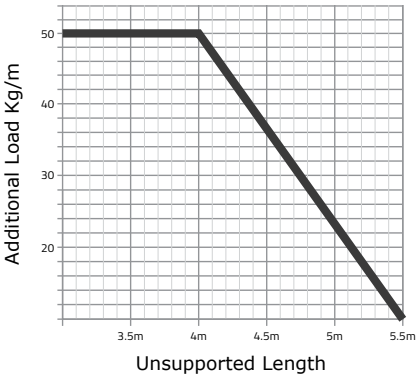
$X = R \times 2 + C$

$Y = R \times \pi$

Bending Radius	150	200	250	300	450
H (mm)	125	125	125	125	125
X (mm)	400	500	600	700	1000
Y (mm)	471	628	785	942	1413

* The Closed Cover type product radius starts from R200

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CS75 A-B-K SERIES

CS75 A Open Type Steel Series

Product No. Example

CS75

Inner Height

A

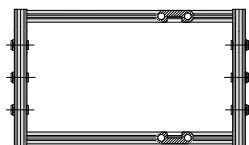
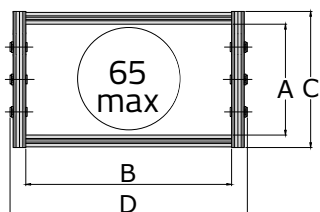
Open Series

200

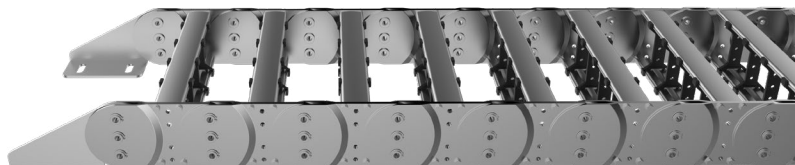
Inner Width

R150

Bending Radius



CS75 A	A	B _{min} - B _{max}	C	D _{min} - D _{max}	R
MODEL	Inner Height (mm)	Inner Width (mm)-	Outer Height (mm)	Outer Width (mm)	Bending Radius
CS75 A	75	100-800	97	132-832	150, 200, 250, 300, 450



CS75 B

Special Design Aluminium Steel Series

Product No. Example

CS75

Inner Height

B

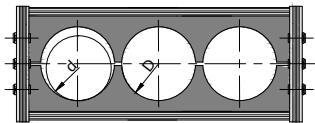
Special Design Series

200

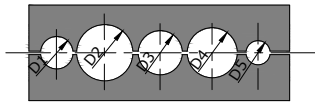
Inner Width

R150

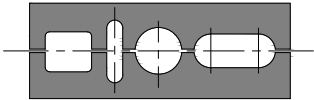
Bending Radius



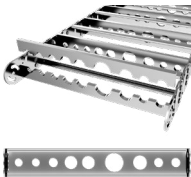
D_{max} 70 mm



Hole Stay With Individual Holes



Hole Stay With Horizontal and Vertical Elongated Holes



• Available special design for your cable and hose holes

CS75 B	A	B _{min} - B _{max}	C	D _{min} - D _{max}	R
MODEL	Inner Height (mm)	Inner Width (mm)-	Outer Height (mm)	Outer Width (mm)	Bending Radius
CS75 B	-	100-800	97	132-832	150, 200, 250, 300, 450



CS75 A-B-K

CS75 K

Closed Steel Series With Aluminium Cover

Product No. Example

CS75

Inner Height

K

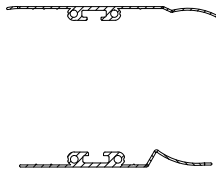
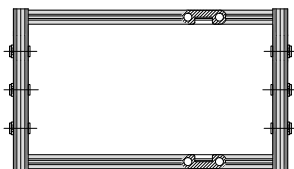
Closed Cover Series

200

Inner Width

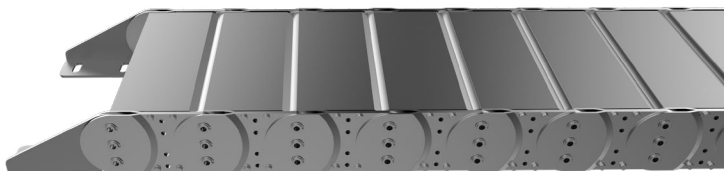
R250

Bending Radius



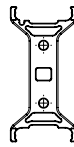
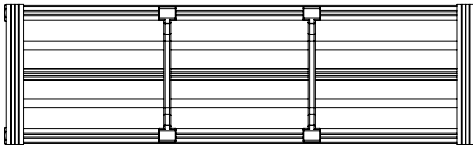
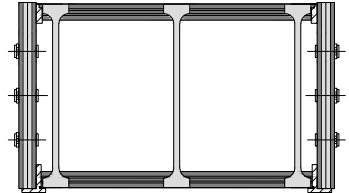
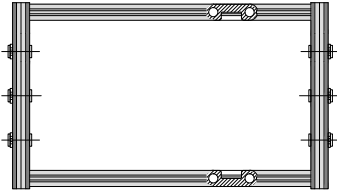
- Plastic glides for long applications

CS75 K	A	B _{min} - B _{max}	C	D _{min} - D _{max}	R
MODEL	Inner Height (mm)	Inner Width (mm)-	Outer Height (mm)	Outer Width (mm)	Bending Radius
CS75 K	75	100-800	97	132-832	200, 250, 300, 450

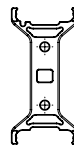
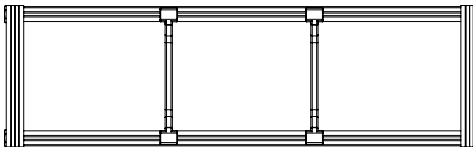


Vertical and Horizontal Separator Applications

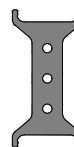
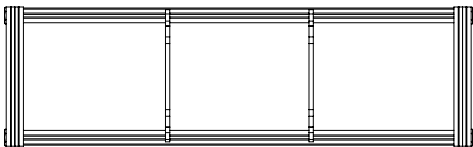
CS75 SP



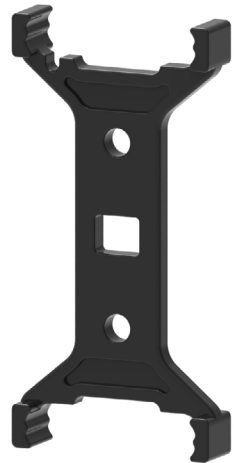
Horizontal Separator Application



Plastic Vertical Separator Application

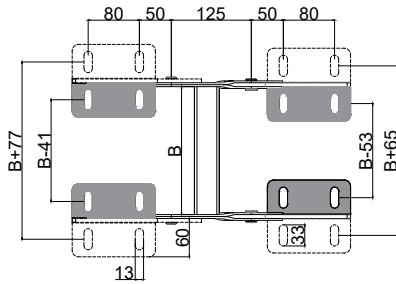


Steel Vertical Separator Application



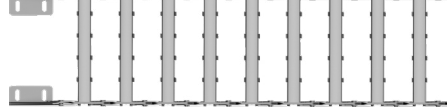
Steel End Bracket Assembly Dimensions

CS75 M



You will find the 'B' dimension from model table.

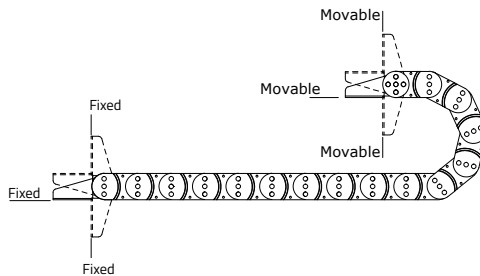
CS75 A-B



CS75 K



Steel End Bracket Assembly Application

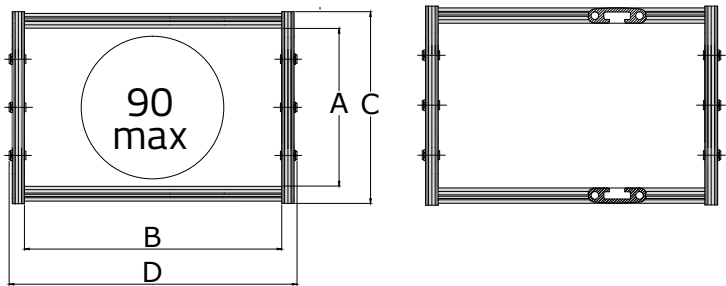


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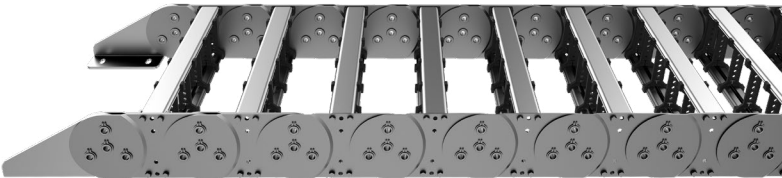
CS110 A-B-K SERIES

CS110 A Open Type Steel Series

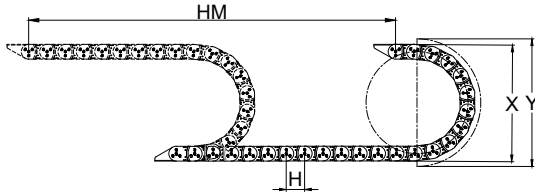
Product No. Example	CS110	A	400	R250
	Inner Height	Open Series	Inner Width	Bending Radius



CS110 A	A	B _{min} - B _{max}	C	D _{min} - D _{max}	R
MODEL	Inner Height (mm)	Inner Width (mm)-	Outer Height (mm)	Outer Width (mm)	Bending Radius
CS110 A	110	200-1000	145	232-1032	250, 300, 350, 400, 500, 600, 800, 1000



CS110 A-B-K



L Calculation of the Chain Length

HM Travel/Movement Distance

X Mounting Height

Y Radius Distance

H Pitch

$$L = HM / 2 + Y$$

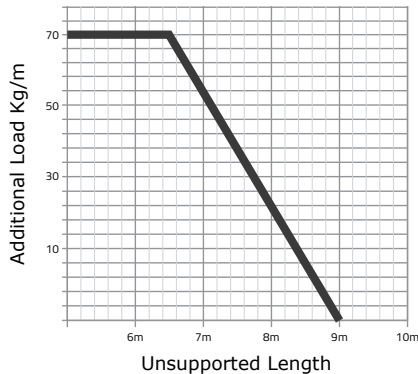
$$X = R \times 2 + C$$

$$Y = R \times \pi$$

Bending Radius	250	300	350	400	500	600	800	1000
H (mm)	180	180	180	180	180	180	180	180
X (mm)	645	745	845	945	1145	1345	1745	2145
Y (mm)	785	942	1099	1256	1570	1884	2512	3140

* The Closed Cover type product radius starts from R400

LOAD DIAGRAM

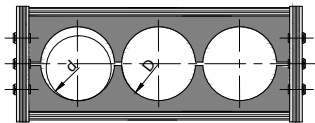


CS110 B

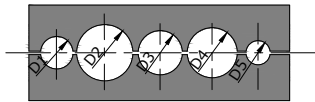
Special Design Aluminium Steel Series

Product No. Example **CS110** **B** **500** **R400**

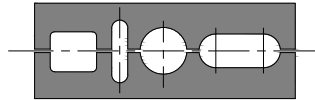
Inner Height Special Design Series Inner Width Bending Radius



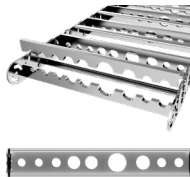
D_{max} 70 mm



Hole Stay With Individual Holes

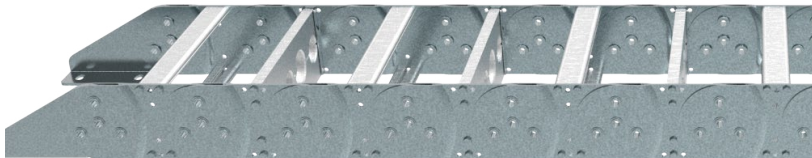


Hole Stay With Horizontal and Vertical Elongated Holes



• Available special design for your cable and hose holes

CS110 B	A	B _{min} - B _{max}	C	D _{min} - D _{max}	R
MODEL	Inner Height (mm)	Inner Width (mm)-	Outer Height (mm)	Outer Width (mm)	Bending Radius
CS110 B	-	200-1000	145	232-1032	250, 300, 350, 400, 500, 600, 800, 1000



CS110 A-B-K

CS110 K

Closed Steel Series With Aluminium Cover

Product No. Example

CS110

Inner Height

K

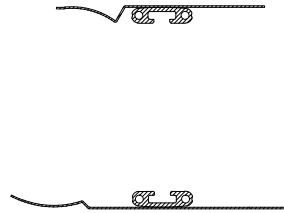
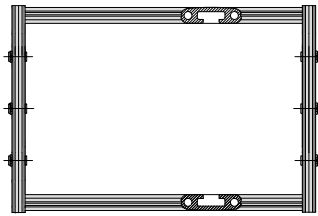
Closed Cover Series

500

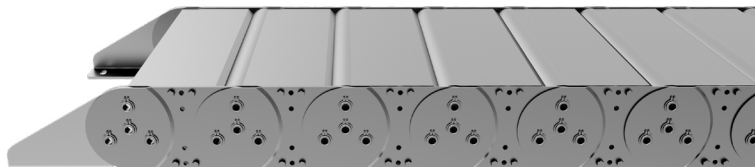
Inner Width

R400

Bending Radius

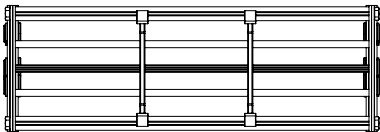
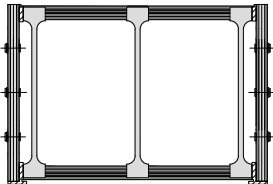
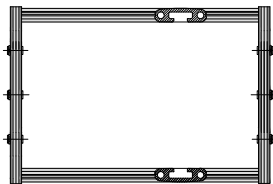


CS110 K	A	B _{min} - B _{max}	C	D _{min} - D _{max}	R
MODEL	<i>Inner Height (mm)</i>	<i>Inner Width (mm)-</i>	<i>Outer Height (mm)</i>	<i>Outer Width (mm)</i>	<i>Bending Radius</i>
CS110 K	110	200-1000	145	232-1032	400, 500, 600, 800, 1000

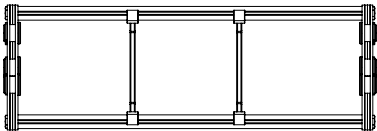
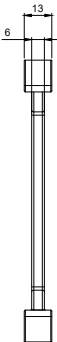
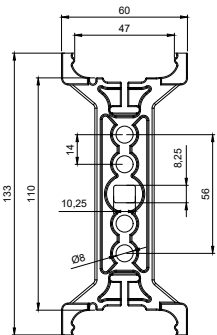
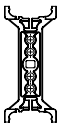


Vertical and Horizontal Separator Applications

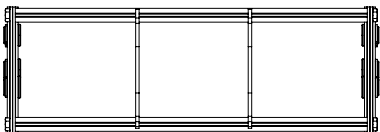
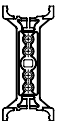
CS110 SP



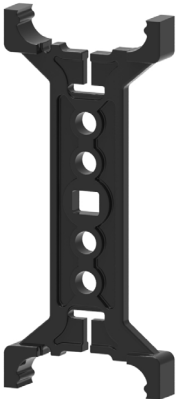
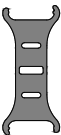
Horizontal Separator Application



Plastic Vertical Separator Application



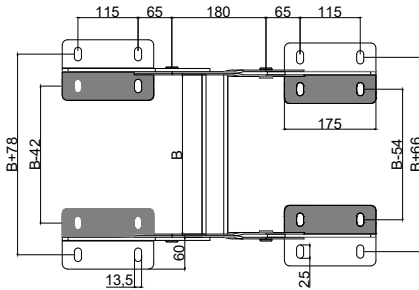
Steel Vertical Separator Application



CS110 A-B-K

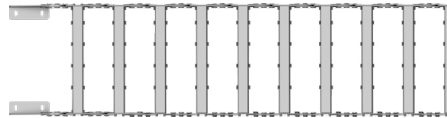
Steel End Bracket Assembly Dimensions

CS110 M

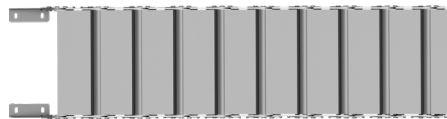


You will find the 'B' dimension from model table.

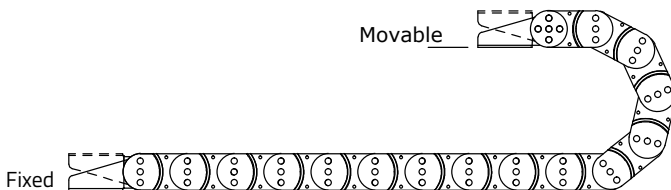
CS110 A-B



CS110 K



Steel End Bracket Assembly Application



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CS180 A-B-K SERIES

CS180 A Open Type Steel Series

Product No. Example

CS180

A

600

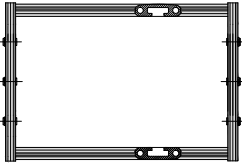
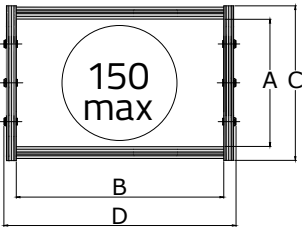
R800

Inner Height

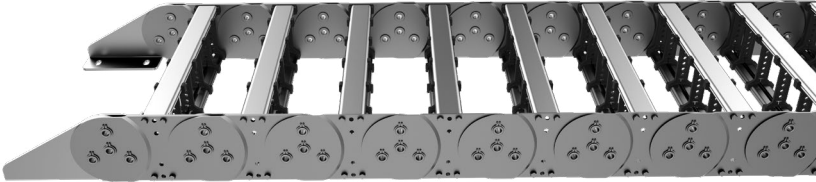
Open Series

Inner Width

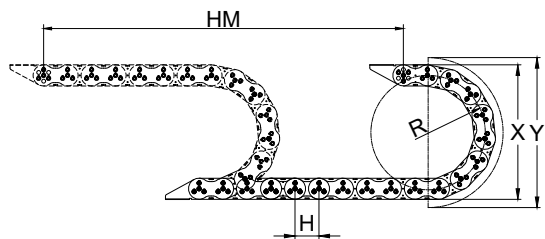
Bending Radius



CS180 A	A	B _{min} - B _{max}	C	D _{min} - D _{max}	R
MODEL	Inner Height (mm)	Inner Width (mm)	Outer Height (mm)	Outer Width (mm)	Bending Radius
CS180 A	180	250-1500	220	295-1545	400, 500, 600, 700, 800, 900, 1100, 1400



CS180 A-B-K



- L** Calculation of the Chain Length
- HM** Travel/Movement Distance
- X** Mounting Height
- Y** Radius Distance
- H** Pitch

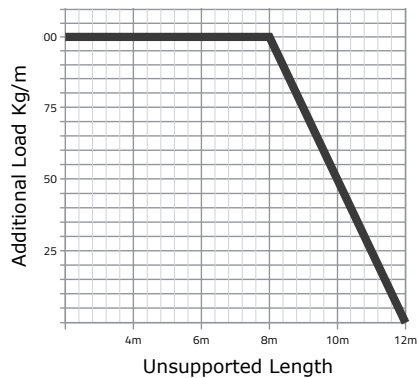
$L = HM / 2 + Y$

$X = R \times 2 + C$

$Y = R \times \pi$

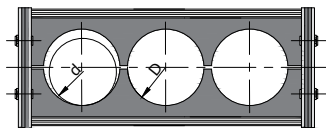
Bending Radius	400	500	600	700	800	900	1100	1400
H (mm)	250	250	250	250	250	250	250	250
X (mm)	1020	1220	1420	1620	1820	2020	2420	3020
Y (mm)	1256	1570	1884	2198	2512	2826	3454	4396

LOAD DIAGRAM

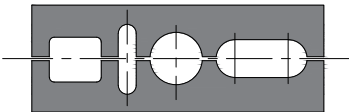


CS180 B

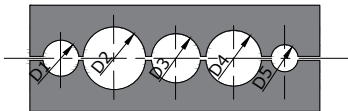
Special Design Aluminium Steel Series



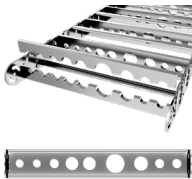
D_{max} 160 mm



Hole Stay With Horizontal and Vertical Elongated Holes

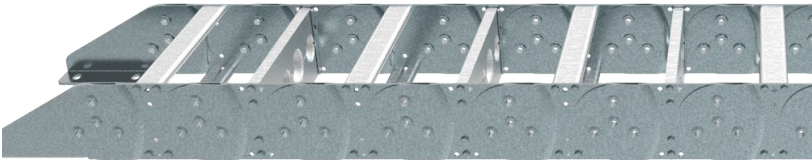


Hole Stay With Individual Holes



• Available special design for your cable and hose holes

CS180 B	A	B _{min} - B _{max}	C	D _{min} - D _{max}	R
MODEL	Inner Height (mm)	Inner Width (mm)	Outer Height (mm)	Outer Width (mm)	Bending Radius
CS180 B	-	250-1500	220	295-1545	400, 500, 600, 700, 800, 900, 1100, 1400



CS180 A-B-K

CS180 K

Closed Series With Steel Covered

Product No. Example

CS180

K

500

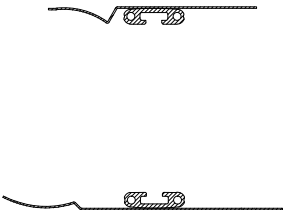
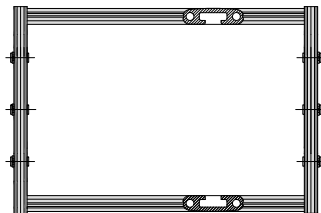
R400

Inner Height

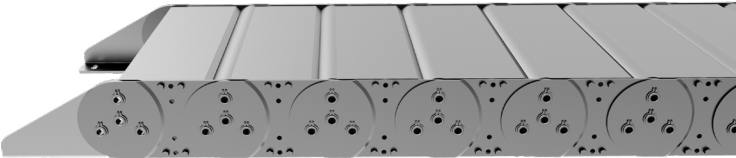
Closed Cover Series

Inner Width

Bending Radius

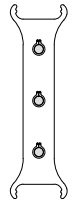
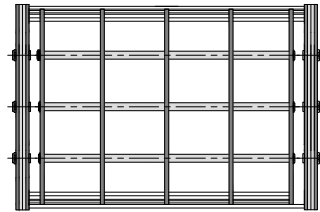
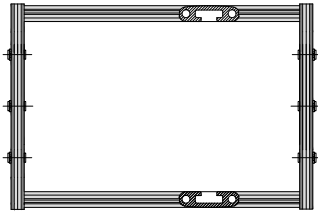


CS180 K	A	B _{min} - B _{max}	C	D _{min} - D _{max}	R
MODEL	Inner Height (mm)	Inner Width (mm)	Outer Height (mm)	Outer Width (mm)	Bending Radius
CS180 K	180	250-1500	220	295-1545	400, 500, 600, 700, 800, 900, 1100, 1400

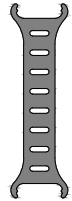
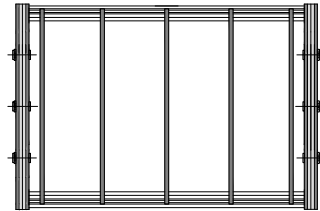


Vertical and Horizontal Separator Applications

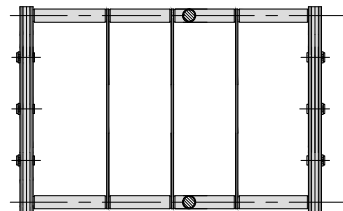
CS180 SP



Horizontal Separator Application



Steel Vertical Separator Application

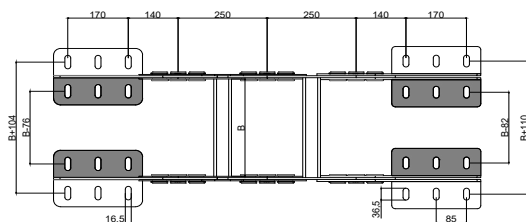


Steel Vertical Separator Application

CS180 A-B-K

Steel End Bracket Assembly Dimensions

CS180 M



You will find the 'B' dimension from model table.

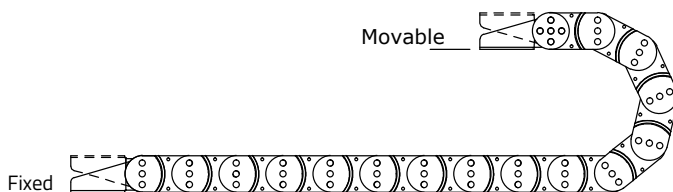
CS180 A-B



CS180 K



Steel End Bracket Assembly Application

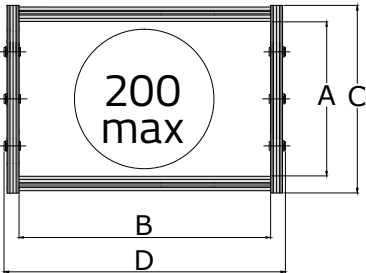


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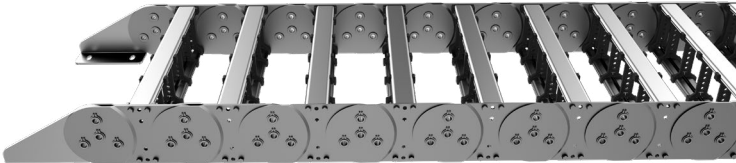
CS250 A-B SERIES

CS250 A Open Type Steel Series

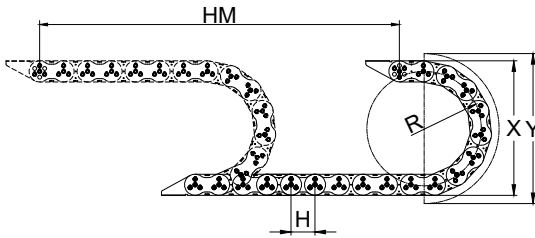
Product No. Example	CS250	A	600	R800
	<i>Inner Height</i>	<i>Open Series</i>	<i>Inner Width</i>	<i>Bending Radius</i>



CS250 A	A	B _{min} - B _{max}	C	D _{min} - D _{max}	R
MODEL	<i>Inner Height (mm)</i>	<i>Inner Width (mm)</i>	<i>Outer Height (mm)</i>	<i>Outer Width (mm)</i>	<i>Bending Radius</i>
CS250 A	250	250-1500	290	295-1545	500, 600, 700, 800, 900, 1100, 1400



CS250 A-B



L Calculation of the Chain Length

HM Travel/Movement Distance

X Mounting Height

Y Radius Distance

H Pitch

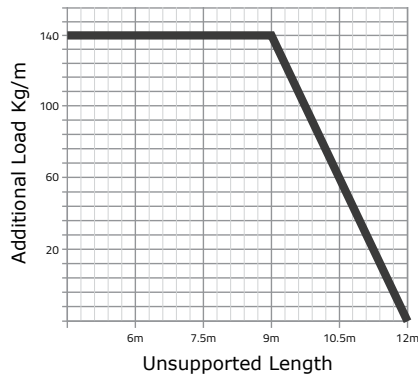
$$L = HM / 2 + Y$$

$$X = R \times 2 + C$$

$$Y = R \times \pi$$

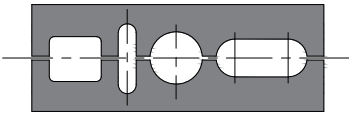
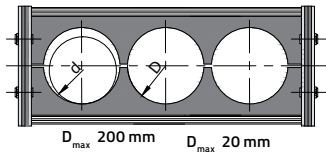
Bending Radius	500	600	700	800	900	1100	1400
H (mm)	320	320	320	320	320	320	320
X (mm)	1220	1420	1620	1820	2020	2420	3020
Y (mm)	1570	1884	2198	2512	2826	3454	4396

LOAD DIAGRAM

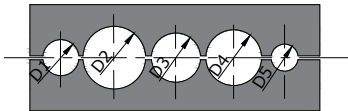


CS250 B Special Design Aluminium Steel Series

Product No. Example **CS250** **B** **600** **R800**
Inner Height *Special Design* *Inner Width* *Bending Radius*



Hole Stay With Horizontal and Vertical Elongated Holes

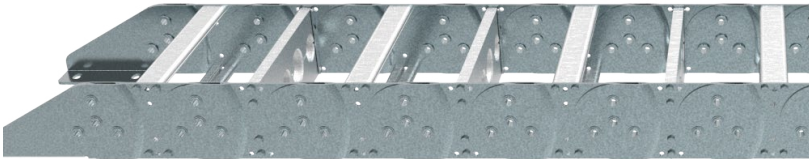


Hole Stay With Individual Holes



• Available special design for your cable and hose holes

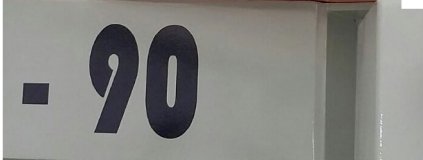
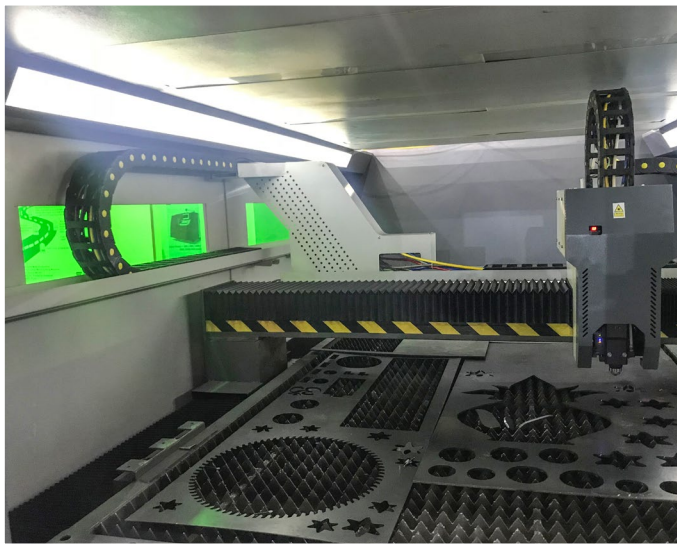
CS250 B	A	B _{min} - B _{max}	C	D _{min} - D _{max}	R
MODEL	Inner Height (mm)	Inner Width (mm)	Outer Height (mm)	Outer Width (mm)	Bending Radius
CS250 B	-	250-1500	290	295-1545	500, 600, 700, 800, 900, 1100, 1400



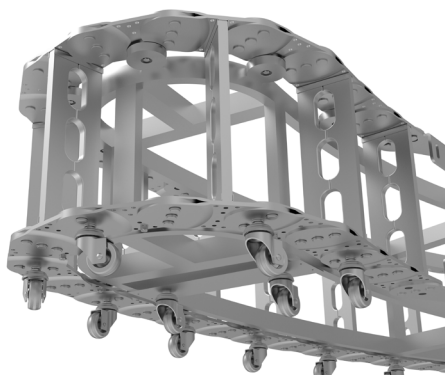
Hennig Cable Carriers
www.hennigworldwide.com
Tel: +1 815 636 9900
Toll free: +1 888 436 6446
Fax: +1 815 636 9737

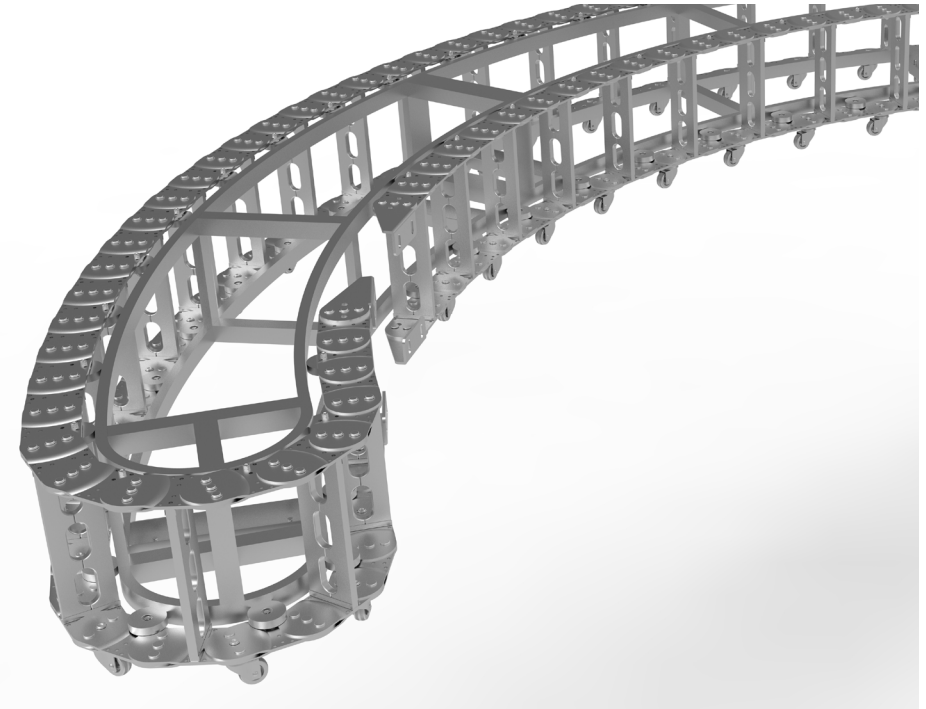
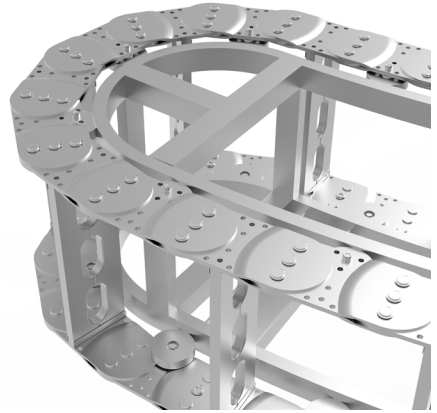
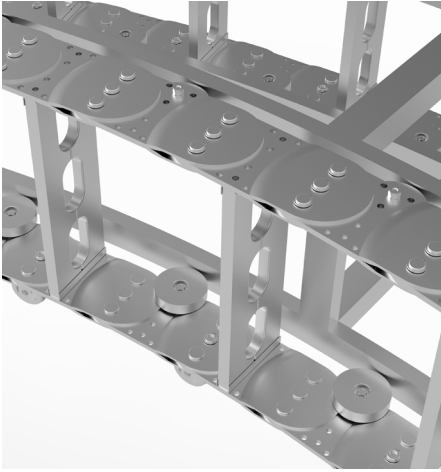


APPLICATIONS



APPLICATIONS





FACILITIES & CONTACTS

 **HENNIG®**

-  Headquarters / Manufacturing / Distribution / Service Center
-  Manufacturing / Distribution / Service Center
-  Manufacturing / Distribution
-  Sales Partner
-  Service Center

1 Hennig, Inc.
Global Headquarters
9900 North Alpine Road
Machesney Park, IL 61115
P: + 01 815-636-9900
F: + 01 815-636-1988
info@hennig-inc.com

2 Hennig, Inc.
Oklahoma Service Center
900395 S. 3420 Road
Chandler, OK 74834
P: + 01 405-258-6702
F: + 01 405-258-9971
info@hennig-inc.com

3 Hennig, Inc.
Michigan Service Center
11879 Brookfield Road
Livonia, MI 48150
P: + 01 734-523-8274
F: + 01 855-427-1549
info@hennig-inc.com

4 Hennig, Inc.
Ohio Service Center
11431 Williamson Road
Blue Ash, OH 45241
P: + 01 513-247-0838
F: + 01 513-247-0840
info@hennig-inc.com

5 Cobsen Ltda.
R. Benedito Mazulquim, 425
18550-000 Boituva CEP, Brazil
P: + 55 15 3263-4042
F: + 55 15 3263-4070
cobsen@cobsen.com.br



6 Hennig GmbH
European Headquarters
 Überrheinerstrasse 5
 85551 Kirchheim, Germany
 P: + 49 89 96096-0
 F: + 49 89 96096-120
info@hennig-gmbh.de

7 Hennig CZ s.r.o.
 Klánovická 334
 250 82 Úvaly, Czech Republic
 P: + 420 2810 91610
 F: + 420 2810 91625
info@hennig-cz.com

8 Hennig France sas
 19, rue de Rebrillon
 03300 Creuzier-le-Neuf, France
 P: + 33 470 58 4740
 F: + 33 470 58 0022
contact@hennig-france.com

9 Hennig U.K. Ltd.
 Unit 6, Challenge Close
 Coventry CV1 5JG,
 United Kingdom
 P: + 44 24 76555690
 F: + 44 24 76256591
sales@henniguk.com

10 Hennig BH doo.
 Ciljuge II bb – poslovnna zona
 75270 Zivinice,
 Bosnia Herzegovina
 P: + 387 35 95 1876
kontakt@hennig-bh.com

11 B & S Industrieel Onderhoud
 Zirkoonstraat 7, 7554 TT
 Hengelo (Ov.)
 Postbus 69
 7550 AB Hengelo (Ov.),
 Netherlands
 P: + 31 74 8510600
 F: + 31 74 8510605
hinders@bs.nl

12 Svenska Maskinkomponenter AB
 Brunnssäkersvägen 9
 64593 Strängnäs, Sweden
 P: + 46 8 53470770
 F: + 46 8 53470775
info@svemako.se

13 Osung Mechatronics Co. Ltd.
 Jinbuk-myun Shincon-li 413-2
 Gyeongnam Masan-city,
 South Korea
 P: + 82 55 271 1821
 F: + 82 55 271 1820
osgjeon@naver.com

14 Enomoto BeA Co., Ltd.
 5-10 Sohara Koa-Cho
 Kakamigahara-Shi,
 Gifu 504-8551, Japan
 P: + 81 583 832178
 F: + 81 583 897435
kashida@enomotoweb.com



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9900 North Alpine Road
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