

CL

Bridge type aluminium and plastic Cable Chain  
CL桥式铝塑拖链

## CL桥式铝塑拖链

CL Bridge type aluminium and plastic Cable Chain

### 价格指数 Price index



可根据客户需求提供防火材料  
Fire-proof materials are available if customized

可根据客户需求提供防静电材料  
Anti-static materials are available if customized

### 功能特点 Features & Benefits

- 横杆为铝杆
- 阻燃等级UL94 V-2
- 配有双侧独立式接头
- 外形设计美观、简洁、大方
- 耐摩擦、耐腐蚀，滑行应用
- 可以组装成“S”型拖链
- Crossbars are aluminum
- Flammability class UL94 V-2
- Separate mounting bracket with tie warp plate on both side
- Beautiful and decent appearance design
- Anti-corrosion, Rub-resistance, Gliding application
- Assembled as S-shaped chain

### CL40拖链的适用场合 Application

- 震动较大,有扭曲现象
- 弯曲半径较大,方向可变
- 磨损较大,且要求承重较重
- 反向弯曲半径
- 长距离运行
- For high vibrations and twisty situation
- For large bending radius and changing directions
- For large wear and high loading situation
- For opposite direction bending
- For longer stroke

### CL40拖链的不适用场合 Not applicable

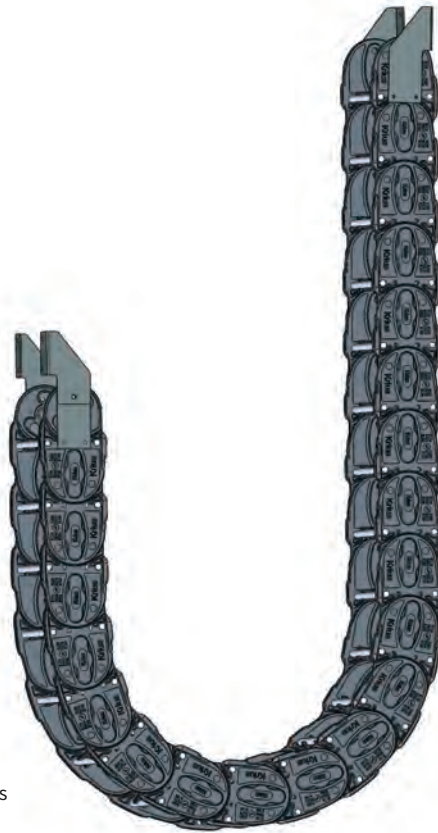
- 环境较脏
- Not for dirty environment

### 订购示例-整条拖链 Order details-integrated chain

请注明拖链长度或者链节数 如: 1米或14节 Please mark the length or link number, such as 1 meter or 14 links

**CL40100\*R100\*1000\*2** **CL40100\*R100\*1000\*2**  
(2条长度1米的拖链, 每隔1个链节, 装2个竖隔片) (2 pieces of 1-meter-long cable chain, two vertical separators on every link)

**CL40100\*B\*T1\*1+C型槽** **CL40100\*B\*T1\*1+C型槽**  
(1副接头, T1安装方式) (1 piece of connector, T1 installation method, with C rail)

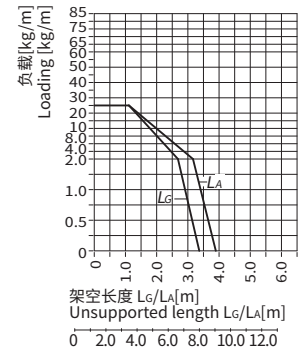
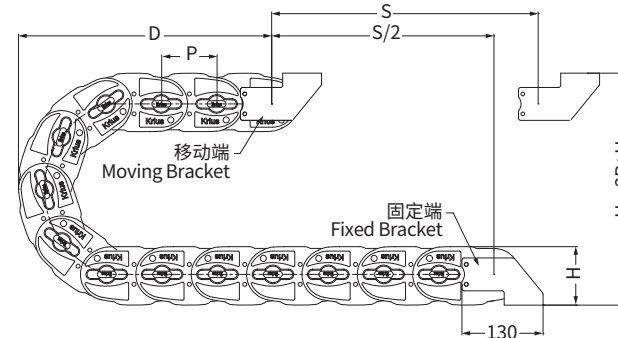
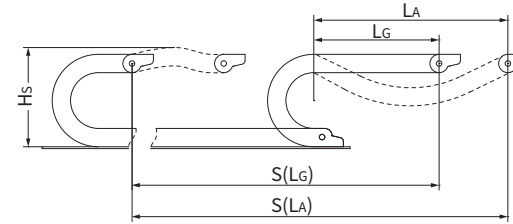


## CL40 拖链-安装尺寸及技术参数

CL40 Cable Chain-Installation Dimensions and Technical Parameters

### 架空长度 Unsupported length

- L<sub>G</sub>=直线架空长度 · L<sub>G</sub>=Unsupported with straight upper run
- L<sub>A</sub>=安全塌腰架空长度 · L<sub>A</sub>=Unsupported with permitted sag



- 行程长度 S[m]  
Length of travel S[m]
- S = 行程长度
- R = 弯曲半径
- P = 节距
- L = 拖链长度
- N = 每米链节数
- H<sub>L</sub> = 理论安装高度
- H<sub>s</sub> = 实际安装高度
- D = 拖链退回极限位置时的最小距离
- K = √(L · R + 2P)
- \* K值可在科瑞斯相关表格中直接查得
- S = Length of travel
- R = Bending radius
- P = Pitch
- L = Length of chain
- N = Links per meter
- H<sub>L</sub> = Nominal clearance height
- H<sub>s</sub> = Required clearance height
- D = Overlength energy chain radius in final position
- K = √(L · R + 2P)
- \* You can find it from below chart for more details

R	H <sub>L</sub>	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
75 (2.95)	219 (8.62)	160 (6.30)	375 (14.76)	70 (2.76)
100 (3.94)	269 (10.59)	210 (8.27)	455 (17.91)	70 (2.76)
125 (4.92)	319 (12.56)	260 (10.24)	530 (20.87)	70 (2.76)
150 (5.91)	369 (14.53)	310 (12.20)	610 (24.02)	70 (2.76)
200 (7.87)	469 (18.46)	410 (16.14)	770 (30.31)	70 (2.76)
250 (9.84)	569 (22.40)	510 (20.08)	925 (36.42)	70 (2.76)

实际安装高度: H<sub>s</sub>=H<sub>L</sub>+70mm

拖链长度: L=S/2+K (固定端在中间)

每米链节数: N=14 (980mm)

The required clearance height: H<sub>s</sub>=H<sub>L</sub>+2.76in.

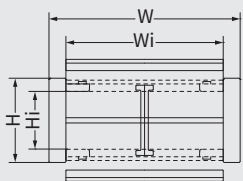
Chain length: L=S/2+K (Fixed end in the middle)

Links per meter: N=14 (38.58 in.)

技术参数 Technical Parameters		
速度/加速度 L <sub>G</sub>	Speed/acceleration L <sub>G</sub>	max.20[m/s]/max.200[m/s <sup>2</sup> ]
速度/加速度 L <sub>A</sub>	Speed/acceleration L <sub>A</sub>	max.3[m/s]/max.6[m/s <sup>2</sup> ]
滑行速度/加速度	Gliding speed/acceleration	max.12[m/s]/max.50[m/s <sup>2</sup> ]
材料-允许温度°C	Material-permitted temperature	Reinforce PA/-40°C至+125°C
阻燃等级, 增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

## CL40 拖链-产品规格范围 CL40 Cable Chain-Product specifications

CL40拖链-铝杆长度可订制 CL40 Cable Chain-The Al bar length can be customized



产品代码结构  
Part Number Structure

CL40100\*R\*L\*n

- 数量 (Quantity)
- 拖链长度 (Length of Cable chains)
- 弯曲半径 (Bending Radius)
- 内宽 (Inner Width)
- 型号 (Type)



此表中括号内数据为英寸 The unit for all of the figures are inches

型号 Type	弯曲半径<R> Bending radius	内高<Hi> Inner height	内宽<Wi> Inner width	外高<H> Outer height	外宽<W> Outer Width	重量<G> Weight	备注 Remark
	mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)	kg/m (lbs/ft)	
CL40		40 (1.57)	80~400 (3.15~15.75)	69 (2.72)	122~442 (4.80~17.40)		铝杆长度可在内宽范围内进行订制 The Al bar length can be customized with in the limits of below the inner width

订货范例  
Order details

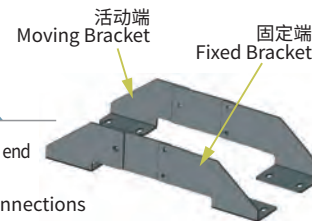
CL40100 \* R100 \* 1000mm \* 2

R	H <sub>L</sub>	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
75 (2.95)	219 (8.62)	160 (6.30)	375 (14.76)	70 (2.76)
100 (3.94)	269 (10.59)	210 (8.27)	455 (17.91)	70 (2.76)
125 (4.92)	319 (12.56)	260 (10.24)	530 (20.87)	70 (2.76)
150 (5.91)	369 (14.53)	310 (12.20)	610 (24.02)	70 (2.76)
200 (7.87)	469 (18.46)	410 (16.14)	770 (30.31)	70 (2.76)
250 (9.84)	569 (22.40)	510 (20.08)	925 (36.42)	70 (2.76)

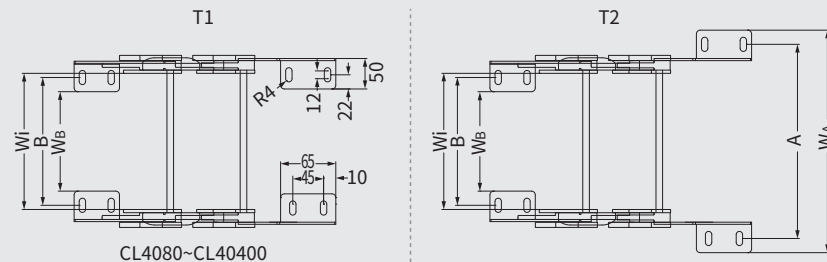
## CL40 拖链-拖链接头 CL40 Cable Chain-Mounting Bracket

钢制接头, 分体式 Steel Mounting Bracket, Splited structure

- 双侧独立式钢制接头 · Independent Steel mounting bracket on the two end
- 耐腐蚀 & 耐摩擦 · Anti-corrosion, Rub-resistance
- 可实现内外连接 · Can realize the internal and external connections



接头安装方式 Installation methods



拖链型号 Type	主体编码 Main body code	A尺寸 Dimension A	Wa尺寸 Dimension Wa	B尺寸 Dimension B	Wb尺寸 Dimension Wb	备注 Remark
		mm	mm	mm	mm	
CL40	13002	(Wi+80)	(Wi+124)	(Wi-26)	(Wi-70)	可订制 Customized

产品代码结构 Part Number Structure

CL40100\*A+B

- 安装方式 (Installation Methods)
- 内宽 (Inner Width)
- 型号 (Type)

CL40100\*B\*n

两端接头  
On both brackets

CL40100\*f\*n

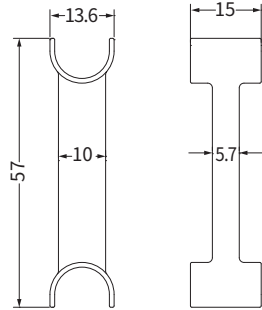
固定端接头  
Fixed bracket

CL40100\*m\*n

活动端接头  
Moving bracket

★ 每款拖链的接头都有所不同, 订购时如有任何疑问, 请及时咨询科瑞斯。  
Every bracket is different, please contact us if you have any question.

### CL40 拖链-隔离片 CL40 Cable Chain-Separator



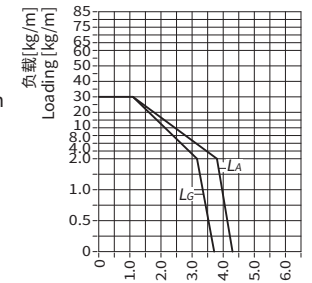
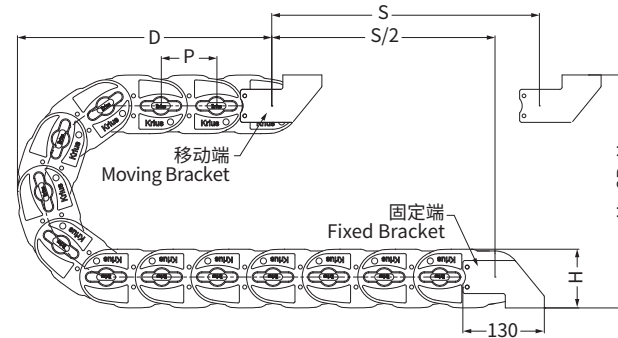
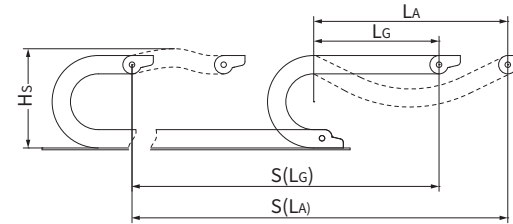
CL40拖链隔离片编码:11006  
The separator No. for CL40: 11006

- 本款拖链可供选配的隔离片为竖隔片,可以实现垂直分隔
- 竖隔片的数量可以根据客户的实际需求进行配备,可以每隔一个链节装一个,也可以每隔一个链节装几个,客户可任意配备
- 竖隔片安装完成后,可以根据线缆排布进行滑动
- Vertical separators are used in this type to realize vertical subdivision
- Vertical separators can be set up as customers' requires
- Separator can be moved for different cable

### CL46 拖链-安装尺寸及技术参数 CL46 Cable Chain-Installation Dimensions and Technical Parameters

#### 架空长度 Unsupported length

- $L_G$ =直线架空长度 ·  $L_G$ =Unsupported with straight upper run
- $L_A$ =安全塌腰架空长度 ·  $L_A$ =Unsupported with permitted sag



架空长度  $L_G/L_A$ [m]  
Unsupported length  $L_G/L_A$ [m]

行程长度 S[m]  
Length of travel S[m]

S = 行程长度  
R = 弯曲半径  
P = 节距  
L = 拖链长度  
N = 每米链节数  
HL = 理论安装高度  
Hs = 实际安装高度  
D = 拖链退回极限位置时的最小距离  
K =  $\sqrt{L \cdot R + 2P}$   
\* K值可在科瑞斯相关表格中直接查询

S = Length of travel  
R = Bending radius  
P = Pitch  
L = Length of chain  
N = Links per meter  
HL = Nominal clearance height  
Hs = Required clearance height  
D = Overlength energy chain radius in final position  
K =  $\sqrt{L \cdot R + 2P}$   
\* You can find it from below chart for more details

R	HL	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
75 (2.95)	229 (9.02)	160 (6.30)	390 (15.35)	78 (3.07)
100 (3.94)	279 (10.98)	210 (8.27)	470 (18.50)	78 (3.07)
125 (4.92)	329 (12.95)	260 (10.24)	550 (21.65)	78 (3.07)
150 (5.91)	379 (14.92)	310 (12.20)	625 (24.61)	78 (3.07)
200 (7.87)	479 (18.86)	410 (16.14)	785 (30.91)	78 (3.07)
250 (9.84)	579 (22.80)	510 (20.08)	940 (37.01)	78 (3.07)
280 (11.02)	639 (25.16)	570 (22.44)	1035 (40.75)	78 (3.07)
400 (15.75)	879 (34.61)	810 (31.89)	1410 (55.51)	78 (3.07)

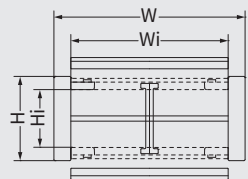
实际安装高度:  $H_s = HL + 80\text{mm}$   
拖链长度:  $L = S/2 + K$  (固定端在中间)  
每米链节数:  $N = 13$  (1014mm)

The required clearance height:  $H_s = HL + 3.15\text{in.}$   
Chain length:  $L = S/2 + K$  (Fixed end in the middle)  
Links per meter:  $N = 13$  (39.92 in.)

技术参数 Technical Parameters		
速度/加速度 $L_G$	Speed/acceleration $L_G$	max.20[m/s]/max.200[m/s <sup>2</sup> ]
速度/加速度 $L_A$	Speed/acceleration $L_A$	max.3[m/s]/max.6[m/s <sup>2</sup> ]
滑行速度/加速度	Gliding speed/acceleration	max.12[m/s]/max.50[m/s <sup>2</sup> ]
材料-允许温度°C	Material-permitted temperature	Reinforce PA/-40°C至+125°C
阻燃等级, 增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

## CL46 拖链-产品规格范围 CL46 Cable Chain-Product specifications

CL46拖链-铝杆长度可订制 CL46 Cable Chain-The Al bar length can be customized



产品代码结构  
Part Number Structure

CL46100\*R\*L\*n

- 数量 (Quantity)
- 拖链长度 (Length of Cable chains)
- 弯曲半径 (Bending Radius)
- 内宽 (Inner Width)
- 型号 (Type)



此表中括号内数据为英寸 The unit for all of the figures are inches

型号 Type	弯曲半径<R> Bending radius	内高<Hi> Inner height	内宽<Wi> Inner width	外高<H> Outer height	外宽<W> Outer Width	重量<G> Weight	备注 Remark
	mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)	kg/m (lbs/ft)	
CL46		46 (1.81)	80~400 (3.15~15.75)	79 (3.11)	126~446 (4.96~17.56)		铝杆长度可在内宽范围内进行订制 The Al bar length can be customized with in the limits of below the inner width

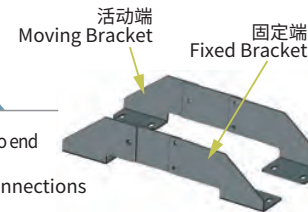
订货范例 Order details **CL46100 \* R100 \* 1000mm \* 2**

R	H <sub>L</sub>	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
75 (2.95)	229 (9.02)	160 (6.30)	390 (15.35)	78 (3.07)
100 (3.94)	279 (10.98)	210 (8.27)	470 (18.50)	78 (3.07)
125 (4.92)	329 (12.95)	260 (10.24)	550 (21.65)	78 (3.07)
150 (5.91)	379 (14.92)	310 (12.20)	625 (24.61)	78 (3.07)
200 (7.87)	479 (18.86)	410 (16.14)	785 (30.91)	78 (3.07)
250 (9.84)	579 (22.80)	510 (20.08)	940 (37.01)	78 (3.07)
280 (11.02)	639 (25.16)	570 (22.44)	1035 (40.75)	78 (3.07)
400 (15.75)	879 (34.61)	810 (31.89)	1410 (55.51)	78 (3.07)

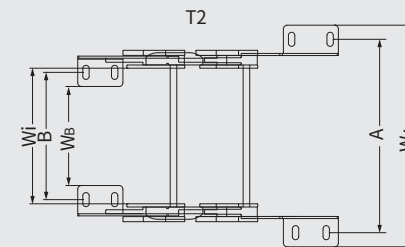
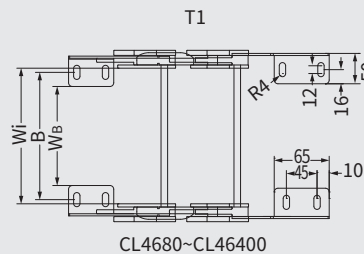
## CL46 拖链-拖链接头 CL46 Cable Chain-Mounting Bracket

钢制接头, 分体式 Steel Mounting Bracket, Splitted structure

- 双侧独立式钢制接头 · Independent Steel mounting bracket on the two end
- 耐腐蚀及耐摩擦 · Anti-corrosion, Rub-resistance
- 可实现内外连接 · Can realize the internal and external connections



接头安装方式 Installation methods



拖链型号 Type	主体编码 Main body code	A尺寸 Dimension A	Wa尺寸 Dimension Wa	B尺寸 Dimension B	Wb尺寸 Dimension Wb	备注 Remark
		mm	mm	mm	mm	
CL46	13002	(Wi+92)	(Wi+124)	(Wi-38)	(Wi-70)	可订制 Customized

产品代码结构 Part Number Structure

CL46100\*A+B

- 安装方式 (Installation Methods)
- 内宽 (Inner Width)
- 型号 (Type)

CL46100\*B\*n

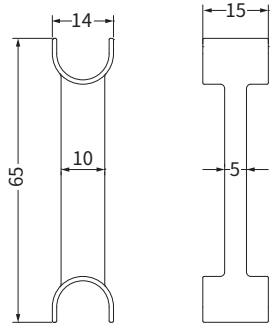
两端接头  
On both brackets

CL46100\*f\*n  
固定端接头  
Fixed bracket

CL46100\*m\*n  
活动端接头  
Moving bracket

★ 每款拖链的接头都有所不同, 订购时如有任何疑问, 请及时咨询科瑞斯。  
Every bracket is different, please contact us if you have any question.

### CL46 拖链-隔离片 CL46 Cable Chain-Separator



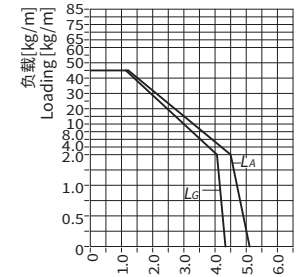
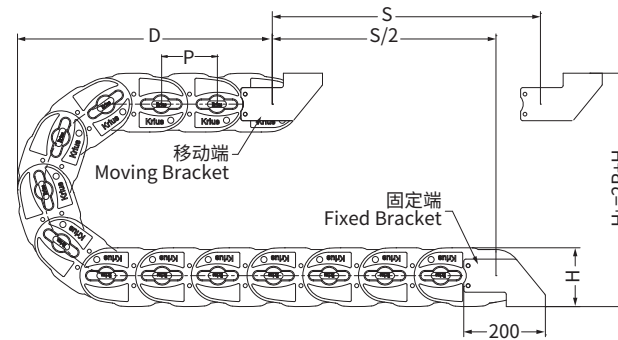
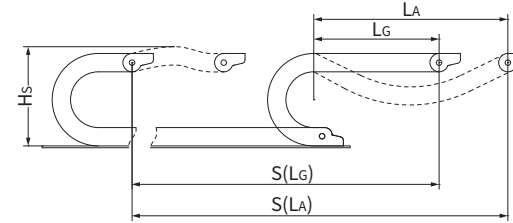
CL46拖链隔离片编码:11007  
The separator No. for CL46: 11007

- 本款拖链可供选配的隔离片为竖隔片,可以实现垂直分隔
- 竖隔片的数量可以根据客户的实际需求进行配备,可以每隔一个链节装一个,也可以每隔一个链节装几个,客户可任意配备
- 竖隔片安装完成后,可以根据线缆排布进行滑动
- Vertical separators are used in this type to realize vertical subdivision
- Vertical separators can be set up as customers' requires
- Separator can be moved for different cable

### CL66 拖链-安装尺寸及技术参数 CL66 Cable Chain-Installation Dimensions and Technical Parameters

#### 架空长度 Unsupported length

- $L_G$ =直线架空长度 ·  $L_G$ =Unsupported with straight upper run
- $L_A$ =安全塌腰架空长度 ·  $L_A$ =Unsupported with permitted sag



架空长度  $L_G/L_A$ [m]  
Unsupported length  $L_G/L_A$ [m]

行程长度  $S$ [m]  
Length of travel  $S$ [m]

$S$  = 行程长度  
 $R$  = 弯曲半径  
 $P$  = 节距  
 $L$  = 拖链长度  
 $N$  = 每米链节数  
 $H_L$  = 理论安装高度  
 $H_s$  = 实际安装高度  
 $K$  =  $\sqrt{L \cdot R + 2P}$   
\*  $K$ 值可在科瑞斯相关表格中直接查询

$S$  = Length of travel  
 $R$  = Bending radius  
 $P$  = Pitch  
 $L$  = Length of chain  
 $N$  = Links per meter  
 $H_L$  = Nominal clearance height  
 $H_s$  = Required clearance height  
 $D$  = Overlength energy chain radius in final position  
 $K = \sqrt{L \cdot R + 2P}$   
\* You can find it from below chart for more details

R	H <sub>L</sub>	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
150 (5.91)	406 (15.98)	310 (12.20)	670 (26.38)	99 (3.90)
200 (7.87)	506 (19.92)	410 (16.14)	825 (32.48)	99 (3.90)
250 (9.84)	606 (23.86)	510 (20.08)	985 (38.78)	99 (3.90)
300 (11.81)	706 (27.80)	610 (24.02)	1140 (44.88)	99 (3.90)
350 (13.78)	806 (31.73)	710 (27.95)	1300 (51.18)	99 (3.90)
400 (15.75)	906 (35.67)	810 (31.89)	1455 (57.28)	99 (3.90)
500 (19.69)	1106 (43.54)	1010 (39.76)	1770 (69.69)	99 (3.90)

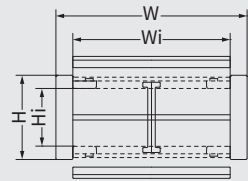
实际安装高度:  $H_s = H_L + 100\text{mm}$   
拖链长度:  $L = S/2 + K$  (固定端在中间)  
每米链节数:  $N = 10$  (990mm)

The required clearance height:  $H_s = H_L + 3.94\text{in.}$   
Chain length:  $L = S/2 + K$  (Fixed end in the middle)  
Links per meter:  $N = 10$  (38.98 in.)

技术参数 Technical Parameters		
速度/加速度 $L_G$	Speed/acceleration $L_G$	max.20[m/s]/max.200[m/s <sup>2</sup> ]
速度/加速度 $L_A$	Speed/acceleration $L_A$	max.3[m/s]/max.6[m/s <sup>2</sup> ]
滑行速度/加速度	Gliding speed/acceleration	max.12[m/s]/max.50[m/s <sup>2</sup> ]
材料-允许温度°C	Material-permitted temperature	Reinforce PA/-40°C至+125°C
阻燃等级, 增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

### CL66 拖链-产品规格范围 CL66 Cable Chain-Product specifications

CL66拖链-铝杆长度可订制 CL66 Cable Chain-The Al bar length can be customized



产品代码结构  
Part Number Structure

CL66100\*R\*L\*n

- └─ 数量 (Quantity)
- └─ 拖链长度 (Length of Cable chains)
- └─ 弯曲半径 (Bending Radius)
- └─ 内宽 (Inner Width)
- └─ 型号 (Type)



此表中括号内数据为英寸 The unit for all of the figures are inches

型号 Type	弯曲半径<R> Bending radius	内高<Hi> Inner height	内宽<Wi> Inner width	外高<H> Outer height	外宽<W> Outer Width	重量<G> Weight	备注 Remark
	mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)	kg/m (lbs/ft)	
CL66		66 (2.60)	100~600 (3.94~23.62)	106(4.17)	154~654 (6.06~25.75)		铝杆长度可在内宽范围内进行订制 The Al bar length can be customized with in the limits of below the inner width

订货范例  
Order details

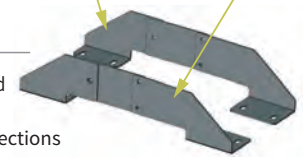
CL66100 \* R150 \* 1000mm \* 2

R	HL	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
150 (5.91)	406 (15.98)	310 (12.20)	670 (26.38)	99 (3.90)
200 (7.87)	506 (19.92)	410 (16.14)	825 (32.48)	99 (3.90)
250 (9.84)	606 (23.86)	510 (20.08)	985 (38.78)	99 (3.90)
300 (11.81)	706 (27.80)	610 (24.02)	1140 (44.88)	99 (3.90)
350 (13.78)	806 (31.73)	710 (27.95)	1300 (51.18)	99 (3.90)
400 (15.75)	906 (35.67)	810 (31.89)	1455 (57.28)	99 (3.90)
500 (19.69)	1106 (43.54)	1010 (39.76)	1770 (69.69)	99 (3.90)

### CL66 拖链-拖链接头 CL66 Cable Chain-Mounting Bracket

活动端  
Moving Bracket

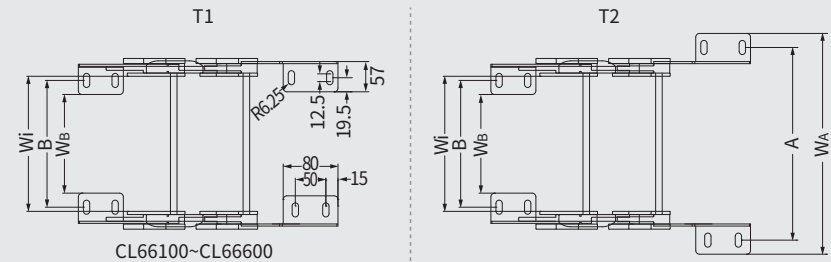
固定端  
Fixed Bracket



钢制接头, 分体式 Steel Mounting Bracket, Splited structure

- 双侧独立式钢制接头 · Independent Steel mounting bracket on the two end
- 耐腐蚀&耐摩擦 · Anti-corrosion, Rub-resistance
- 可实现内外连接 · Can realize the internal and external connections

接头安装方式 Installation methods



拖链型号 Type	主体编码 Main body code	A尺寸 Dimension A	Wa尺寸 Dimension Wa	B尺寸 Dimension B	Wb尺寸 Dimension Wb	备注 Remark
		mm	mm	mm	mm	
CL66	13003	(Wi+98)	(Wi+138)	(Wi-45)	(Wi-74)	可订制 Customized

产品代码结构 Part Number Structure

CL66100\*A+B

- └─ 安装方式 (Installation Methods)
- └─ 内宽 (Inner Width)
- └─ 型号 (Type)

CL66100\*B\*n

两端接头  
On both brackets

CL66100\*f\*n

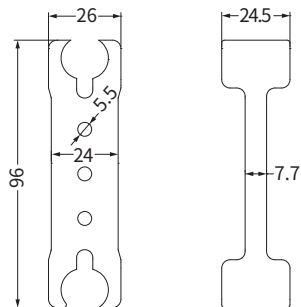
固定端接头  
Fixed bracket

CL66100\*m\*n

活动端接头  
Moving bracket

★ 每款拖链的接头都有所不同, 订购时如有任何疑问, 请及时咨询科瑞斯。  
Every bracket is different, please contact us if you have any question.

### CL66 拖链-隔离片 CL66 Cable Chain-Separator



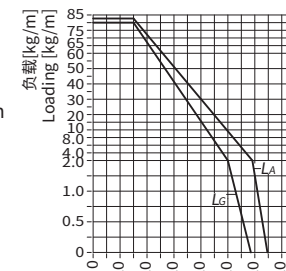
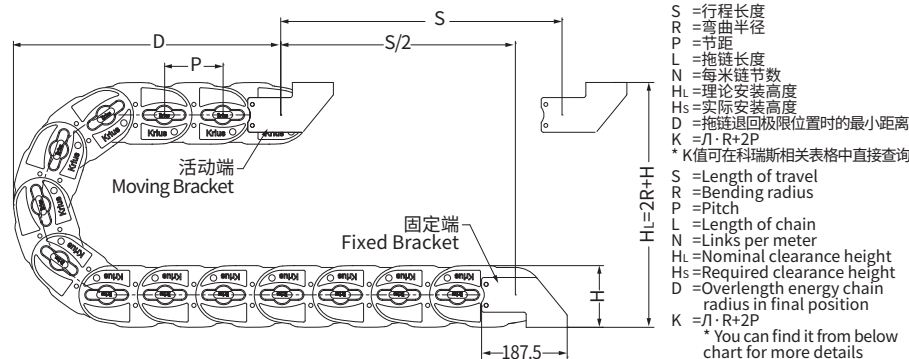
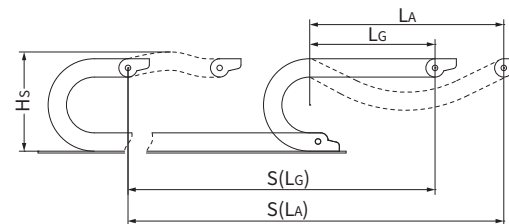
CL66拖链隔离片编码:11008  
The separator No. for CL66: 11008

- 本款拖链可供选配的隔离片为竖隔片,可以实现垂直分隔,也可订制铝杆作为横隔片,实现水平分隔
- 竖隔片的数量可以根据客户的实际需求进行配备,可以每隔一个链节装一个,也可以每隔一个链节装几个,客户可任意配备
- 竖隔片安装完成后,可以根据线缆排布进行滑动
- Vertical separators are available to choose which can make the vertical division, and also we can customize horizontal Al separator for horizontal division
- Vertical separators can be set up as customers' requires
- Separator can be moved for different cable

### CL88 拖链-安装尺寸及技术参数 CL88 Cable Chain-Installation Dimensions and Technical Parameters

#### 架空长度 Unsupported length

- $L_G$ =直线架空长度 ·  $L_G$ =Unsupported with straight upper run
- $L_A$ =安全塌腰架空长度 ·  $L_A$ =Unsupported with permitted sag



架空长度  $L_G/L_A$  [m]  
Unsupported length  $L_G/L_A$  [m]

行程长度 S [m]  
Length of travel S [m]

- S = 行程长度
- R = 弯曲半径
- P = 节距
- L = 拖链长度
- N = 每米链节数
- $H_L$  = 理论安装高度
- $H_s$  = 实际安装高度
- D = 拖链退回极限位置时的最小距离
- $K = \sqrt{L \cdot R + 2P}$
- \* K值可在科瑞斯相关表格中直接查询
- S = Length of travel
- R = Bending radius
- P = Pitch
- L = Length of chain
- N = Links per meter
- $H_L$  = Nominal clearance height
- $H_s$  = Required clearance height
- D = Overlength energy chain radius in final position
- $K = \sqrt{L \cdot R + 2P}$
- \* You can find it from below chart for more details

R	H <sub>L</sub>	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
200 (7.87)	539 (21.22)	410 (16.14)	885 (34.84)	128 (5.04)
250 (9.84)	639 (25.16)	510 (20.08)	1040 (40.94)	128 (5.04)
300 (11.81)	739 (29.09)	610 (24.02)	1200 (47.24)	128 (5.04)
350 (13.78)	839 (33.03)	710 (27.95)	1355 (53.35)	128 (5.04)
400 (15.75)	939 (36.97)	810 (31.89)	1510 (59.45)	128 (5.04)
500 (19.69)	1139 (44.84)	1010 (39.76)	1825 (71.85)	128 (5.04)

实际安装高度:  $H_s = H_L + 140\text{mm}$   
拖链长度:  $L = S/2 + K$  (固定端在中间)  
每米链节数:  $N = 8$  (1024mm)

The required clearance height:  $H_s = H_L + 5.51\text{in.}$   
Chain length:  $L = S/2 + K$  (Fixed end in the middle)  
Links per meter:  $N = 8$  (40.31 in.)

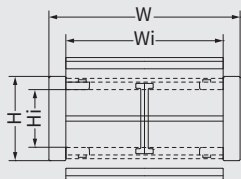
#### 技术参数 Technical Parameters

速度/加速度 $L_G$	Speed/acceleration $L_G$	max.20[m/s]/max.200[m/s <sup>2</sup> ]
速度/加速度 $L_A$	Speed/acceleration $L_A$	max.3[m/s]/max.6[m/s <sup>2</sup> ]
滑行速度/加速度	Gliding speed/acceleration	max.12[m/s]/max.50[m/s <sup>2</sup> ]
材料-允许温度°C	Material-permitted temperature	Reinforce PA/-40°C至+125°C
阻燃等级, 增强尼龙	Flammability Class, Reinforce PA	UL94 V-2



## CL88 拖链-产品规格范围 CL88 Cable Chain-Product specifications

CL88拖链-铝杆长度可订制 CL88 Cable Chain-The Al bar length can be customized



产品代码结构  
Part Number Structure

CL88100\*R\*L\*n

- 数量 (Quantity)
- 拖链长度 (Length of Cable chains)
- 弯曲半径 (Bending Radius)
- 内宽 (Inner Width)
- 型号 (Type)



此表中括号内数据为英寸 The unit for all of the figures are inches

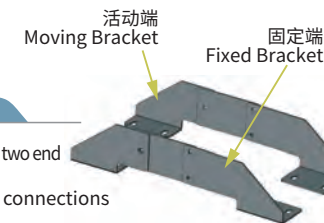
型号 Type	弯曲半径<R> Bending radius	内高<H1> Inner height	内宽<Wi> Inner width	外高<H> Outer height	外宽<W> Outer Width	重量<G> Weight	备注 Remark
	mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)	kg/m (lbs/ft)	
CL88		89 (3.50)	100~600 (3.94~23.62)	139 (5.47)	144~644 (5.67~25.35)		铝杆长度可在内宽范围内进行订制 The Al bar length can be customized with in the limits of below the inner width

订货范例  
Order details

CL88100 \* R200 \* 1000mm \* 2

R	HL	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
200 (7.87)	539 (21.22)	410 (16.14)	885 (34.84)	128 (5.04)
250 (9.84)	639 (25.16)	510 (20.08)	1040 (40.94)	128 (5.04)
300 (11.81)	739 (29.09)	610 (24.02)	1200 (47.24)	128 (5.04)
350 (13.78)	839 (33.03)	710 (27.95)	1355 (53.35)	128 (5.04)
400 (15.75)	939 (36.97)	810 (31.89)	1510 (59.45)	128 (5.04)
500 (19.69)	1139 (44.84)	1010 (39.76)	1825 (71.85)	128 (5.04)

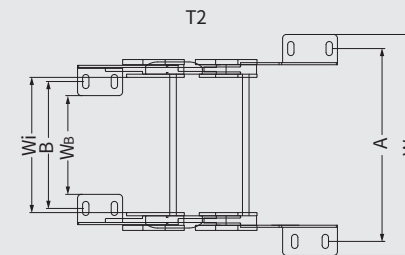
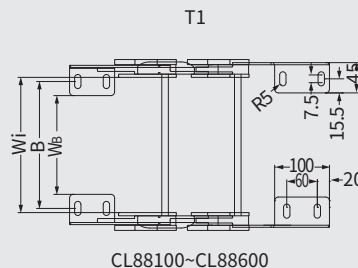
## CL88 拖链-拖链接头 CL88 Cable Chain-Mounting Bracket



钢制接头, 分体式 Steel Mounting Bracket, Splited structure

- 双侧独立式钢制接头 · Independent Steel mounting bracket on the two end
- 耐腐蚀&耐摩擦 · Anti-corrosion, Rub-resistance
- 可实现内外连接 · Can realize the internal and external connections

接头安装方式 Installation methods



拖链型号 Type	编码 Code	A尺寸 Dimension A	WA尺寸 Dimension WA	B尺寸 Dimension B	WB尺寸 Dimension WB	备注 Remark
		mm	mm	mm	mm	
CL88	主体 Main Body 11251					
	隔离片 Separator 11260	(Wi+95)	(Wi+126)	(Wi-15)	(Wi-46)	可订制 Customized
	固定片 Fixed plate 11262					

产品代码结构 Part Number Structure

CL88100\*A+B

- 安装方式 (Installation Methods)
- 内宽 (Inner Width)
- 型号 (Type)

CL88100\*B\*n

两端接头  
On both brackets

CL88100\*f\*n

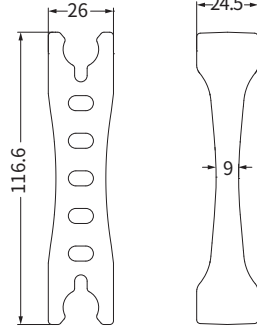
固定端接头  
Fixed bracket

CL88100\*m\*n

活动端接头  
Moving bracket

★ 每款拖链的接头都有所不同, 订购时如有任何疑问, 请及时咨询科瑞斯。  
Every bracket is different, please contact us if you have any question.

### CL88 拖链-隔离片 CL88 Cable Chain-Separator



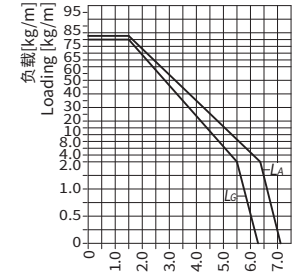
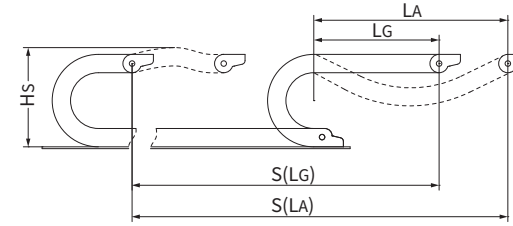
CL88拖链隔离片编码:11260  
The separator No. for CL88: 11260

- 本款拖链可供选配的隔离片为竖隔片,可以实现垂直分隔,也可订制铝杆作为横隔片,实现水平分隔
- 竖隔片的数量可以根据客户的实际需求进行配备,可以每隔一个链节装一个,也可以每隔一个链节装几个,客户可任意配备
- 竖隔片安装完成后,可以根据线缆排布进行滑动
- Vertical separators are available to choose which can make the vertical division, and also we can customize horizontal Al separator for horizontal division
- Vertical separators can be placed into each link or different quantity links, it can be customized
- Separator can be moved for different cable

### CL108 拖链-安装尺寸及技术参数 CL108 Cable Chain-Installation Dimensions and Technical Parameters

#### 架空长度 Unsupported length

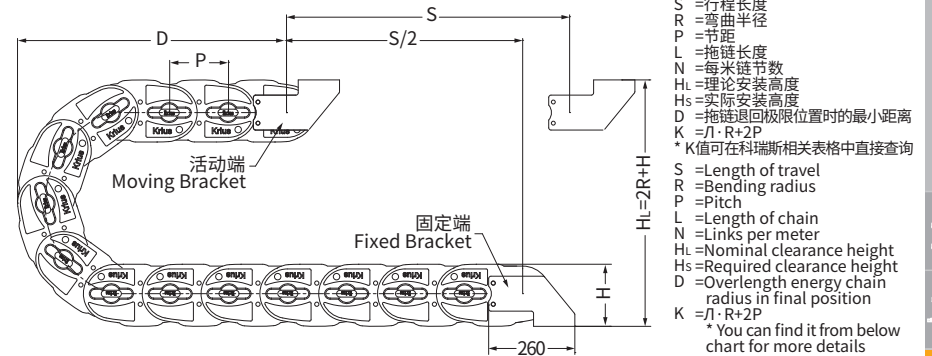
- L<sub>G</sub>=直线架空长度 · L<sub>G</sub>=Unsupported with straight upper run
- L<sub>A</sub>=安全塌腰架空长度 · L<sub>A</sub>=Unsupported with permitted sag



架空长度 L<sub>G</sub>/L<sub>A</sub>[m]  
Unsupported length L<sub>G</sub>/L<sub>A</sub>[m]  
0 2.0 4.0 6.0 8.0 10.0 12.0 14.0

行程长度 S[m]  
Length of travel S[m]

- S =行程长度
- R =弯曲半径
- P =节距
- L =拖链长度
- N =每米链节数
- H<sub>L</sub> =理论安装高度
- H<sub>s</sub> =实际安装高度
- D =拖链退回极限位置时的最小距离
- K =L · R + 2P
- \* K值可在科瑞斯相关表格中直接查询



R	HL	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
200 (7.87)	565.5 (22.26)	410 (16.14)	940 (37.01)	155 (6.10)
300 (11.81)	765.5 (30.14)	610 (24.02)	1250 (49.21)	155 (6.10)
400 (15.75)	965.5 (38.01)	810 (31.89)	1565 (61.61)	155 (6.10)
500 (19.69)	1165.5 (45.89)	1010 (39.76)	1880 (74.01)	155 (6.10)
600 (23.62)	1365.5 (53.76)	1210 (47.64)	2195 (86.42)	155 (6.10)

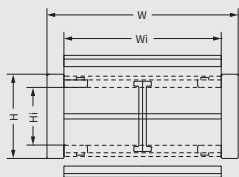
实际安装高度: H<sub>s</sub>=H<sub>L</sub>+150mm  
拖链长度: L=S/2+K (固定端在中间)  
每米链节数: N=7 (1085mm)

The required clearance height: H<sub>s</sub>=H<sub>L</sub>+5.91in.  
Chain length: L=S/2+K (Fixed end in the middle)  
Links per meter: N=7 (42.72in.)

技术参数 Technical Parameters		
速度/加速度 L <sub>G</sub>	Speed/acceleration L <sub>G</sub>	max.20[m/s]/max.200[m/s <sup>2</sup> ]
速度/加速度 L <sub>A</sub>	Speed/acceleration L <sub>A</sub>	max.3[m/s]/max.6[m/s <sup>2</sup> ]
滑行速度/加速度	Gliding speed/acceleration	max.12[m/s]/max.50[m/s <sup>2</sup> ]
材料-允许温度°C	Material-permitted temperature	Reinforce PA/-40°C至+125°C
阻燃等级, 增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

## CL108 拖链-产品规格范围 CL108 Cable Chain-Product specifications

CL108拖链-铝杆长度可订制 CL108 Cable Chain-The Al bar length can be customized



产品代码结构  
Part Number Structure

**CL108150\*R\*L\*n**

- 数量 (Quantity)
- 拖链长度 (Length of Cable chains)
- 弯曲半径 (Bending Radius)
- 内宽 (Inner Width)
- 型号 (Type)



此表中括号内数据为英寸 The unit for all of the figures are inches

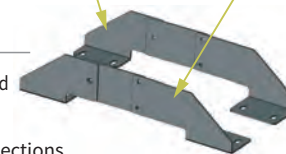
型号 Type	弯曲半径<R> Bending radius	内高<Hi> Inner height	内宽<Wi> Inner width	外高<H> Outer height	外宽<W> Outer Width	重量<G> Weight	备注 Remark
	mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)	kg/m (lbs/ft)	
CL108		110.2 (4.34)	150~650 (5.91~25.59)	165.5 (6.52)	202~702 (7.95~27.64)		铝杆长度可在内宽范围内进行订制 The Al bar length can be customized with in the limits of below the inner width

订货范例  
Order details **CL108150 \* R200 \* 1000mm \* 2**

R	HL	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
200 (7.87)	565.5 (22.26)	410 (16.14)	940 (37.01)	155 (6.10)
300 (11.81)	765.5 (30.14)	610 (24.02)	1250 (49.21)	155 (6.10)
400 (15.75)	965.5 (38.01)	810 (31.89)	1565 (61.61)	155 (6.10)
500 (19.69)	1165.5 (45.89)	1010 (39.76)	1880 (74.01)	155 (6.10)
600 (23.62)	1365.5 (53.76)	1210 (47.64)	2195 (86.42)	155 (6.10)

## CL108 拖链-拖链接头 CL108 Cable Chain-Mounting Bracket

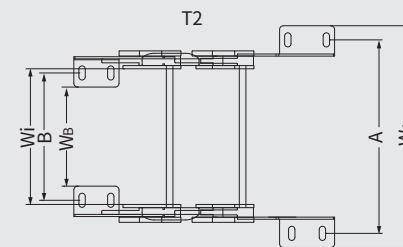
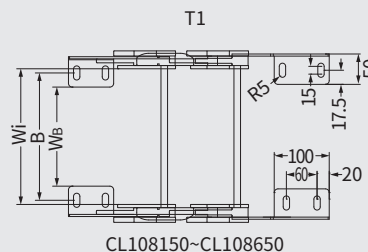
活动端  
Moving Bracket  
固定端  
Fixed Bracket



钢制接头, 分体式 Steel Mounting Bracket, Splited structure

- 双侧独立式钢制接头 · Independent Steel mounting bracket on the two end
- 耐腐蚀&耐摩擦 · Anti-corrosion, Rub-resistance
- 可提供预装配形式 · Available preassembly form
- 可实现内外连接 · Can realize the internal and external connections

接头安装方式 Installation methods



拖链型号 Type	编码 Code	A尺寸 Dimension A	WA尺寸 Dimension WA	B尺寸 Dimension B	WB尺寸 Dimension WB	备注 Remark
		mm	mm	mm	mm	
CL108	主体 Main Body					
	隔离片 Separator					
	固定片 Fixed plate	(Wi+105)	(Wi+140)	(Wi-15)	(Wi-50)	可订制 Customized
	耐磨片 Anti-friction plate					

产品代码结构 Part Number Structure

**CL108150\*A+B**

- 安装方式 (Installation Methods)
- 内宽 (Inner Width)
- 型号 (Type)

**CL108100\*B\*n**

两端接头  
On both brackets

**CL108100\*f\*n**

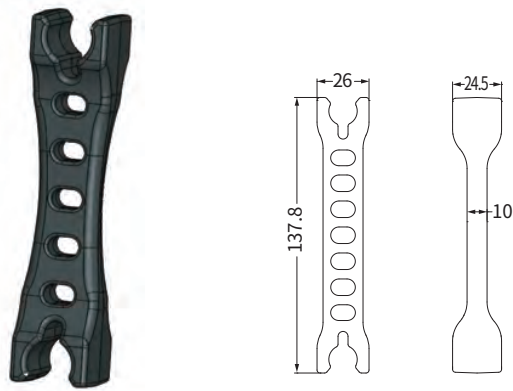
固定端接头  
Fixed bracket

**CL108100\*m\*n**

活动端接头  
Moving bracket

★ 每款拖链的接头都有所不同, 订购时如有任何疑问, 请及时咨询科瑞斯。  
Every bracket is different, please contact us if you have any question.

### CL108 拖链-隔离片 CL108 Cable Chain-Separator



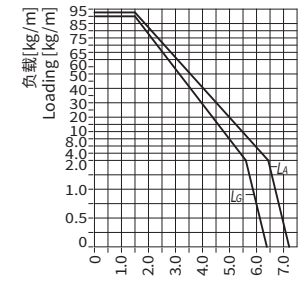
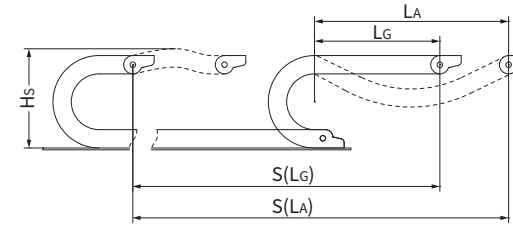
CL108拖链隔离片编码:11266  
The separator No. for CL108: 11266

- 本款拖链可供选配的隔离片为竖隔片,可以实现垂直分隔,也可订制铝杆作为横隔片,实现水平分隔
- 竖隔片的数量可以根据客户的实际需求进行配备,可以每隔一个链节装一个,也可以每隔一个链节装几个,客户可任意配备
- 竖隔片安装完成后,可以根据线缆排布进行滑动
- Vertical separators are available to choose which can make the vertical division, and also we can customize horizontal Al separator for horizontal division
- Vertical separators can be placed into each link or different quantity links, it can be customized
- Separator can be moved for different cable

### CL110 拖链-安装尺寸及技术参数 CL110 Cable Chain-Installation Dimensions and Technical Parameters

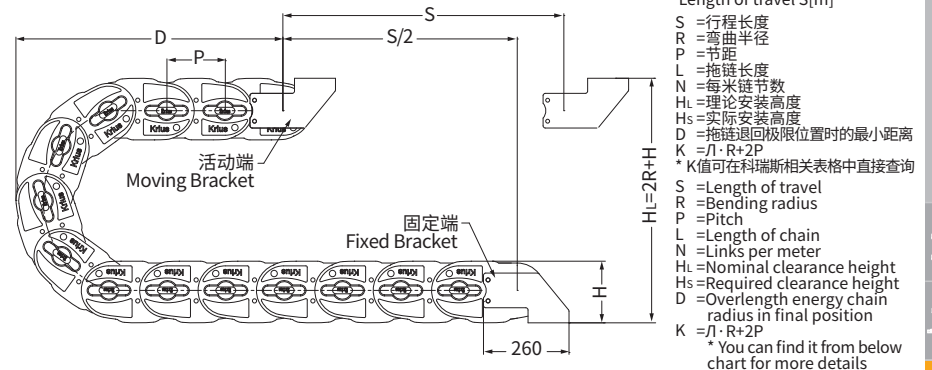
#### 架空长度 Unsupported length

- $L_G$ =直线架空长度 ·  $L_G$ =Unsupported with straight upper run
- $L_A$ =安全塌腰架空长度 ·  $L_A$ =Unsupported with permitted sag



架空长度  $L_G/L_A$  [m]  
Unsupported length  $L_G/L_A$  [m]

行程长度 S [m]  
Length of travel S [m]



- S = 行程长度
- R = 弯曲半径
- P = 节距
- L = 拖链长度
- N = 每米链节数
- H<sub>L</sub> = 理论安装高度
- H<sub>s</sub> = 实际安装高度
- D = 拖链退回极限位置时的最小距离
- $K = l \cdot R + 2P$
- \* K值可在科瑞斯相关表格中直接查询
- S = Length of travel
- R = Bending radius
- P = Pitch
- L = Length of chain
- N = Links per meter
- H<sub>L</sub> = Nominal clearance height
- H<sub>s</sub> = Required clearance height
- D = Overlength energy chain radius in final position
- $K = l \cdot R + 2P$
- \* You can find it from below chart for more details

R	H <sub>L</sub>	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
200 (7.87)	565.5 (22.26)	410 (16.14)	940 (37.01)	155 (6.10)
300 (11.81)	765.5 (30.14)	610 (24.02)	1250 (49.21)	155 (6.10)
400 (15.75)	965.5 (38.01)	810 (31.89)	1565 (61.61)	155 (6.10)
500 (19.69)	1165.5 (45.89)	1010 (39.76)	1880 (74.01)	155 (6.10)
600 (23.62)	1365.5 (53.76)	1210 (47.64)	2195 (86.42)	155 (6.10)

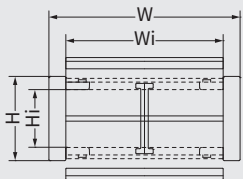
实际安装高度:  $H_s = H_L + 150\text{mm}$   
拖链长度:  $L = S/2 + K$  (固定端在中间)  
每米链节数:  $N = 7$  (1085mm)

The required clearance height:  $H_s = H_L + 5.91\text{in.}$   
Chain length:  $L = S/2 + K$  (Fixed end in the middle)  
Links per meter:  $N = 7$  (42.72in.)

技术参数 Technical Parameters		
速度/加速度 $L_G$	Speed/acceleration $L_G$	max.20[m/s]/max.200[m/s <sup>2</sup> ]
速度/加速度 $L_A$	Speed/acceleration $L_A$	max.3[m/s]/max.6[m/s <sup>2</sup> ]
滑行速度/加速度	Gliding speed/acceleration	max.12[m/s]/max.50[m/s <sup>2</sup> ]
材料-允许温度°C	Material-permitted temperature	Reinforce PA/-40°C至+125°C
阻燃等级, 增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

## CL110 拖链-产品规格范围 CL110 Cable Chain-Product specifications

CL110拖链-内外侧可开 CL110 Cable Chain-Inner and outer can be opened



产品代码结构  
Part Number Structure

CL110150\*R\*L\*n

- L 数量 (Quantity)
- L 拖链长度 (Length of Cable chains)
- L 弯曲半径 (Bending Radius)
- L 内宽 (Inner Width)
- L 型号 (Type)



此表中括号内数据为英寸 The unit for all of the figures are inches

型号 Type	弯曲半径<R> Bending radius	内高<Hi> Inner height	内宽<Wi> Inner width	外高<H> Outer height	外宽<W> Outer Width	重量<G> Weight	备注 Remark
	mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)	kg/m (lbs/ft)	
CL110		110.2 (4.34)	150~650 (5.91~25.59)	165.5 (6.52)	202~702 (7.95~27.64)		铝杆长度可在内宽范围内进行订制 The Al bar length can be customized with in the limits of below the inner width

订货范例  
Order details

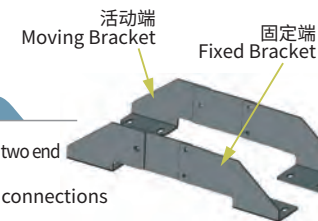
**CL110150 \* R200 \* 1000mm \* 2**

R	HL	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
200 (7.87)	565.5 (22.26)	410 (16.14)	940 (37.01)	155 (6.10)
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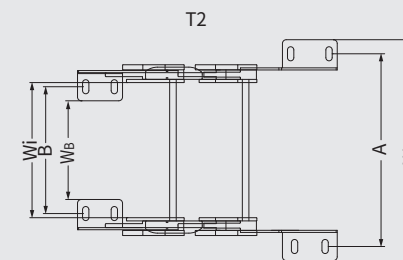
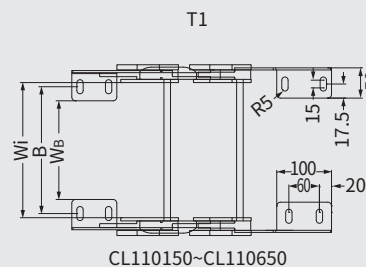
## CL110 拖链-拖链接头 CL110 Cable Chain-Mounting Bracket

钢制接头, 分体式 SUS304 Steel Mounting Bracket, Splitted structure

- 双侧独立式钢制接头 · Independent Steel mounting bracket on the two end
- 耐腐蚀&耐摩擦 · Anti-corrosion, Rub-resistance
- 可实现内外连接 · Can realize the internal and external connections



接头安装方式 Installation methods



拖链型号 Type	编码 Code	备注 Remark	A尺寸 Dimension A	WA尺寸 Dimension WA	B尺寸 Dimension B	WB尺寸 Dimension WB	备注 Remark
			mm	mm	mm	mm	
CL110	主体 Main Body	11263					
	隔离片 Separator	11266	(Wi+105)	(Wi+140)	(Wi-15)	(Wi-50)	可订制 Customized
	固定片 Fixed plate	11264					
	耐磨片 Anti-friction plate	11265					

产品代码结构 Part Number Structure

CL110150\*A+B

- 安装方式 (Installation Methods)
- 内宽 (Inner Width)
- 型号 (Type)

CL110150\*B\*n

两端接头  
On both brackets

CL110150\*f\*n

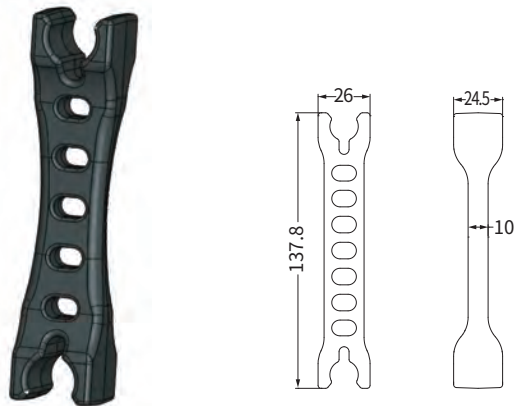
固定端接头  
Fixed bracket

CL110150\*m\*n

活动端接头  
Moving bracket

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## CL110 拖链-隔离片 CL110 Cable Chain-Separator



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The separator No. for CL110: 11266

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