

Energy Chain Systems

JFLO MACHINE TOOL ACCESSORIES



JFLO

金福隆机床附件



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JFLO Machine Tool Accessories 金福隆机床附件

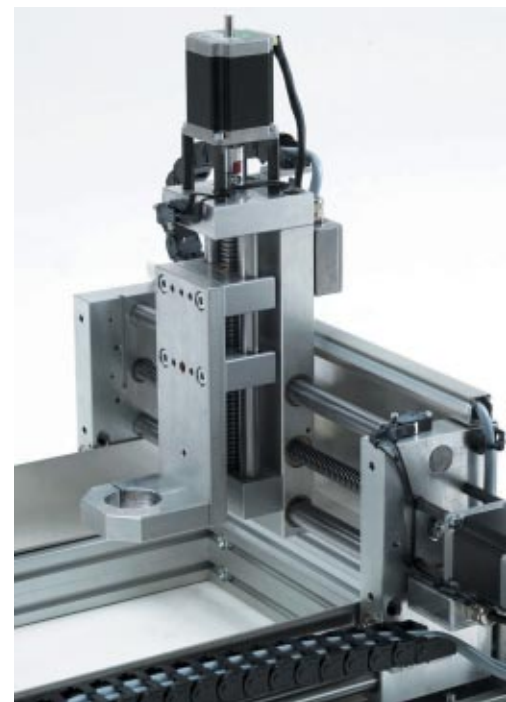
Yueqing Jinfulong Machine Tool Accessories Co., Ltd. is located at the Capital of Electric Appliance---Yueqing City. Going in for the development, production and sale of the electric connection protection system products of industrial automated equipment, Jinfulong is specialized in producing machine tool tow chains of different specifications.

The plastic tow chain produced by the company integrates excellent advantages, it really is the ideal renewal product of traditional tow chain. It is featured with elegant appearance, firm structure, wear resistance, pressure-tight, high selectivity and interchangeability, low noise, etc. The products are widely applied to fields of numerical controlled machinery, textile machinery, glass machinery, manipulator, plastic jetting-moulding machines, wood processing machinery, stone machining equipment, mechanical and electronic equipment, weight handling equipment, etc, they are suitable for reciprocating motion occasions, tow and protect the inner-built cables, oil pipes and water pipes.

Each link of plastic tow chain can be opened easily, it is convenient to install and maintain, and enables your machine and equipment to be more perfect; the tow chain has a wide varieties, special specifications can be customized according to your requirements.

The company has a powerful enterprise management team controlling the quality strictly. Abiding by enterprising spirits and making innovation, the company always insists on the management policy of "quality first, credit standing foremost", tries to be customer-oriented, and engaged in improving management level and service quality of the enterprise, devotes to the industrial automation development in China.

Sincerely welcome people of various circles to visit and cooperate with us, to make joint efforts and strive for mutual development.



广泛应用于工业自动化领域

Extensive Application

Brief introduction 企业简介

乐清市金福隆机床附件有限公司座落于电器之都——乐清。公司致力于工业自动化设备电气连接保护系统产品的开发设计,生产和销售。专业生产各种规格的机床拖链。

生产的塑料拖链集合了众多的优点,是传统拖链的更新换代产品。具有外形美观,结构坚固、耐磨、耐压、选择性强、互换性高、噪音低的特点。广泛适用于数控机床、纺织机械、玻璃机械、机械手、注塑机机械、木材机械、石材机械、机械电子设备、起重运输设备等领域。适合于在往复运动场合使用,能够对内置电缆、油管、水管等起到牵引和保护作用。

塑料拖链每节均能轻松自如的打开,便于安装和维修,能使你的机器设备更加完美;拖链规格繁多,如需特殊规格,本公司均可为客户量身定做。

公司拥有一整套企业管理班子,严格把握质量关。公司本着开拓进取、努力创新“奉行质量第一、信誉至上”的经营方针。坚持以顾客为中心,致力提高企业的经营管理水平和服务质量,为中国工业自动化发展增添一份力量。

竭诚欢迎各界人士光临指导、洽谈业务、携手合作、共谋发展。

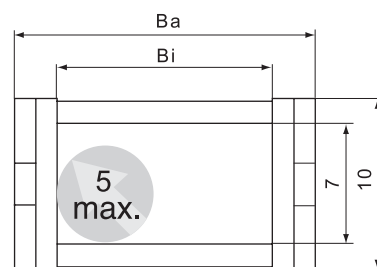


微型 7 系列 – 不可打开

Miniature series 7-non opening type



示意图 Delineation



主要技术参数 Basic technical data

最大允许电缆外径 Max outer diameter of cable(mm)	5
最大水平悬空长度 Max horizontal hanging length(m)	0.5
最大允许行程 Max travel distance(m)	---
最大允许垂直悬挂 Max vertical hanging(m)	---

● 架空长度

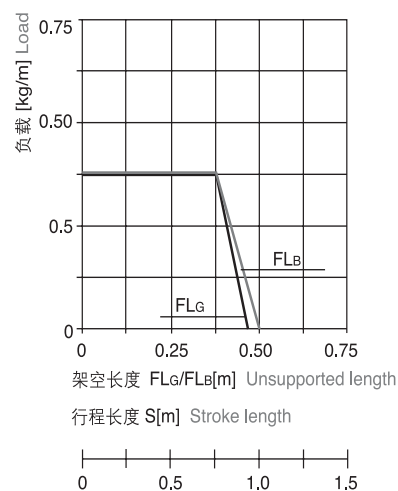
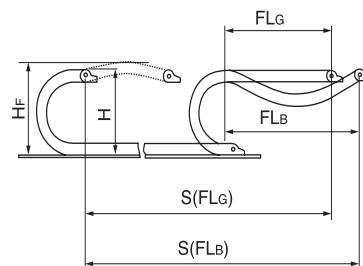
○ Unsupported length

FL_G = 直线架空长度

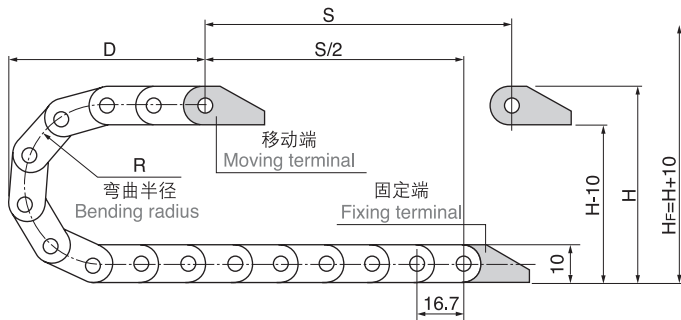
FL_G = Linear unsupported length

FL_B = 安全塌腰架空长度

FL_B = Safety bending unsupported length



- 节距=16.7mm, 每米节数=60, 链长=S/2+K, S=行程距离, K=π.R+“安全量”
- Pitch=16.7mm, link per meter=60, length of chain=S/2+K, S=stroke, K=π.R+“safety ratio”

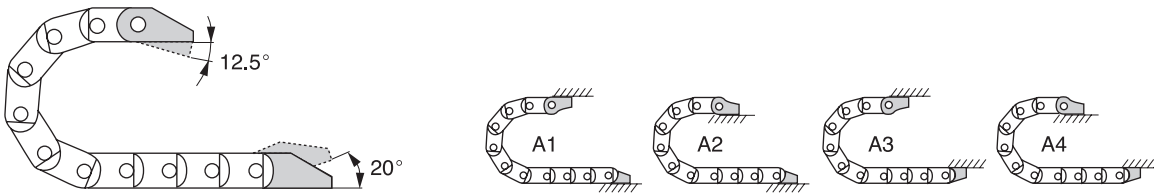


R	18	28	38
H	52	72	92
D	45	55	65
K	100	140	160

实际安装高度: $H_f = H + 10\text{mm}$ (负载 0.1kg/m)
Actual mounting height: $H_f = H + 10\text{mm}$ (load 0.1kg/m)

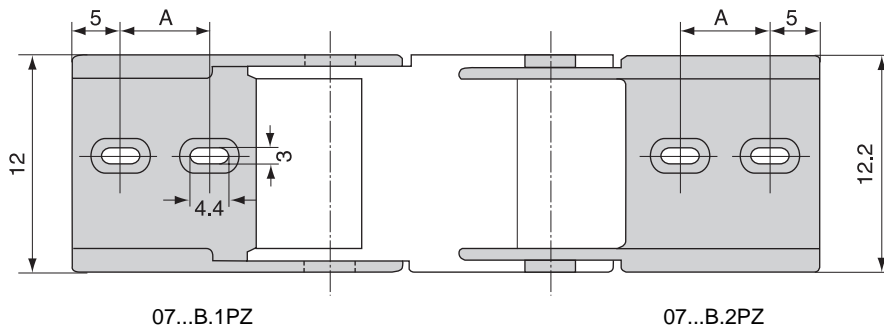
■ 可供选择的接头安装方式 Selectable connector mounting way

- 07...B.1PZ 带孔移动端 (外部链节)
- 07...B.1PZ moving terminal with the hole (external link)



- 07...B.2PZ 带销固定端 (内部链节)
- 07...B.2PZ fixed terminal with pin (external link)

■ 接头安装尺寸图 Connector mounting dimension drawing



■ 微型7系列 – 不可打开 Miniature series 7-non opening type

系列号 Serial no.	内高 Hi	内宽 Bi	外高 H	外宽 Ba	弯曲半径 (R) Bending radius	打开方式 Opening way	对应接头孔距 (mm) Corresponding connector hole distance	接头订购型号 Ordering model of connector
7	7	7	10	12.5	18 28 38	B	A=8	07.07.B.12PZ

注: 打开方式 B 为不可打开型。

Note: The opening way B indicates non opening type

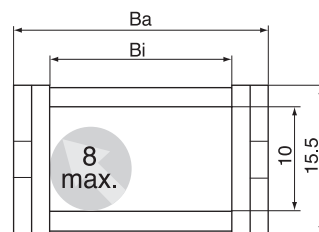
接头型号: 07...B.12PZ=U型斜角接头全套; 07...B.1PZ=一端带孔; 07...B.2PZ=一端带销

Model of connector: 07...B.12PZ=U type bevel connector complete set; 07...B.1PZ= one terminal with hole; 07...B.2PZ= one terminal with pin

微型 10 系列 – 不可打开

Miniature series 10-non opening type

示意图 Delineation



主要技术参数 Basic technical data

最大允许电缆外径 Max outer diameter of cable(mm)	8
最大水平悬空长度 Max horizontal hanging length(m)	0.6
最大允许行程 Max travel distance(m)	---
最大允许垂直悬挂 Max vertical hanging(m)	---

● 架空长度

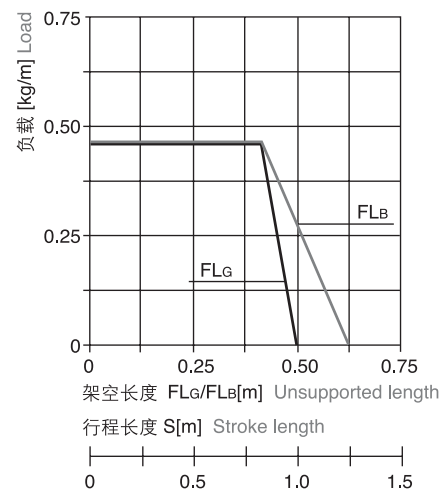
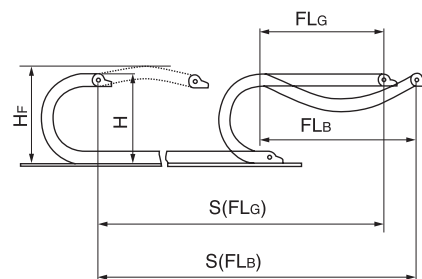
○ Unsupported length

FL_G = 直线架空长度

FL_G = Linear unsupported length

FL_B = 安全塌腰架空长度

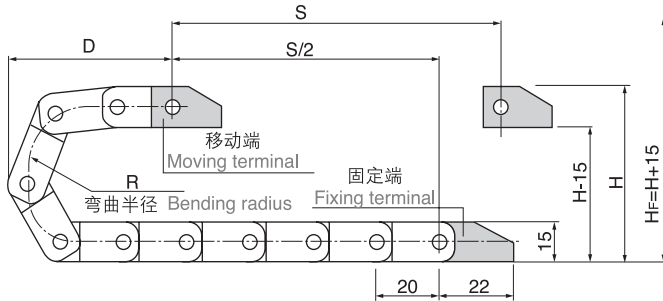
FL_B = Safety bending unsupported length



- 节距=20mm, 每米节数=50, 链长=S/2+K, S=行程距离, K=π.R+“安全量”
- Pitch=20mm, link per meter=50, length of chain=S/2+K, S=stroke, K=π.R+“safety ratio”

注: 其中 10 × 10 拖链, 外高=14mm, 节距=15mm, 每米节数=66

Note: Thereinto, 10 × 10 tow chain, H=14mm, pitch=15mm, link per meter=66

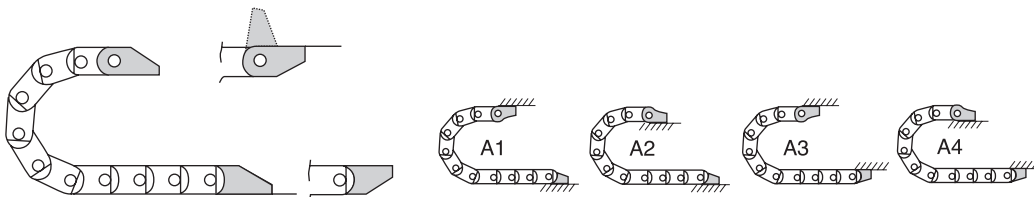


R	18	28	38
H	52	72	92
D	45	55	65
K	100	140	160

实际安装高度: $H_f=H+15\text{mm}$ (负载 0.2kg/m)
Actual mounting height: $H_f=H+15\text{ mm}$ (load 0.2kg/m)

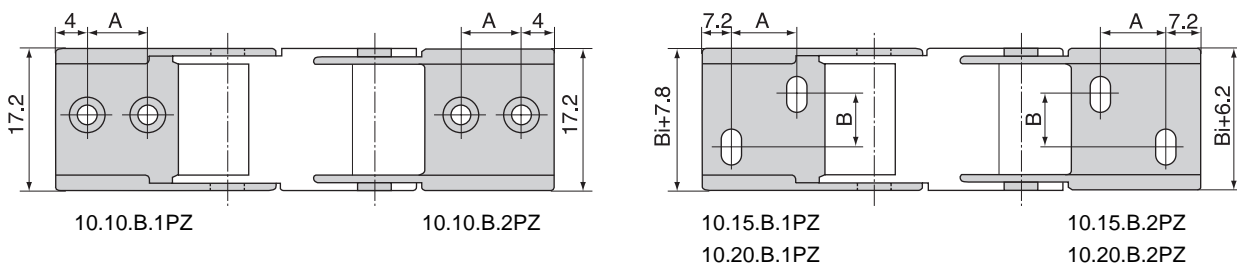
■ 可供选择的接头安装方式 Selectable connector mounting way

- 10...B.1PZ 带孔移动端 (外部链节)
- 10...B.1PZ moving terminal with the hole (external link)



- 10...B.2PZ 带销固定端 (内部链节)
- 10...B.2PZ fixed terminal with pin (external link)

■ 接头安装尺寸图 Connector mounting dimension drawing



■ 微型 10 系列 – 不可打开 Miniature series 10-non opening type

系列号 Serial no.	内高 Hi	内宽 Bi	外高 H	外宽 Ba	弯曲半径 (R) Bending radius	打开方式 Opening way	对应接头孔距 (mm) Corresponding connector hole distance	接头订购型号 Ordering model of connector
10	10	6	13.5	13.5	18 28 38	F	A=8	10.06.F.12PZ
10	10	10	14	17.5		B	A=8	10.10.B.12PZ
10	10	15	15.5	23		B	A=10 B=0	10.15.B.12PZ
10	10	20	15.5	28.5		B	A=10 B=5	10.20.B.12PZ

注: 打开方式 B 为不可打开型, F 为方便型, 不需打开直接可装拆电缆。

Note: The opening way B indicates non opening type, F is the convenient type, the cable can be assembled and disassembled directly needless to open.

接头型号: 10...B.12PZ=U 型斜角接头全套; 10...B.1PZ=一端带孔; 10...B.2PZ=一端带销

Model of connector: 10...B.12PZ=U type bevel connector complete set; 10...B.1PZ= one terminal with hole; 10...B.2PZ= one terminal with pin

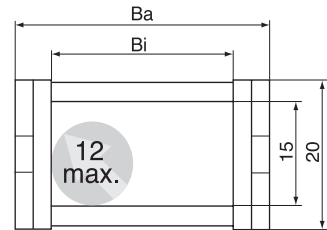
15 系列 – 不可打开

Series 15-non opening type



15...B.12PZ

示意图 Delineation



主要技术参数 Basic technical data

最大允许电缆外径	Max outer diameter of cable(mm)	12
最大水平悬空长度	Max horizontal hanging length(m)	0.8
最大允许行程	Max travel distance(m)	---
最大允许垂直悬挂	Max vertical hanging(m)	---

● 架空长度

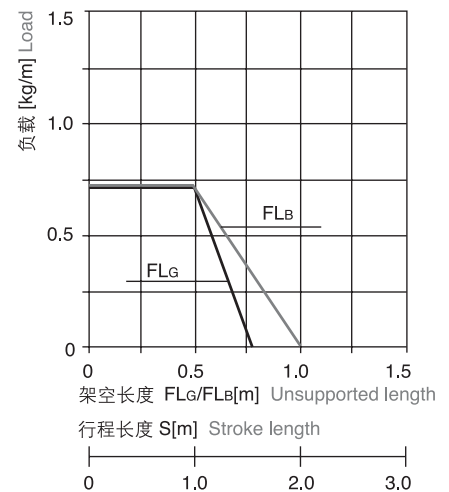
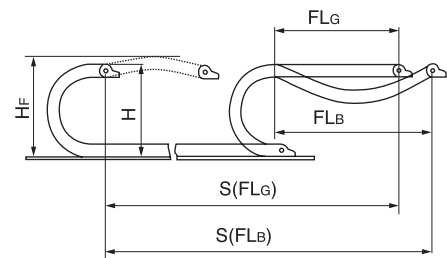
○ Unsupported length

FL_G = 直线架空长度

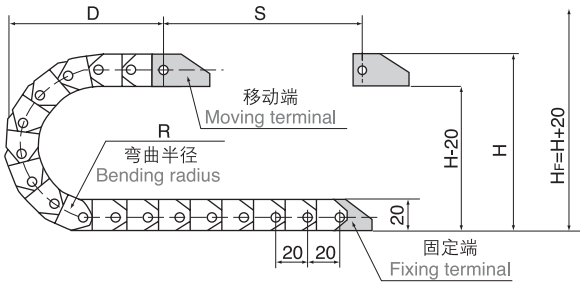
FL_G = Linear unsupported length

FL_B = 安全塌腰架空长度

FL_B = Safety bending unsupported length



- 节距=20mm,每米节数=50,链长=S/2+K, S=行程距离, K=π.R+“安全量”
- Pitch=20mm, link per meter=50, length of chain=S/2+K, S=stroke, K=π.R+“safety ratio”

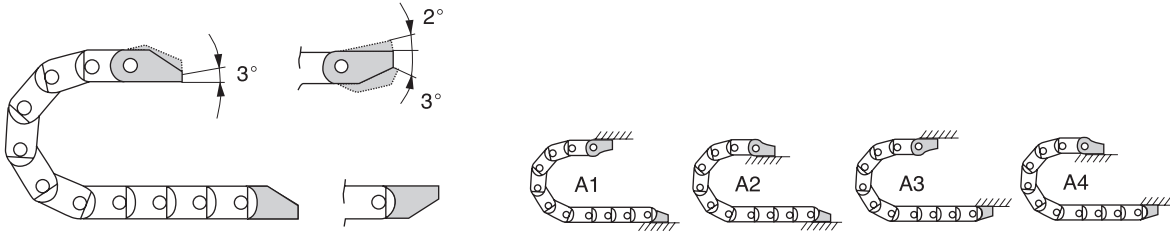


R	28	38	48
H	76	96	116
D	60	70	80
K	130	160	190

实际安装高度: $H_f = H + 20\text{mm}$ (负载 0.3kg/m)
Actual mounting height: $H_f = H + 20\text{mm}$ (load 0.3kg/m)

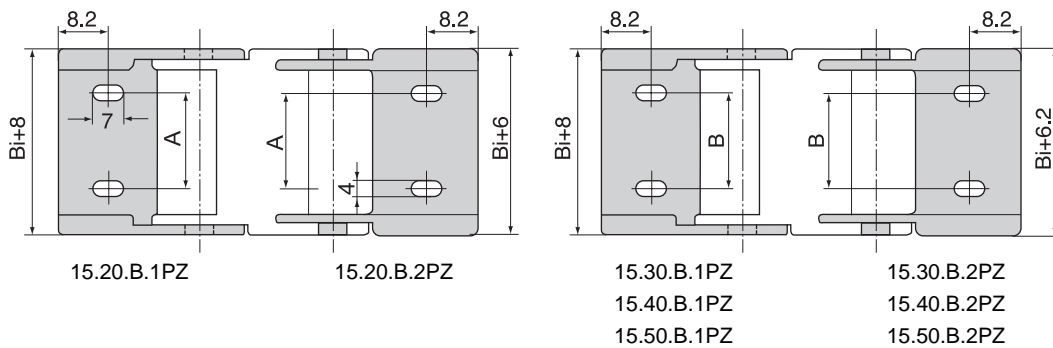
可供选择的接头安装方式 Selectable connector mounting way

- 15...B.1PZ 带孔移动端 (外部链节)
- 15...B.1PZ moving terminal with the hole (external link)



- 15...B.2PZ 带销固定端 (内部链节)
- 15...B.2PZ fixed terminal with pin (external link)

接头安装尺寸图 Connector mounting dimension drawing



15 系列 – 不可开 Series 15-non opening type

系列号 Serial no.	内高 Hi	内宽 Bi	外高 H	外宽 Ba	弯曲半径 (R) Bending radius	打开方式 Opening way	对应接头孔距 (mm) Corresponding connector hole distance	接头订购型号 Ordering model of connector
15	15	20	20	28.2	18 28 38	B	A=11	15.20.B.12PZ
15	15	30	20	38.2		B	A=14	15.30.B.12PZ
15	15	40	20	48.2		B	B=20	15.40.B.12PZ
15	15	50	20	58.2		B	B=20	15.50.B.12PZ

注: 打开方式 B 为不可打开型。
Note: The opening way B indicates non opening type

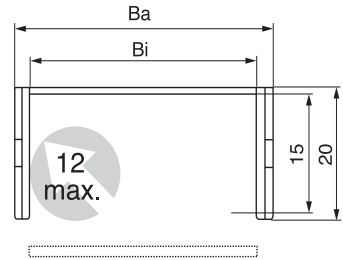
接头型号: 15...B.12PZ=U 型斜角接头全套; 15...B.1PZ= 一端带孔; 15...B.2PZ= 一端带销
Model of connector: 15...B.12PZ=U type bevel connector complete set; 15...B.1PZ= one terminal with hole; 15...B.2PZ= one terminal with pin

15 系列 – 半封闭内侧打开

Series 15 Csemi-enclosed interior opening



示意图 Delineation



主要技术参数 Basic technical data

最大允许电缆外径 Max outer diameter of cable(mm)	12
最大水平悬空长度 Max horizontal hanging length(m)	0.9
最大允许行程 Max travel distance(m)	---
最大允许垂直悬挂 Max vertical hanging(m)	---

● 架空长度

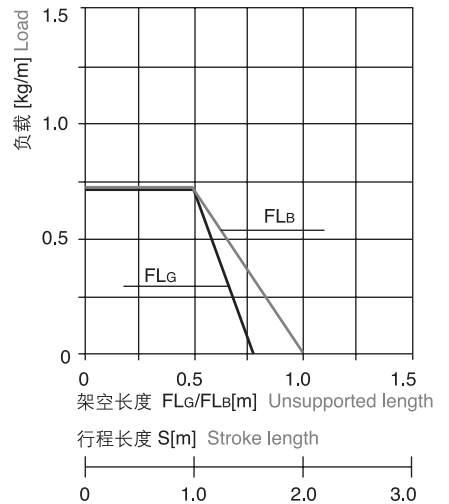
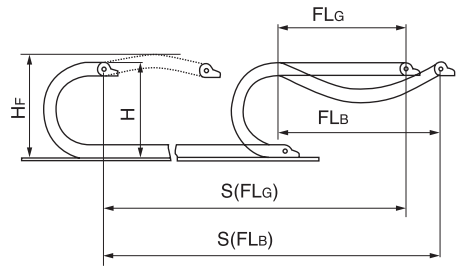
○ Unsupported length

FL_G = 直线架空长度

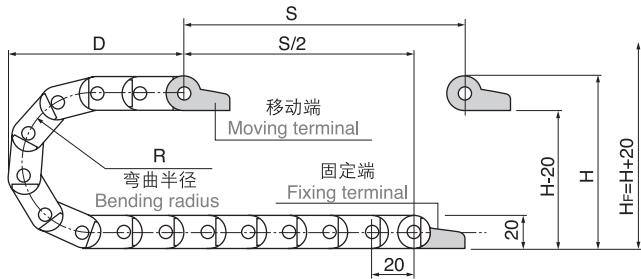
FL_G = Linear unsupported length

FL_B = 安全塌腰架空长度

FL_B = Safety bending unsupported length



- 节距=20mm, 每米节数=50, 链长=S/2+K, S=行程距离, $K=\pi \cdot R$ +“安全量”
- Pitch=20mm, link per meter=50, length of chain=S/2+K, S=stroke, $K=\pi \cdot R$ +“safety ratio”

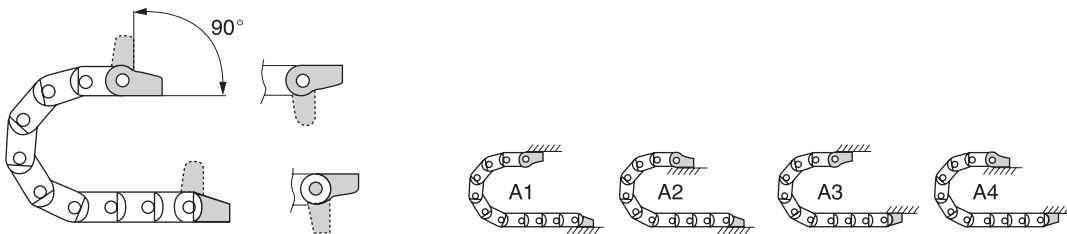


R	28	38	48
H	76	96	116
D	60	70	80
K	130	160	190

实际安装高度: $H_f=H+20\text{mm}$ (负载 0.3kg/m)
Actual mounting height: $H_f=H+20\text{mm}$ (load 0.3kg/m)

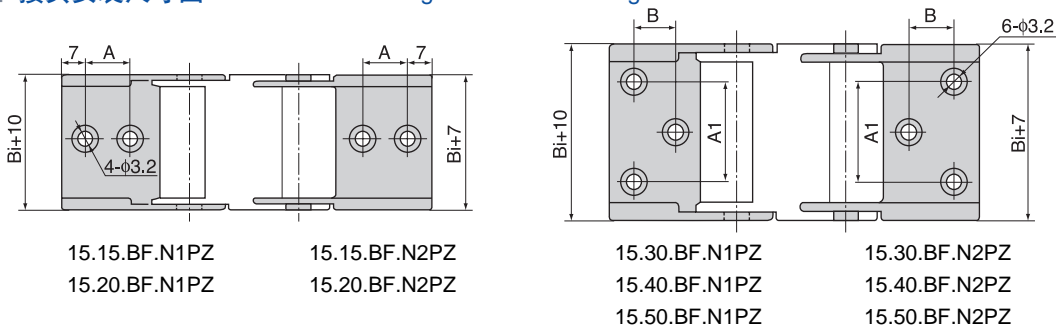
可供选择的接头安装方式 Selectable connector mounting way

- 15...BF.N.1PZ 带孔移动端 (外部链节)
- 15...BF.N.1PZ moving terminal with the hole (external link)



- 15...BF.N.2PZ 带销固定端 (内部链节)
- 15...BF.N.2PZ fixed terminal with pin (external link)

接头安装尺寸图 Connector mounting dimension drawing



15 系列 – 半封闭内侧可开 Series 15 Csemi-enclosed interior opening

系列号 Serial no.	内高 Hi	内宽 Bi	外高 H	外宽 Ba	弯曲半径 (R) Bending radius	打开方式 Opening way	对应接头孔距 (mm) Corresponding connector hole distance	接头订购型号 Ordering model of connector
15	15	15	20	23	28 38 48	BF.N	A=8	15.15.BF.N.12PZ
15	15	20	20	29		BF.N	A=8	15.20.BF.N.12PZ
15	15	30	20	39		BF.N	A1=22 B=9.2	15.30.BF.N.12PZ
15	15	40	20	49		BF.N	A1=31.8 B=7.5	15.40.BF.N.12PZ
15	15	50	20	59		BF.N	A1=41.8 B=7.5	15.50.BF.N.12PZ

注: 打开方式 BF 为半封闭型, N 为内侧打开型, BF.N 为半封闭内侧打开型。

Note: The opening way BF indicates the enclosed type, and N indicates the interior opening, BF.N indicates the enclosed interior opening type.

接头型号: 15...BF.N.12PZ=U 型斜角接头全套; 15...BF.N.1PZ=一端带孔; 15...BF.N.2PZ=一端带销

Model of connector: 15...BF.N.12PZ=U type bevel connector complete set; 15...BF.N.1PZ=one terminal with hole; 15...BF.N.2PZ=one terminal with pin

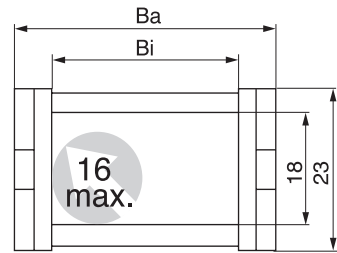
18 系列 – 不可打开

Series 18-non opening type



18...B.12PZ

示意图 Delineation



主要技术参数 Basic technical data

最大允许电缆外径 Max outer diameter of cable(mm)	16
最大水平悬空长度 Max horizontal hanging length(m)	1.1
最大允许行程 Max travel distance(m)	---
最大允许垂直悬挂 Max vertical hanging(m)	---

● 架空长度

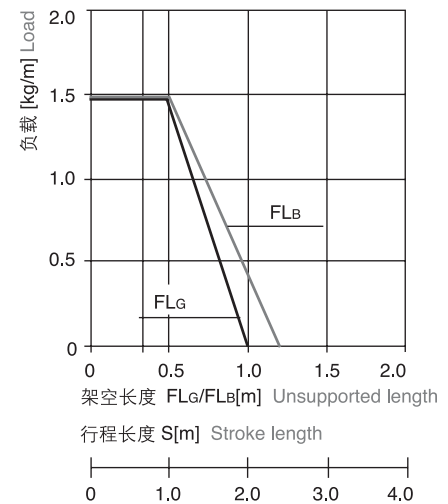
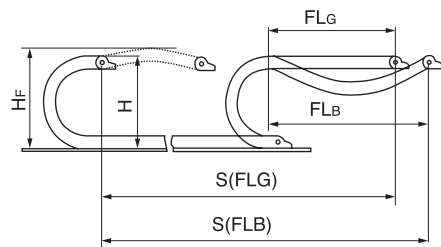
○ Unsupported length

FL_G= 直线架空长度

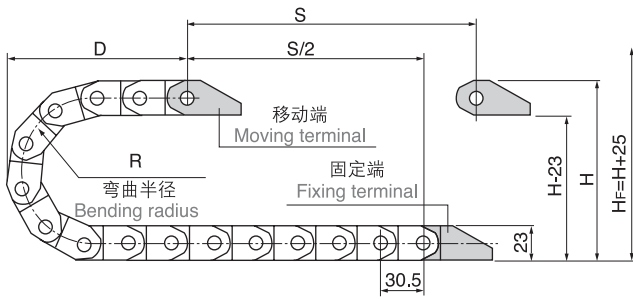
FL_G=Linear unsupported length

FL_B= 安全塌腰架空长度

FL_B= Safety bending unsupported length



- 节距=30.5mm, 每米节数=33, 链长=S/2+K, S=行程距离, K=π.R+“安全量”
- Pitch=30.5mm, link per meter=33, length of chain=S/2+K, S=stroke, K=π.R+“safety ratio”

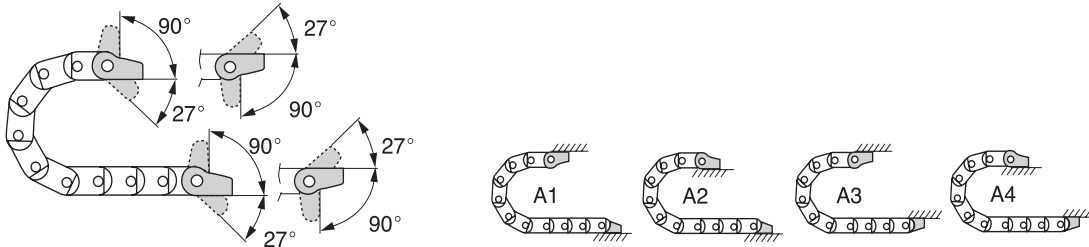


R	28	38	48	75	100
H	80	100	120	175	225
D	70	80	90	120	145
K	150	185	215	300	375

实际安装高度: $H_f=H+25\text{mm}$ (负载 0.5kg/m)
Actual mounting height: $H_f=H+25\text{mm}$ (load 0.5kg/m)

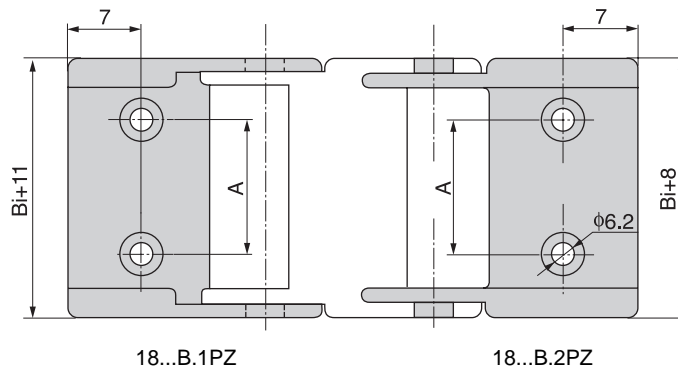
■ 可供选择的接头安装方式 Selectable connector mounting way

- 18...B.1PZ 带孔移动端 (外部链节)
- 18...B.1PZ moving terminal with the hole (external link)



- 18...B.2PZ 带销固定端 (内部链节)
- 18...B.2PZ fixed terminal with pin (external link)

■ 接头安装尺寸图 Connector mounting dimension drawing



■ 18 系列 – 不可打开 Series18-non opening type

系列号 Serial no.	内高 Hi	内宽 Bi	外高 H	外宽 Ba	弯曲半径 (R) Bending radius	打开方式 Opening way	对应接头孔距 (mm) Corresponding connector hole distance	接头订购型号 Ordering model of connector
18	18	25	23	36.5	38 48 75 100	B	A=14.5	18.25.B.12PZ
18	18	37	23	48.5		B	A=14.5	18.37.B.12PZ

注: 打开方式 B 为不可打开型。

Note: The opening way B indicates non opening type

接头型号: 18...B.12PZ=U 型斜角接头全套; 18...B.1PZ= 一端带孔; 18...B.2PZ= 一端带销

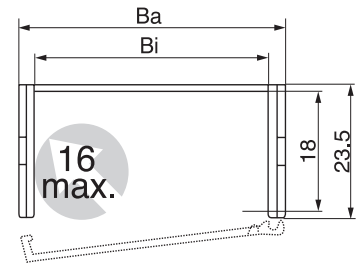
Model of connector: 18...B.12PZ=U type bevel connector complete set; 18...B.1PZ= one terminal with hole; 18...B.2PZ= one terminal with pin

18 系列 – 半封闭内侧打开

Series 18 Csemi-enclosed interior opening



示意图 Delineation



主要技术参数 Basic technical data

最大允许电缆外径 Max outer diameter of cable(mm)	16
最大水平悬空长度 Max horizontal hanging length(m)	1.2
最大允许行程 Max travel distance(m)	---
最大允许垂直悬挂 Max vertical hanging(m)	---

● 架空长度

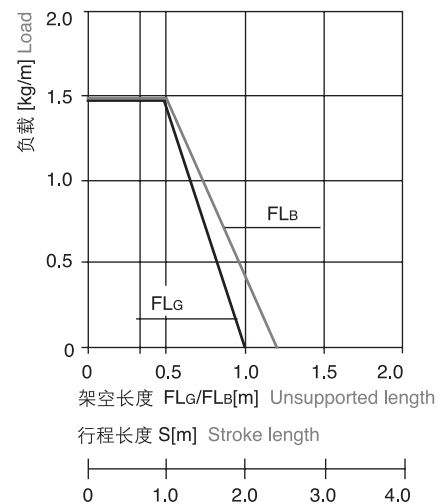
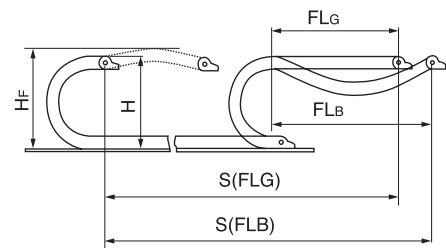
○ Unsupported length

FL_G = 直线架空长度

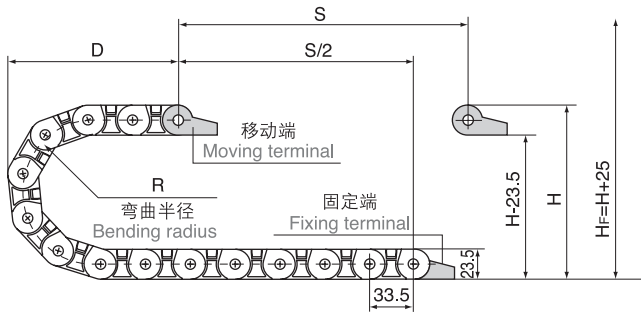
FL_G = Linear unsupported length

FL_B = 安全塌腰架空长度

FL_B = Safety bending unsupported length



- 节距=33.5mm, 每米节数=30, 链长=S/2+K, S=行程距离, K=π.R+“安全量”
- Pitch=33.5mm, link per meter=30, length of chain=S/2+K, S=stroke, K=π.R+“safety ratio”

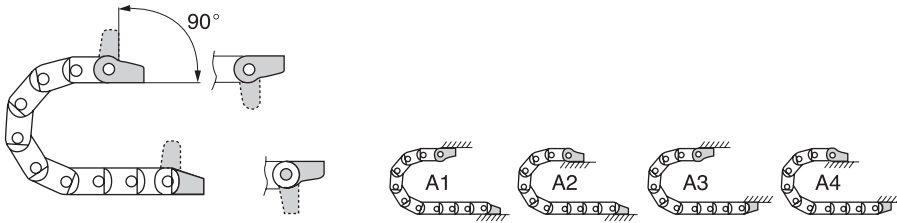


R	28	38	48	75	100
H	80	100	120	175	225
D	70	800	90	120	145
K	150	185	215	300	375

实际安装高度: $H_f = H + 25\text{mm}$ (负载 0.5kg/m)
Actual mounting height: $H_f = H + 25\text{mm}$ (load 0.5kg/m)

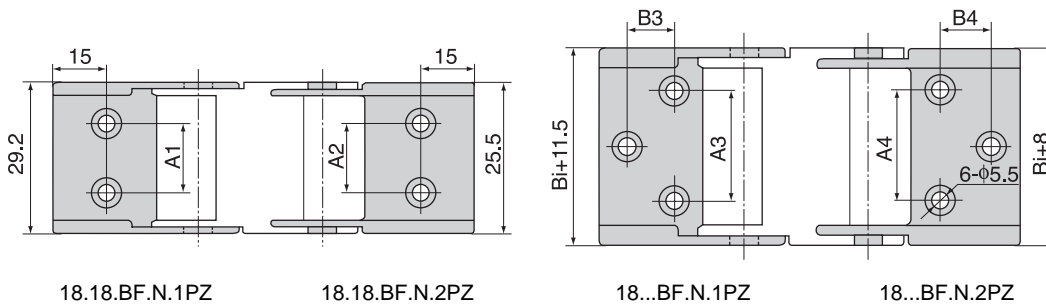
可供选择的接头安装方式 Selectable connector mounting way

- 18...BF.N.1PZ 带孔移动端 (外部链节)
- 18...BF.N.1PZ moving terminal with the hole (external link)



- 18...BF.N.2PZ 带销固定端 (内部链节)
- 18...BF.N.2PZ fixed terminal with pin (external link)

接头安装尺寸图 Connector mounting dimension drawing



18 系列 – 半封闭内侧打开 Series 18 Csemi-enclosed interior opening

系列号 Serial no.	内高 Hi	内宽 Bi	外高 H	外宽 Ba	弯曲半径 (R) Bending radius	打开方式 Opening way	对应接头孔距 (mm) Corresponding connector hole distance	接头订购型号 Ordering model of connector
18	18	18	23.5	28	28 38 48 75 100	BF.N	A1=14 A2=9.5	18.18.BF.N.12PZ
18	18	25	23.5	35		BF.N	A3=19.2 B3=10 A4=13.6 B4=10	18.25.BF.N.12PZ
18	18	37	23.5	47		BF.N	A3=29 B3=11 A4=25 B4=11	18.37.BF.N.12PZ
18	18	50	23.5	60		BF.N	A3=34.8 B3=7.5 A4=34.8 B4=7.5	18.50.BF.N.12PZ

注: 打开方式 BF 为半封闭型, N 为内侧打开型, BF.N 为半封闭内侧打开型。

Note: The opening way BF indicates the enclosed type, and N indicates the interior opening, BF.N indicates the enclosed interior opening type.

接头型号: 18...BF.N.12PZ=U 型斜角接头全套; 18...BF.N.1PZ=一端带孔; 18...BF.N.2PZ=一端带销

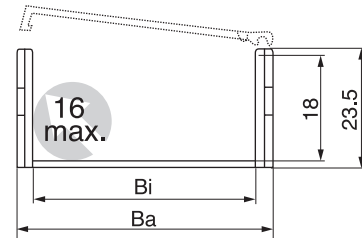
Model of connector: 18...BF.N.12PZ=U type bevel connector complete set; 18...BF.N.1PZ=one terminal with hole; 18...BF.N.2PZ=one terminal with pin

18 系列 – 外侧打开

Series 18-exterior opening



示意图 Delineation



主要技术参数 Basic technical data

最大允许电缆外径 Max outer diameter of cable(mm)	16
最大水平悬空长度 Max horizontal hanging length(m)	1.1
最大允许行程 Max travel distance(m)	---
最大允许垂直悬挂 Max vertical hanging(m)	---

● 架空长度

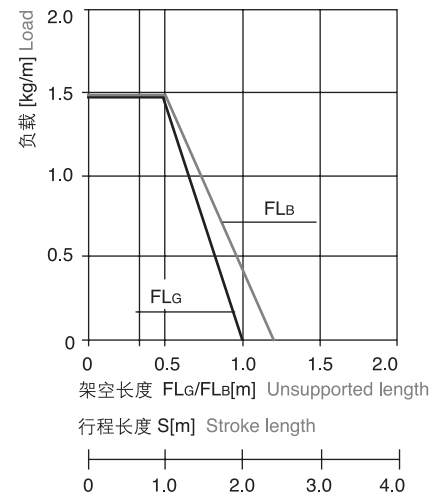
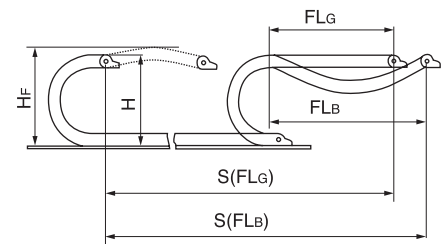
○ Unsupported length

FL_G= 直线架空长度

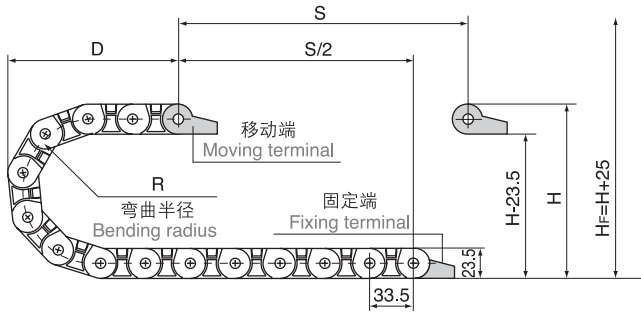
FL_G=Linear unsupported length

FL_B= 安全塌腰架空长度

FL_B= Safety bending unsupported length



- 节距=33.5mm, 每米节数=30, 链长=S/2+K, S=行程距离, K=π.R+“安全量”
- Pitch=33.5mm, link per meter=30, length of chain=S/2+K, S=stroke, K=π.R+“safety ratio”

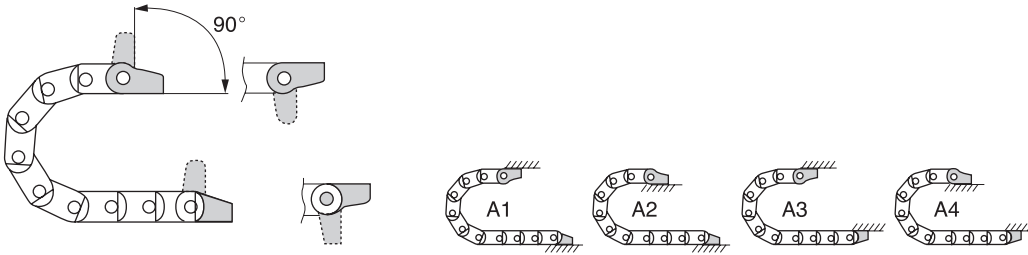


R	28	38	48	75	100
H	80	100	120	175	225
D	70	80	90	120	145
K	150	185	215	300	375

实际安装高度: $H_f=H+25\text{mm}$ (负载 0.5kg/m)
Actual mounting height: $H_f=H+25\text{mm}$ (load 0.5kg/m)

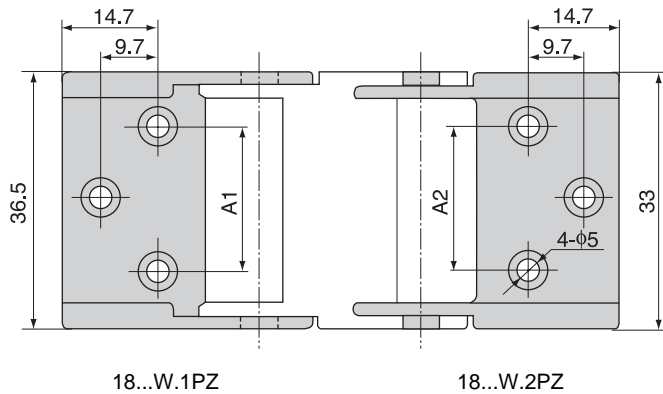
可供选择的接头安装方式 Selectable connector mounting way

- 18...W.1PZ 带孔移动端 (外部链节)
- 18...W.1PZ moving terminal with the hole (external link)



- 18...W.2PZ 带销固定端 (内部链节)
- 18...W.2PZ fixed terminal with pin (external link)

接头安装尺寸图 Connector mounting dimension drawing



18 系列 – 不可打开 Series 18-exterior opening

系列号 Serial no.	内高 Hi	内宽 Bi	外高 H	外宽 Ba	弯曲半径 (R) Bending radius	打开方式 Opening way	对应接头孔距 (mm) Corresponding connector hole distance	接头订购型号 Ordering model of connector
18	18	25	23.5	38	28 38 48 75 100	W	A1=19.2 A2=13.6	18.25.W.12PZ

注: 打开方式 W 为外侧打开型。

Note: The opening way W indicates non opening type

接头型号: 18...W.12PZ=U 型斜角接头全套; 18...W.1PZ=一端带孔; 18...W.2PZ=一端带销

Model of connector: 18...W.12PZ=U type bevel connector complete set; 18...W.1PZ= one terminal with hole; 18...W.2PZ= one terminal with pin

25 系列 – 两侧可打开

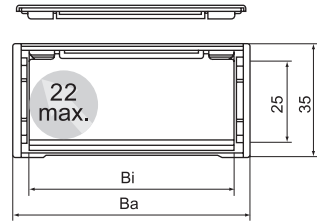
Series 25-Open on both sides



25...S.12PZ

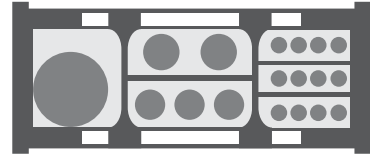
25...S.34PZ

示意图 Delineation



■ 可选用分隔片详细见 P34

Refer to page 34 for selectable shim in details.



■ 主要技术参数 Basic technical data

最大允许电缆外径 Max outer diameter of cable(mm)	22
最大水平悬空长度 Max horizontal hanging length(m)	1.3
最大允许行程 Max travel distance(m)	70
最大允许垂直悬挂 Max vertical hanging(m)	30

● 架空长度

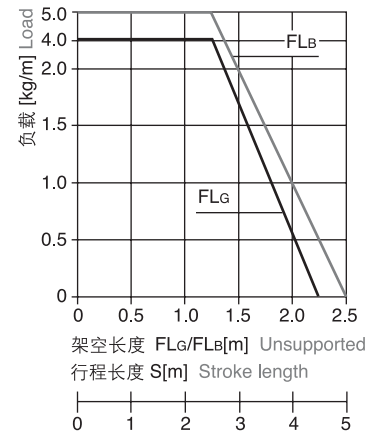
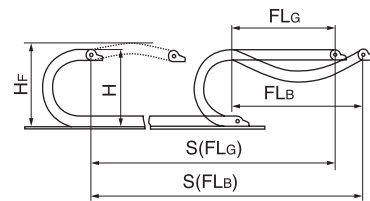
○ Unsupported length

FL_G = 直线架空长度

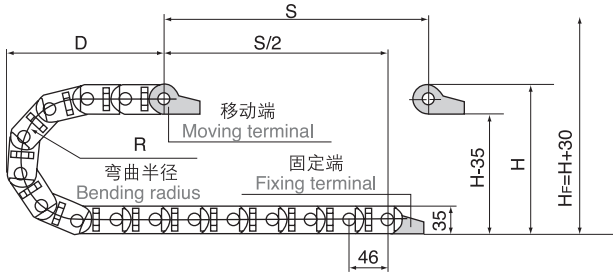
FL_G = Linear unsupported length

FL_B = 安全塌腰架空长度

FL_B = Safety bending unsupported length



- 节距=46mm, 每米节数=22, 链长=S/2+K, S=行程距离, $K=\pi \cdot R$ “安全量”
- Pitch=46mm, link per meter=22, length of chain=S/2+K, S=stroke, $K=\pi \cdot R$ “safety ratio”

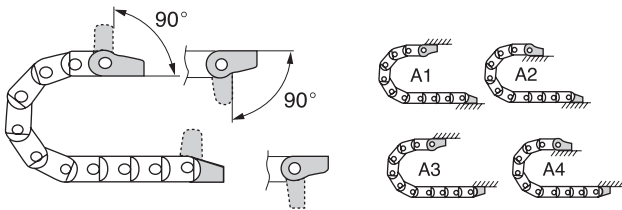


R	55	75	100	125	150	175	200	250
H	145	185	235	285	335	385	435	535
D	125	150	170	195	220	245	270	320
K	276	346	414	496	578	660	742	920

实际安装高度: $H_f=H+30\text{mm}$ (负载 1.0kg/m)
Actual mounting height: $H_f=H+30\text{mm}$ (load 1.0kg/m)

可供选择的接头安装方式 Selectable connector mounting way

- 25...S.1PZ 带孔移动端 (外部链节)
- 25...S.1PZ moving terminal with the hole (external link)



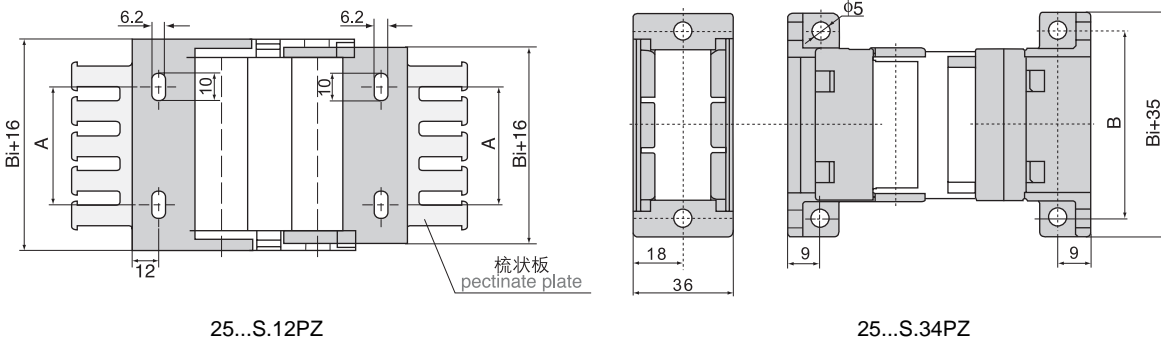
- 25...S.2PZ 带销固定端 (内部链节)
- 25...S.2PZ fixed terminal with pin (external link)

U型接头可配附件 – 梳状板

U type applicable connector assessor---pectinate plate



接头安装尺寸图 Connector mounting dimension drawing



25 系列 – 双面可打开 Series 25-Double-face opening

系列号 Serial no.	内高 Hi	内宽 Bi	外高 H	外宽 Ba	弯曲半径 (R) Bending radius	打开方式 Opening way	对应接头孔距 (mm) Corresponding connector hole distance	接头订购型号 Ordering model of connector
25/25F	25	25	25	38	*55 75 100 125 150 175 200 250	S	B=49.6	25...S.34PZ
25/25F	25	38	35	51		S	A=26 B=62.6	25.38.S.12PZ 25...S.34PZ
25/25F	25	57	35	71		S	A=45 B=81.6	25.57.S.12PZ 25...S.34PZ
25/25F	25	77	35	91		S	A=62 B=101.6	25.77.S.12PZ 25...S.34PZ

注: 打开方式 S 为双面可打开, 25F 为封闭系列, * 25F 系列中不存在此半径。

Note: Opening way S indicates the double side opening, 25F indicates the enclosed series, and series * 25F does not have this radius.

接头型号: 25...S.12PZ=U型斜角接头全套; 25...S.1PZ=一端带孔; 25...S.2PZ=一端带销;
25...S.34PZ=KMA 方形接头全套; 25...S.3PZ=一端带孔; 25...S.4PZ=一端带销

Model of connector: 25...S.12PZ=U type bevel connector complete set; 25...S.1PZ= one terminal with hole; 25...S.2PZ= one terminal with pin;
25...S.34PZ=KMA complete set of square connector; 25...S.3PZ= one terminal with hole; 25...S.4PZ= one terminal with pin

25 系列 – 连体内侧可打开

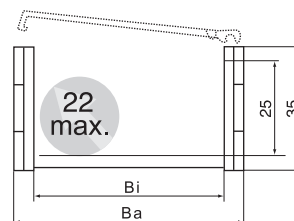
Series 25-connection interior opening



- 可用螺丝刀打开
- Opened with the screwdriver

25...N.12PZ

示意图 Delineation



主要技术参数 Basic technical data

最大允许电缆外径 Max outer diameter of cable(mm)	22
最大水平悬空长度 Max horizontal hanging length(m)	1.3
最大允许行程 Max travel distance(m)	30
最大允许垂直悬挂 Max vertical hanging(m)	15

● 架空长度

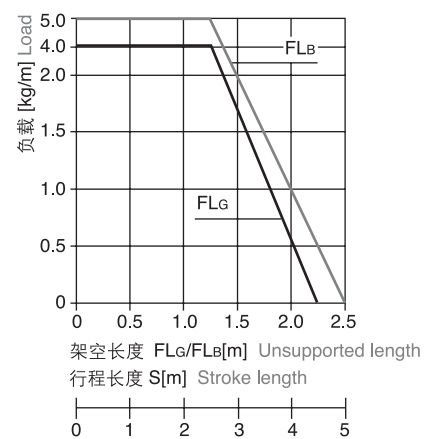
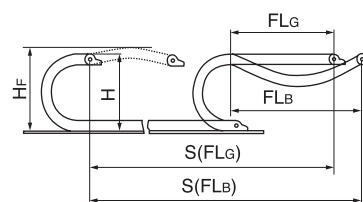
○ Unsupported length

FL_G = 直线架空长度

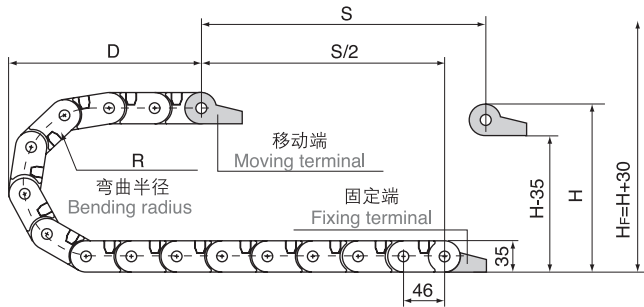
FL_G = Linear unsupported length

FL_B = 安全塌腰架空长度

FL_B = Safety bending unsupported length



- 节距=46mm, 每米节数=22, 链长=S/2+K, S=行程距离, $K=\pi \cdot R$ “安全量”
- Pitch=46mm, link per meter=22, length of chain=S/2+K, S=stroke, $K=\pi \cdot R$ “safety ratio”

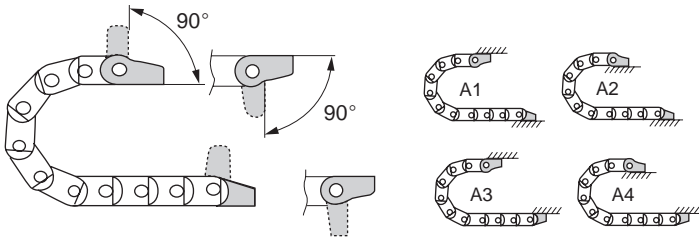


R	55	75	100	125	150	175	200	250
H	146	186	236	286	336	386	436	536
D	125	150	170	195	220	245	270	320
K	276	346	414	496	578	660	742	920

实际安装高度: $H_f=H+30\text{mm}$ (负载 1.0kg/m)
Actual mounting height: $H_f=H+30\text{mm}$ (load 1.0kg/m)

可供选择的接头安装方式 Selectable connector mounting way

25...N.1PZ 带孔移动端 (外部链节)
25...N.1PZ moving terminal with the hole (external link)



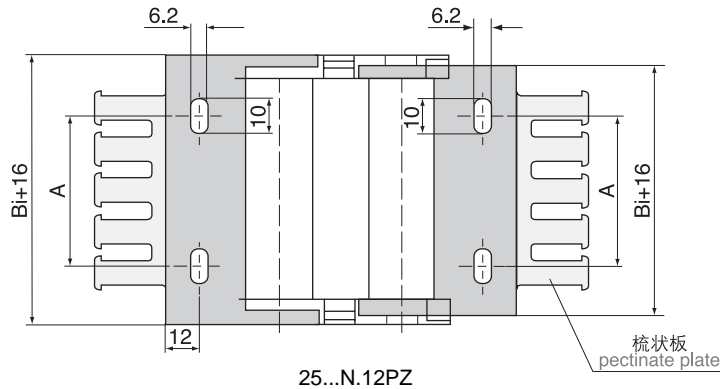
25...N.2PZ 带销固定端 (内部链节)
25...N.2PZ fixed terminal with pin (external link)

U型接头可配附件 - 梳状板

U type applicable connector assessor---pectinate plate



接头安装尺寸图 Connector mounting dimension drawing



25 系列 - 连体内侧打开 Series 25-connection interior opening

系列号 Serial no.	内高 Hi	内宽 Bi	外高 H	外宽 Ba	弯曲半径 (R) Bending radius	打开方式 Opening way	对应接头孔距 (mm) Corresponding connector hole distance	接头订购型号 Ordering model of connector
25	25	38	35.5	53.5	55 75 100 125 150 175 200 250	N	A=26	25.38.N.12PZ
25	25	*57	35.5	72.5		N	A=45	25.57.N.12PZ
25	25	*77	35.5	92.5		N	A=62	25.77.N.12PZ
25	25	*103	35.5	118.5		N	-----	25.103.N.12PZ

注: 打开方式 N 为内侧打开型, * 25 型号订货前需咨询。

Note: Opening way N indicates the interior opening, and please consult us about type * 25 before placing an order.

接头型号: 25...N.12PZ=U 型斜角接头全套; 25...N.1PZ= 一端带孔; 25...N.2PZ= 一端带销

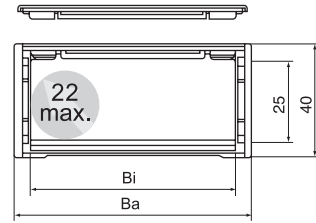
Model of connector: 25...N.12PZ=U type bevel connector complete set; 25...N.1PZ= one terminal with hole; 25...N.2PZ= one terminal with pin

N25 系列 – 两侧可打开

Series N25-Open on both sides

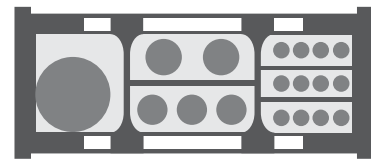


示意图 Delineation



可选用分隔片详细见 P34

Refer to page 34 for selectable shim in details.



主要技术参数 Basic technical data

最大允许电缆外径 Max outer diameter of cable(mm)	22
最大水平悬空长度 Max horizontal hanging length(m)	1.3
最大允许行程 Max travel distance(m)	30
最大允许垂直悬挂 Max vertical hanging(m)	15

● 架空长度

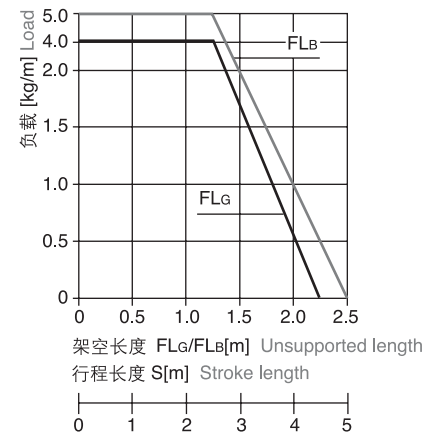
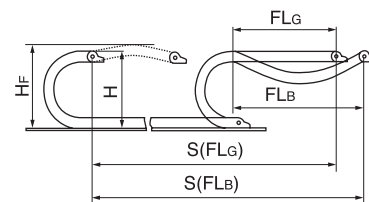
○ Unsupported length

FL_G = 直线架空长度

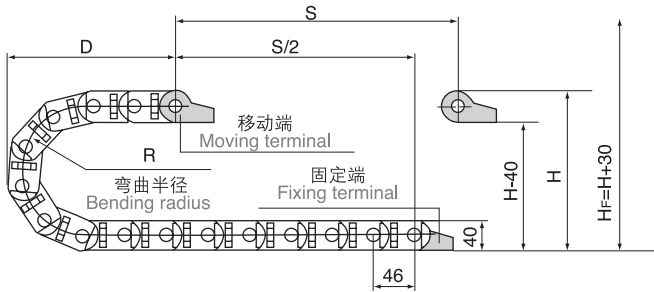
FL_G = Linear unsupported length

FL_B = 安全塌腰架空长度

FL_B = Safety bending unsupported length



- 节距=46mm, 每米节数=22, 链长=S/2+K, S=行程距离, K=π·R+“安全量”
- Pitch=46mm, link per meter=22, length of chain=S/2+K, S=stroke, K=π·R+“safety ratio”

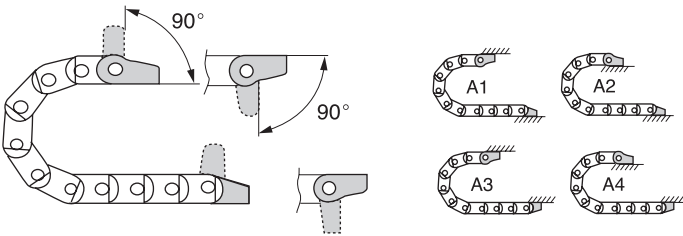


R	55	75	100	125	150	175	200	250
H	150	190	240	290	340	390	440	540
D	125	150	170	195	220	245	270	320
K	276	346	414	496	578	660	742	920

实际安装高度: $H_f=H+30\text{mm}$ (负载 1.0kg/m)
Actual mounting height: $H_f=H+30\text{mm}$ (load 1.0kg/m)

可供选择的接头安装方式 Selectable connector mounting way

N25...S.1PZ 带孔移动端 (外部链节)
N25...S.1PZ moving terminal with the hole (external link)



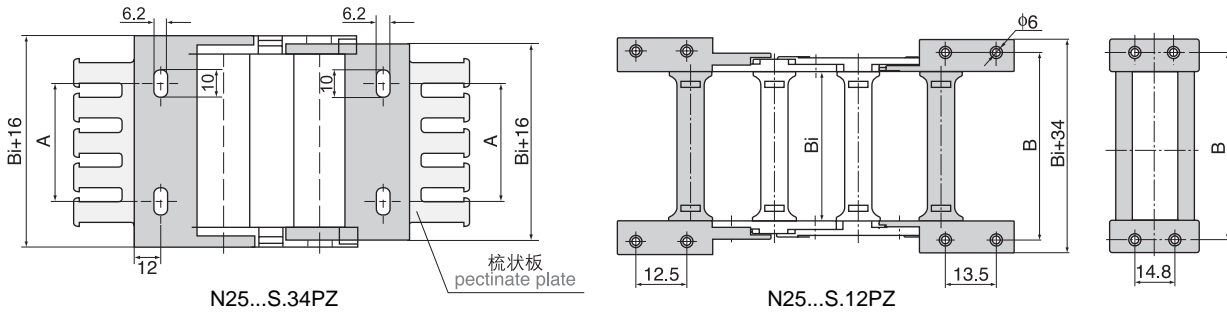
N25...S.2PZ 带销固定端 (内部链节)
N25...S.2PZ fixed terminal with pin (external link)

U型接头可配附件 - 梳状板

U type applicable connector accessory---pectinate plate



接头安装尺寸图 Connector mounting dimension drawing



N25 系列 - 两侧可打开 Series N25-Open on both sides

系列号 Serial no.	内高 Hi	内宽 Bi	外高 H	外宽 Ba	弯曲半径 (R) Bending radius	打开方式 Opening way	对应接头孔距 (mm) Corresponding connector hole distance	接头订购型号 Ordering model of connector
N25/N25F	25	38	40	55	*55 75 100 125 150 175 200 250	S	A=26 B=62.8	N25.38.S.12PZ N25...S.34PZ
N25/N25F	25	57	40	74		S	A=45 B=81.8	N25.57.S.12PZ N25...S.34PZ
N25/N25F	25	77	40	94		S	A=62 B=101.8	N25.77.S.12PZ N25...S.34PZ
N25/N25F	25	103	40	120		S	----- B=127.8	N25...S.34PZ

注: 打开方式 S 为双向打开型, * 25F 系列中不存在此半径。
Note: Opening way S indicates the double side opening, and series * 25F does not have this radius.

接头型号: N25...S.12PZ=U 型斜角接头全套; N25...S.1PZ=一端带孔; N25...S.2PZ=一端带销;
N25...S.34PZ=KMA 方形接头全套; N25...S.3PZ=一端带孔; N25...S.4PZ=一端带销

Model of connector: N25...S.12PZ=U type bevel connector complete set; N25...S.1PZ=one terminal with hole; N25...S.2PZ=one terminal with pin;
N25...S.34PZ=KMA complete set of square connector; N25...S.3PZ=one terminal with hole; N25...S.4PZ=one terminal with pin

S25 低噪音系列 – 两侧可打开

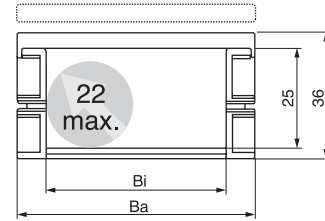
Low noise series S25-Open on both sides



- 可用螺丝刀打开
- Opened with the screwdriver

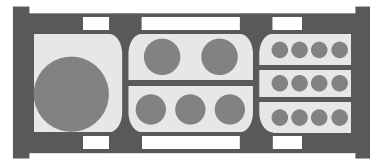
S25...S.34PZ

示意图 Delineation



可选用分隔片详细见 P34

Refer to page 34 for selectable shim in details.



主要技术参数 Basic technical data

最大允许电缆外径	Max outer diameter of cable(mm)	22
最大水平悬空长度	Max horizontal hanging length(m)	1.3
最大允许行程	Max travel distance(m)	30
最大允许垂直悬挂	Max vertical hanging(m)	15

● 架空长度

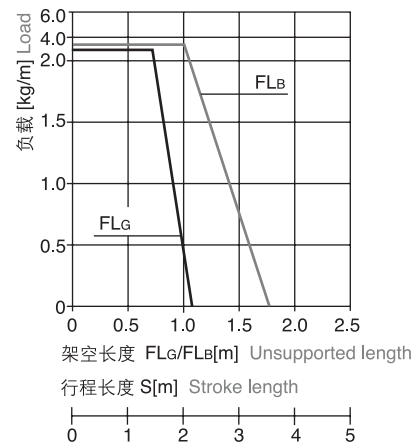
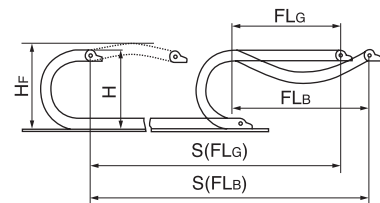
○ Unsupported length

FL_G = 直线架空长度

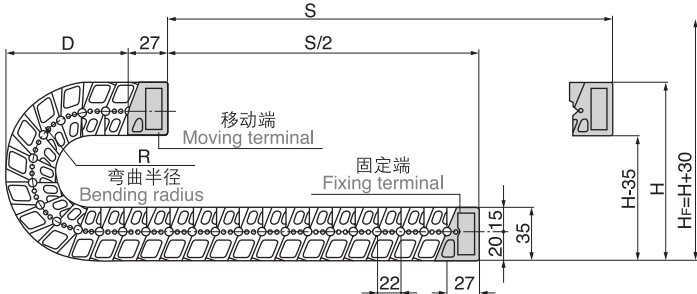
FL_G = Linear unsupported length

FL_B = 安全塌腰架空长度

FL_B = Safety bending unsupported length



- 节距=22mm, 每米节数=46, 链长=S/2+K, S=行程距离, $K=\pi.R+$ “安全量”
- Pitch=22mm, link per meter=46, length of chain=S/2+K, S=stroke, $K=\pi.R+$ “safety ratio”

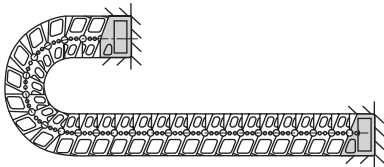


R	055	075	100	150
H	150	190	240	340
D	97	117	142	192
K	220	280	360	520

实际安装高度: $H_f=H+30\text{mm}$ (负载 1.0kg/m)
Actual mounting height: $H_f=H+30\text{mm}$ (load 1.0kg/m)

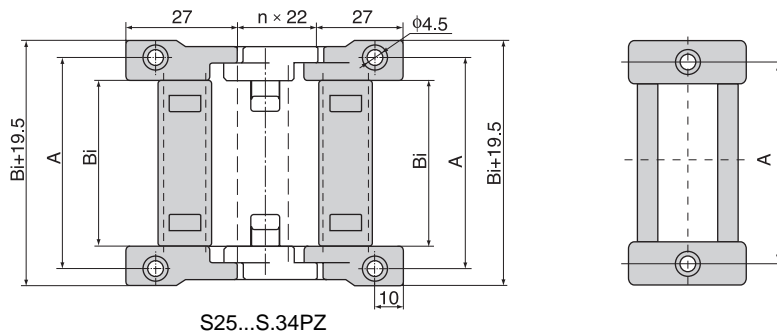
■ 可供选择的接头安装方式 Selectable connector mounting way

S25...S.3PZ 带孔移动端 (外部链节)
S25...S.3PZ moving terminal with the hole (external link)



S25...S.4PZ 带销固定端 (内部链节)
S25...S.4PZ fixed terminal with pin (external link)

■ 接头安装尺寸图 Connector mounting dimension drawing



S25...S.34PZ

■ S25 低噪音系列 – 两侧可打开 Low noise series S25-Open on both sides

系列号 Serial no.	内高 Hi	内宽 Bi	外高 H	外宽 Ba	弯曲半径 (R) Bending radius	打开方式 Opening way	对应接头孔距 (mm) Corresponding connector hole distance	接头订购型号 Ordering model of connector
S25	25	38	36	55	R ≥ 55	S	A=Bi+10	S25...S.34PZ
S25	25	57	36	74		S	A=Bi+10	S25...S.34PZ
S25	25	77	36	94		S	A=Bi+10	S25...S.34PZ
S25	25	*103	36	120		S	A=Bi+10	S25...S.34PZ

注: 打开方式 S 为两侧可打开型, *25 型号订货前需咨询, R=55 时每隔一个链节有横杆

Note: Opening way S indicates the open on both sides, and please consult us about type *25 before placing an order, At R=55, every link has a cross bar.

接头型号: S25...S.34PZ=KMA 方形接头全套; S25...S.3PZ=一端带孔; S25...S.4PZ=一端带销

Model of connector: S25...S.34PZ=KMA complete set of square connector; S25...S.3PZ= one terminal with hole; S25...S.4PZ= one terminal with pin

30 系列 – 两侧可打开

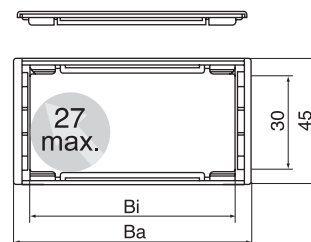
Series 30-Open on both sides



- 可用螺丝刀打开
- Opened with the screwdriver

30...S.34PZ

示意图 Delineation



主要技术参数 Basic technical data

最大允许电缆外径 Max outer diameter of cable(mm)	27
最大水平悬空长度 Max horizontal hanging length(m)	1.5
最大允许行程 Max travel distance(m)	40
最大允许垂直悬挂 Max vertical hanging(m)	20

● 架空长度

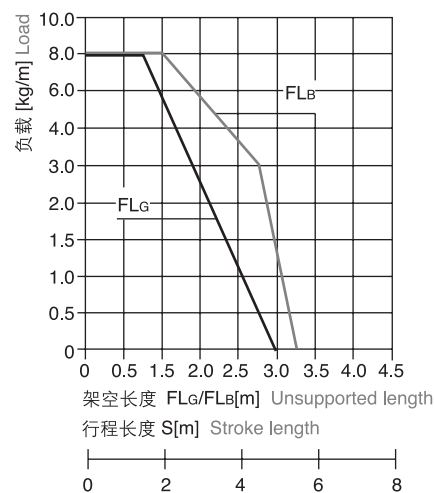
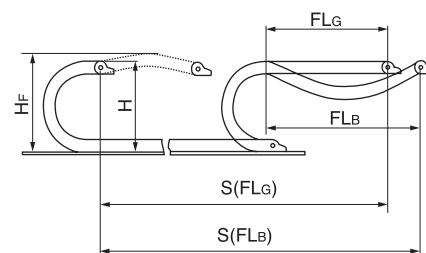
○ Unsupported length

FL_G = 直线架空长度

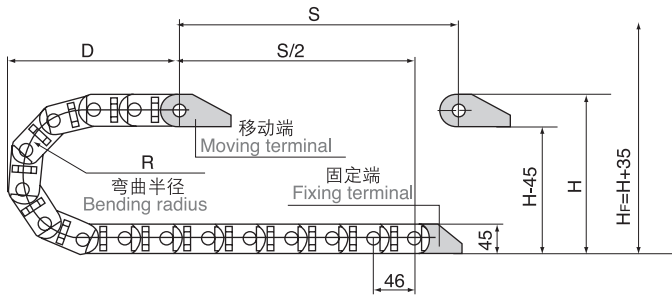
FL_G = Linear unsupported length

FL_B = 安全塌腰架空长度

FL_B = Safety bending unsupported length



- 节距 46mm, 每米节数 =22, 链长 =S/2+K, S= 行程距离, $K=\pi.R+$ “安全量”
- Pitch=46mm, link per meter=22, length of chain=S/2+K, S=stroke, $K=\pi.R+$ “safety ratio”

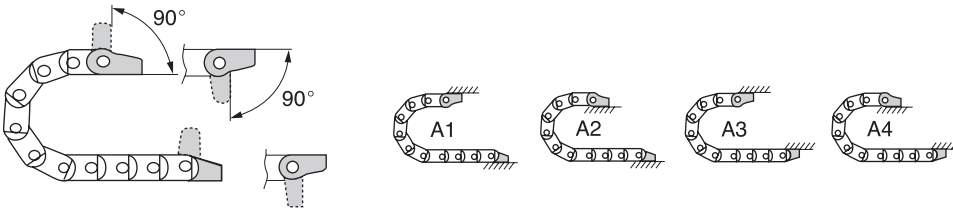


R	055	075	100	125	150	175	200	250
H	155	195	245	295	345	395	445	545
D	125	145	170	195	220	145	270	320
K	265	330	410	485	565	645	725	880

实际安装高度: $H_f=H+35\text{mm}$ (负载 1kg/m)
Actual mounting height: $H_f=H+35\text{mm}$ (load 1kg/m)

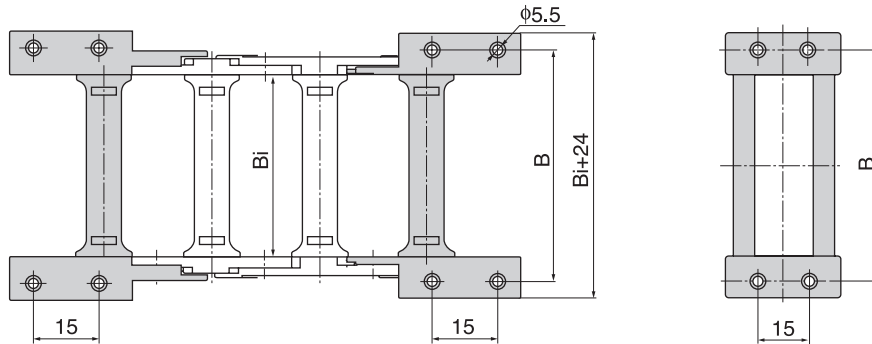
■ 可供选择的接头安装方式 Selectable connector mounting way

- 30...S.1PZ 带孔移动端 (外部链节)
- 30...S.1PZ moving terminal with the hole (external link)



- 30...S.2PZ 带销固定端 (内部链节)
- 30...S.2PZ fixed terminal with pin (external link)

■ 接头安装尺寸图 Connector mounting dimension drawing



30...S.12PZ

■ 30 系列 – 两侧可打开 Series 30-Open on both sides

系列号 Serial no.	内高 Hi	内宽 Bi	外高 H	外宽 Ba	弯曲半径 (R) Bending radius	打开方式 Opening way	对应接头孔距 (mm) Corresponding connector hole distance	接头订购型号 Ordering model of connector
30/30F	30	38	45	55	*75 100 125 150 175 200 250	S	B=50	30...S.34PZ
30/30F	30	57	45	74		S	B=69	30...S.34PZ
30/30F	30	77	45	94		S	B=89	30...S.34PZ
30/30F	30	103	45	120		S	B=115	30...S.34PZ

注: 打开方式 S 为两侧打开型, 30F 为封闭式, *30F 系列中不存在此半径。

Note: Opening way S indicates the open on both sides, 30F indicates the enclosed series, and series * 30F does not have this radius.

接头型号: 30...S.34PZ=KMA 方形接头全套; 30...S.3PZ= 一端带孔; 30...S.4PZ= 一端带销

Model of connector: 30...S.34PZ=KMA complete set of square connector; 30...S.3PZ= one terminal with hole; 30...S.4PZ= one terminal with pin

35 系列 – 两侧可打开

Series 35-Open on both sides

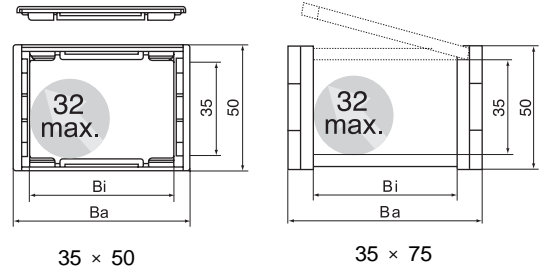


- 可用螺丝刀打开
- Opened with the screwdriver

35.50.S.34PZ

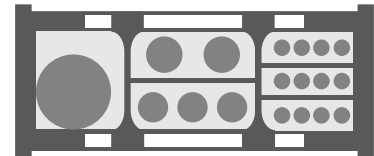
35.75.S.12PZ

示意图 Delineation



■ 可选用分隔片详细见 P34

Refer to page 34 for selectable shim in details.



■ 主要技术参数 Basic technical data

最大允许电缆外径	Max outer diameter of cable(mm)	32
最大水平悬空长度	Max horizontal hanging length(m)	1.5
最大允许行程	Max travel distance(m)	60
最大允许垂直悬挂	Max vertical hanging(m)	20

● 架空长度

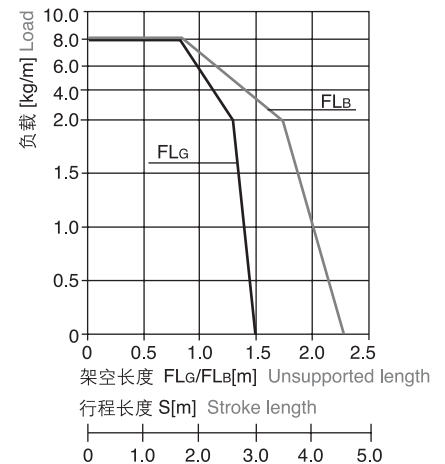
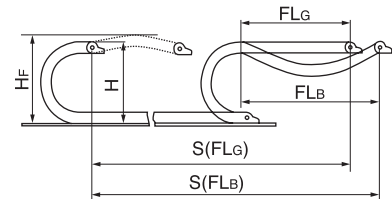
○ Unsupported length

FL_G = 直线架空长度

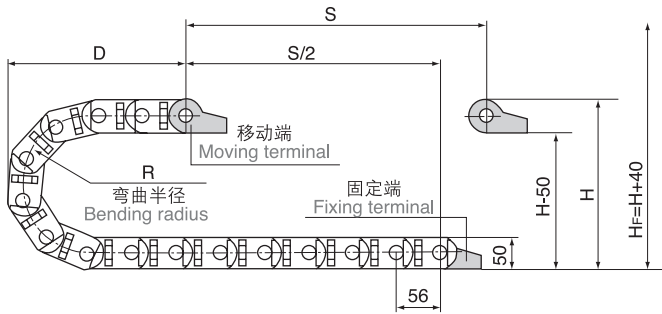
FL_G = Linear unsupported length

FL_B = 安全塌腰架空长度

FL_B = Safety bending unsupported length



- 节距=56mm, 每米节数=18, 链长=S/2+K, S=行程距离, K=π.R+“安全量”
- Pitch=56mm, link per meter=18, length of chain=S/2+K, S=stroke, K=π.R+“safety ratio”

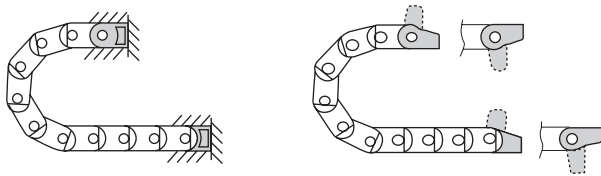


R	075	100	125	150	200	250
H	200	250	300	350	450	550
D	150	175	200	225	275	325
K	375	475	550	650	825	925

实际安装高度: $H_f = H + 40\text{mm}$ (负载 1.7kg/m)
Actual mounting height: $H_f = H + 40\text{mm}$ (load 1.7kg/m)

可供选择的接头安装方式 Selectable connector mounting way

- 35...S.3PZ 带孔移动端 (外部链节)
35...S.3PZ moving terminal with the hole (external link)



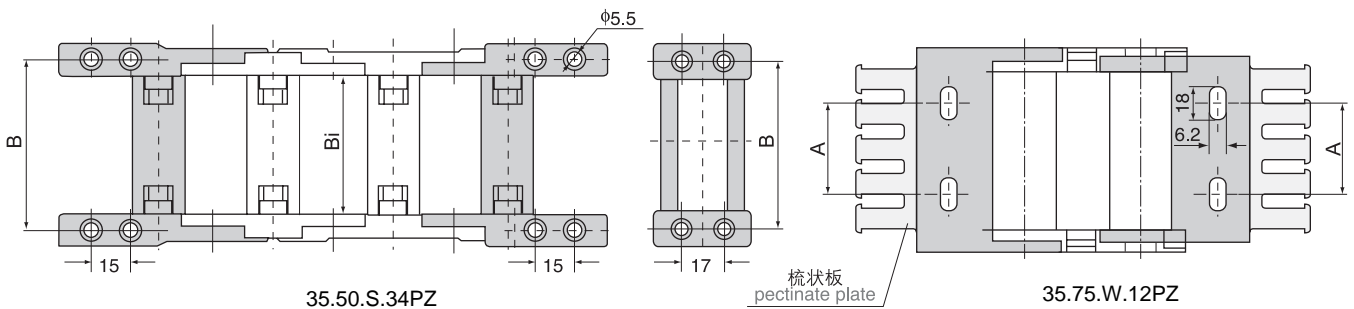
- 35...S.4PZ 带销固定端 (内部链节)
35...S.4PZ fixed terminal with pin (external link)

U型接头可配附件 - 梳状板

U type applicable connector assessorry---pectinate plate



接头安装尺寸图 Connector mounting dimension drawing



35 系列 - 两侧打开, 外侧打开 Series 35-Open on both sides, exterior opening

系列号 Serial no.	内高 Hi	内宽 Bi	外高 H	外宽 Ba	弯曲半径 (R) Bending radius	打开方式 Opening way	对应接头孔距 (mm) Corresponding connector hole distance	接头订购型号 Ordering model of connector
35	35	50	50	67	75 100 125 150 200 250	S	A=55	35...S.34PZ
35	35	75	50	92	75	W	B=62	35...W.12PZ

注: 打开方式 S 为两侧打开型, W 为外侧打开。

Note: Opening way S indicates the open on both sides, W indicates the type of the exterior opening.

接头型号: 35.50.S.34PZ= 方形接头全套; 35.50.S.3PZ= 一端带孔; 35.50.S.4PZ= 一端带销;

35.75.W.12PZ=U 型斜角接头全套; 35.75.W.1PZ= 一端带孔; 35.75.W.2PZ= 一端带销

Model of connector: 35.50.S.34PZ= complete set of square connector; 35.50.S.3PZ= one terminal with hole; 35.50.S.4PZ= one terminal with pin

35.75.W.12PZ=U type bevel connector complete set; 35.75.W.1PZ= one terminal with hole; 35.75.W.2PZ= one terminal with pin

N35 系列 – 两侧可打开

Series N35-Open on both sides

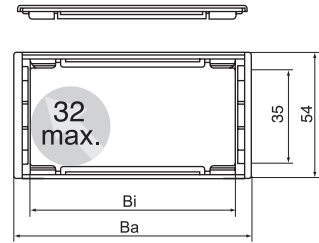


- 可用螺丝刀打开
- Opened with the screwdriver



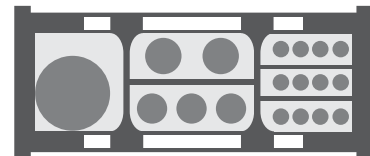
N35...S.34PZ

示意图 Delineation



可选用分隔片详细见 P34

Refer to page 34 for selectable shim in details.



主要技术参数 Basic technical data

最大允许电缆外径	Max outer diameter of cable(mm)	32
最大水平悬空长度	Max horizontal hanging length(m)	1.9
最大允许行程	Max travel distance(m)	70
最大允许垂直悬挂	Max vertical hanging(m)	30

● 架空长度

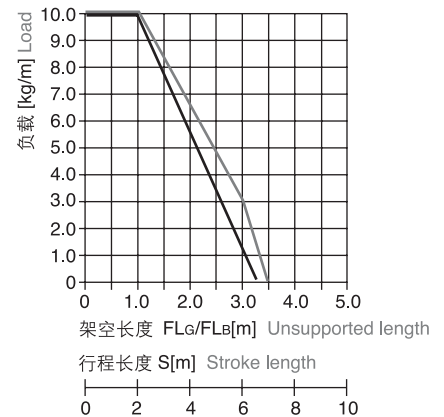
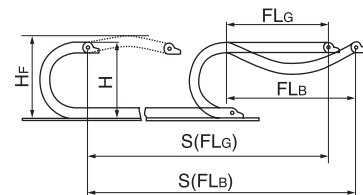
○ Unsupported length

FL_G = 直线架空长度

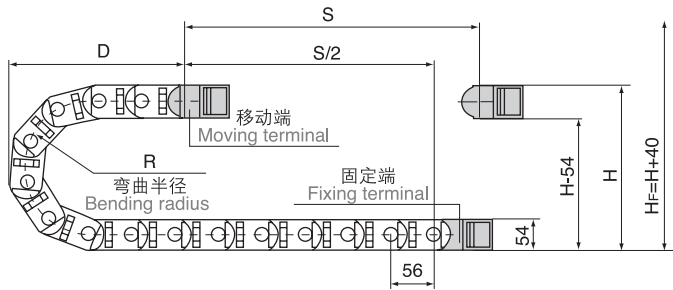
FL_G = Linear unsupported length

FL_B = 安全塌腰架空长度

FL_B = Safety bending unsupported length



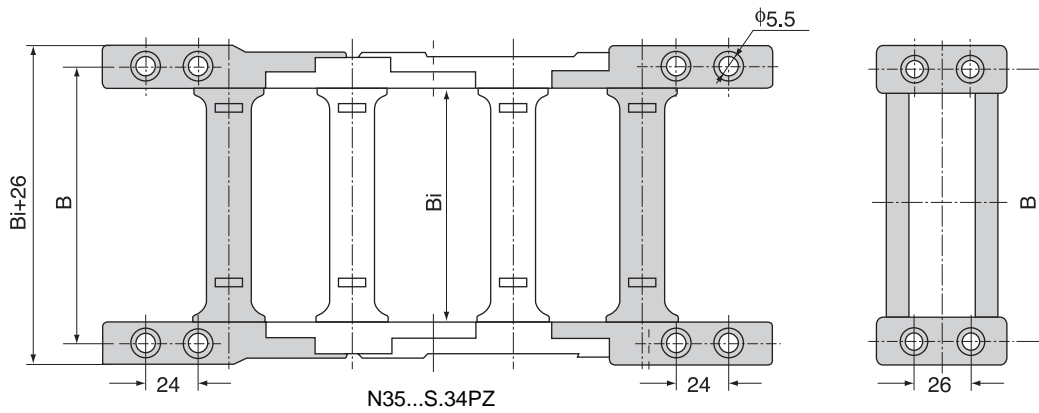
- 节距=56mm,每米节数=18,链长=S/2+K, S=行程距离, K=π.R+“安全量”
- Pitch=56mm, link per meter=18, length of chain=S/2+K, S=stroke, K=π.R+“safety ratio”



R	075	100	125	150	200	250
H	200	250	300	350	450	550
D	150	175	200	225	275	325
K	375	475	550	650	825	925

实际安装高度: $H_f=H+40\text{mm}$ (负载 2.0kg/m)
Actual mounting height: $H_f=H+45\text{mm}$ (load 2.0kg/m)

■ 接头安装尺寸图 Connector mounting dimension drawing



■ N35 系列 – 两侧可打开 Series N35-Open on both sides

系列号 Serial no.	内高 Hi	内宽 Bi	外高 H	外宽 Ba	弯曲半径 (R) Bending radius	打开方式 Opening way	对应接头孔距 (mm) Corresponding connector hole distance	接头订购型号 Ordering model of connector
N35	35	50	55	70	* 75 100 125 150 175 200 250	S	B=64	N35...S.34PZ
N35/N35F	35	75	55	95		S	B=89	N35...S.34PZ
N35/N35F	35	100	55	120		S	B=114	N35...S.34PZ
N35/N35F	35	125	55	145		S	B=139	N35...S.34PZ
N35/N35F	35	150	55	170		S	B=164	N35...S.34PZ
N35	35	175	55	195		S	B=189	N35...S.34PZ

注: 打开方式 S 为两侧打开型, N35F 为封闭系列, *N35F 系列中不存在此半径。

Note: Opening way S indicates the open on both sides, and series *N35F does not have this radius.

接头型号: N35...S.34PZ=KMA 方形接头全套; N35...S.3PZ=一端带孔; N35...S.4PZ=一端带销

Model of connector: N35...S.34PZ=KMA complete set of square connector; N35...S.3PZ= one terminal with hole; N35...S.4PZ= one terminal with pin

45 系列 – 两侧可打开

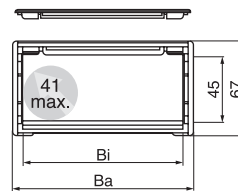
Series 45-Open on both sides



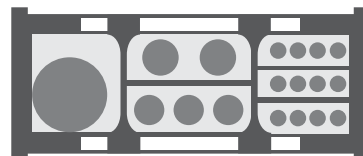
● 可用螺丝刀打开
○ Opened with the screwdriver

45...S.34PZ

示意图 Delineation



■ 可选用分隔片详细见 P34
Refer to page 34 for selectable shim in details.



主要技术参数 Basic technical data

最大允许电缆外径	Max outer diameter of cable(mm)	41
最大水平悬空长度	Max horizontal hanging length(m)	2.8
最大允许行程	Max travel distance(m)	80
最大允许垂直悬挂	Max vertical hanging(m)	30

● 架空长度

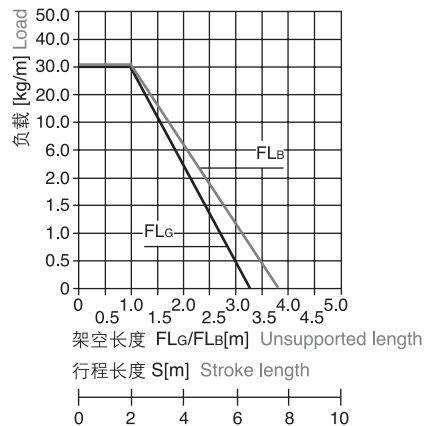
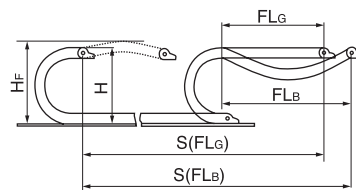
○ Unsupported length

FL_G = 直线架空长度

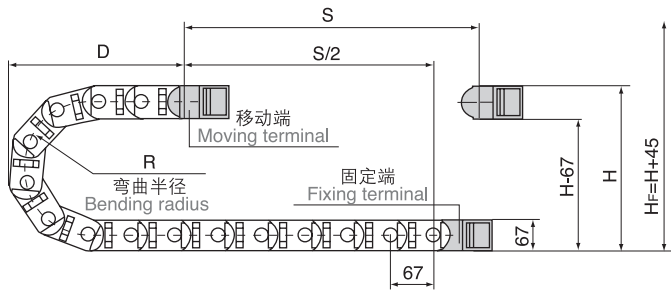
FL_G = Linear unsupported length

FL_B = 安全塌腰架空长度

FL_B = Safety bending unsupported length



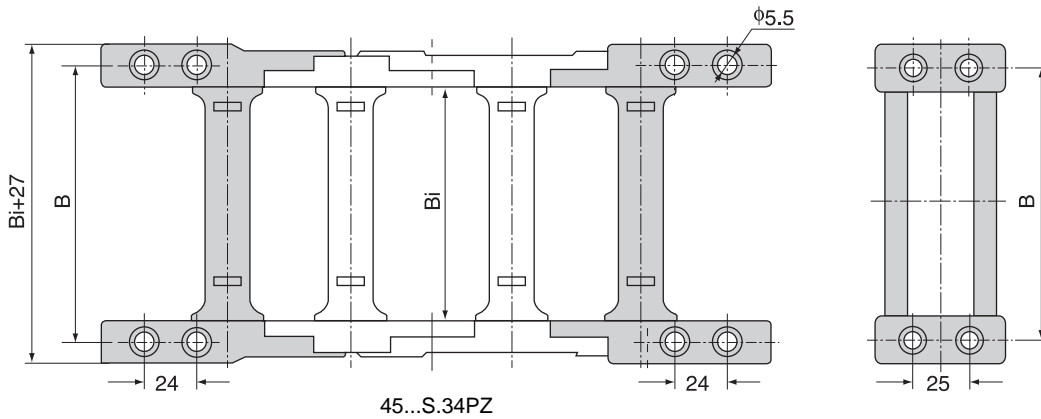
- 节距=67mm, 每米节数=15, 链长=S/2+K, S=行程距离, $K=\pi \cdot R$ “安全量”
- Pitch=67mm, link per meter=15, length of chain=S/2+K, S=stroke, $K=\pi \cdot R$ “safety ratio”



R	100	125	150	200	225	250	300
H	267	317	367	467	517	567	667
D	200	225	250	300	325	350	400
K	500	650	725	875	975	1050	1224

实际安装高度: $H_f = H + 45\text{mm}$ (负载 2.2kg/m)
Actual mounting height: $H_f = H + 45\text{mm}$ (load 2.2kg/m)

■ 接头安装尺寸图 Connector mounting dimension drawing



■ 45 系列 – 两侧可打开 Series 45-Open on both sides

系列号 Serial no.	内高 Hi	内宽 Bi	外高 H	外宽 Ba	弯曲半径 (R) Bending radius	打开方式 Opening way	对应接头孔距 (mm) Corresponding connector hole distance	接头订购型号 Ordering model of connector
45	45	50	67	74	*75 100 125 150 175 200 250 300	S	B=65.5	45...S.34PZ
45	45	75	67	99		S	B=90.5	45...S.34PZ
45/45F	45	100	67	124		S	B=115.5	45...S.34PZ
45/45F	45	125	67	149		S	B=140.5	45...S.34PZ
45/45F	45	150	67	174		S	B=165.5	45...S.34PZ
45/45F	45	175	67	199		S	B=190.5	45...S.34PZ
45	45	200	67	224		S	B=215.5	45...S.34PZ

注: 打开方式 S 为两侧打开型, 45F 为封闭系列。*45F 系列中不存在此半径。

Note: Opening way S indicates the open on both sides, 45F indicates the enclosed series, and series *45F does not have this radius.

接头型号: 45...S.34PZ=KMA 方形接头全套; 45...S.3PZ= 一端带孔; 45...S.4PZ= 一端带销

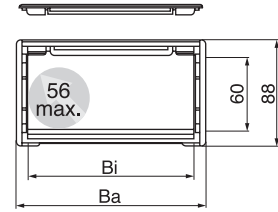
Model of connector: 45...S.34PZ=KMA complete set of square connector; 45...S.3PZ= one terminal with hole; 45...S.4PZ= one terminal with pin

60 系列 – 两侧可打开

Series 60-Open on both sides

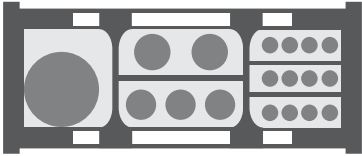


示意图 Delineation



■ 可选用分隔片详细见 P34

Refer to page 34 for selectable shim in details.



■ 主要技术参数 Basic technical data

最大允许电缆外径	Max outer diameter of cable(mm)	56
最大水平悬空长度	Max horizontal hanging length(m)	3.8
最大允许行程	Max travel distance(m)	---
最大允许垂直悬挂	Max vertical hanging(m)	---

● 架空长度

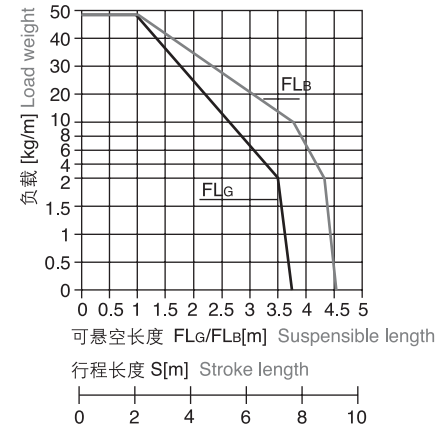
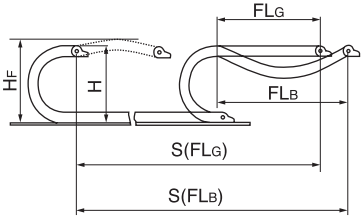
○ Unsupported length

FL_G = 直线架空长度

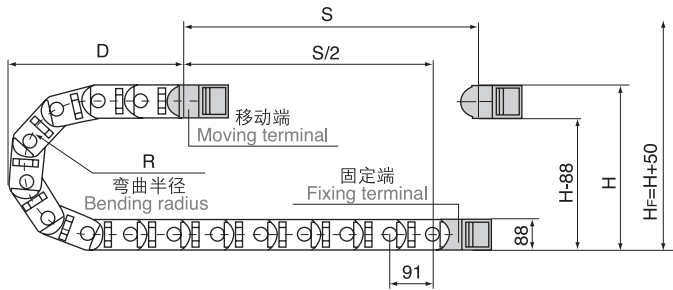
FL_G = Linear unsupported length

FL_B = 安全塌腰架空长度

FL_B = Safety bending unsupported length



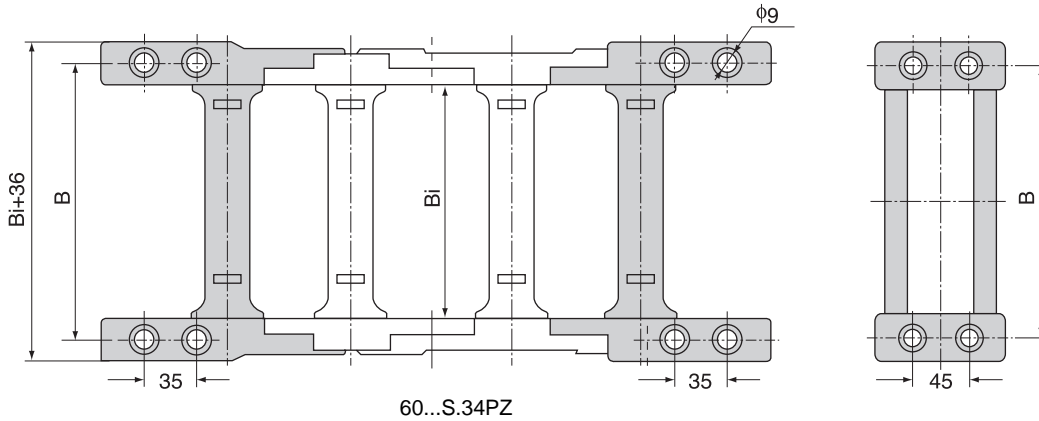
- 节距=91mm, 每米节数=11, 链长=S/2+K, S=行程距离, $K=\pi.R+$ “安全量”
- Pitch=91mm, link per meter=11, length of chain=S/2+K, S=stroke, $K=\pi.R+$ “safety ratio”



	R	135	150	175	200	250	300	350	400	500
H	360	388	438	488	588	688	788	888	888	1088
D	270	285	310	335	385	435	485	535	535	635
K	650	750	825	900	1020	1225	1340	1450	1450	1775

实际安装高度: $H_f=H+50\text{mm}$ (负载 3.0kg/m)
Actual mounting height: $H_f=H+50\text{mm}$ (load 3.0kg/m)

■ 接头安装尺寸图 Connector mounting dimension drawing



■ 60 系列 – 两侧可打开 Series 60-Open on both sides

系列号 Serial no.	内高 Hi	内宽 Bi	外高 H	外宽 Ba	弯曲半径 (R) Bending radius	打开方式 Opening way	对应接头孔距 (mm) Corresponding connector hole distance	接头订购型号 Ordering model of connector
60	60	75	88	111	135 150 175 200 250 300 350 400 500	S	B=98.5	60...S.34PZ
60	60	100	88	136		S	B=123.5	60...S.34PZ
60	60	150	88	186		S	B=148.5	60...S.34PZ
60	60	200	88	236		S	B=173.5	60...S.34PZ
60	60	300	88	336		S	B=198.5	60...S.34PZ

注: 打开方式 S 为两侧可打开型。

Note: Opening way S indicates the open on both sides.

接头型号: 60...S.34PZ=KMA 方形接头全套; 60...S.3PZ= 一端带孔; 60...S.4PZ= 一端带销

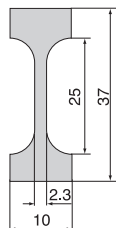
Model of connector: 60...S.34PZ=KMA complete set of square connector; 60...S.3PZ= one terminal with hole; 60...S.4PZ= one terminal with pin

内部分隔配件

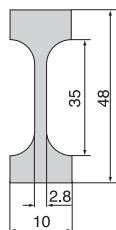
Inner separating part



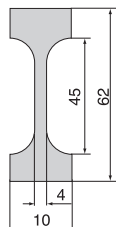
25 系列分隔片
25 series shim



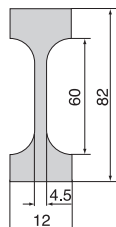
35 系列分隔片
35 series shim



45 系列分隔片
45 series shim



*60 系列分隔片
*60 series shim



- 可以沿拖链横截面的任何一点放置分隔片，每一个链节都可安装分隔片

- Put a shim in any position along the cross section of tow chain, and the shim can be mounted in every link.

- 用于装有粗电缆或不同介质管时，或许多电缆直径不同时，使用分隔片可以调节间隔，具备可靠的稳定性。

- If it is used for the pipe loading with the thick cable or different mediums or many cables are different in diameters, the shim can be used to adjust the space, therefore, the product has the reliable stability.

金福隆拖链材料数据
Data of Jinfulong tow chain material

性质 Properties		试验方法 Astm	单位 Unir	试验条件 Test conditions		测试值 Articles
机械性质 mechanical	拉伸强度 (Tensile strength at yield)	D638	kg/cm ²	1/8" Sample		1178
	拉伸模数 (Tensile modulus)		kg/cm ²			70140
	拉伸断裂点 (Tear strength at break)		kg/cm ²			1178
	伸长率 (Elongation at break)		%			2
	弯曲强度 (Flexural yield)	D790	kg/cm ²	1/8" Sample		1653
	弯曲模数 (Flexural modulus)					69527
悬臂梁缺口冲击 (机械加工) Izod notch impact (machine processing)	D256	kg/cm ²	1/4 × 1/2 × 5/2 Sample	23℃	5.30	
			1/8 × 1/2 × 5" Sample	-20℃	-	
				-40℃	-	
				23℃	5.33	
耐热性质 Thermal	热变型温度 Heat distortion temp	D648	℃	1/8" × 1/2" × 5/2" Sample	4.6 kg/cm ²	-
	燃烧性 Flammability				186 kg/cm ²	-
	1/8" Sample	-				
		1/16" Sample	-			
其它 Others	比重 (Specific gravity)	D792	g/cm ³	23℃ Brinell		1.36
	硬度 (Hardness)	D2240	D			81.5
	最大吸水性 (Max water absorption)		%			5
	摩擦系数 (Frictional coefficient)		%			0.3
面积模收缩率 (Erea mould shrinkage)	D955	%	23℃ Brinell		-	
成型条件 Moldable condition	料筒温度 (Cylinder temperature)	-	℃	-		-
	成型压力 (Molding pressure)	-	-	-		-
	模具温度 (Mold temperature)	-	-	-		-

产品包装参数
Product packing parameters

规格 Standard	弯曲半径 Bending radius	打开方式 Opening way	拖链重量 / kg Weight of tow chain	接头型式 / kg Type of connector	净重 / kg N.W.	毛重 / kg G.W.	尺寸 Dimension	装箱数量 / m Packing qty.
7 × 7	R28	B	14.70	U/0.81	15.51	16.31	45 × 30 × 28	210
10 × 10	R28	B	15.75	U/0.56	16.31	17.11	45 × 30 × 28	105
	R18	B	15.75	U/0.56	16.31	17.11	45 × 30 × 28	105
10 × 15	R28	B	15.20	U/0.79	15.99	16.93	45 × 30 × 39	95
10 × 20	R28	B	14.00	U/0.68	14.68	15.62	45 × 30 × 39	80
	R18	B	14.00	U/0.68	14.69	15.62	45 × 30 × 39	80
15 × 15	R28	BF.N	19.60	U/0.72	20.32	21.26	45 × 30 × 39	70
15 × 20	R28	B	26.50	U/1.31	27.81	28.75	61 × 41 × 32	100
	R28	BF.N	28.50	U/1.24	29.74	30.68	61 × 41 × 32	100
15 × 30	R28	B	24.40	U/1.32	25.72	26.66	61 × 41 × 32	80
	R28	BF.N	26.40	U/1.32	27.72	28.66	61 × 41 × 32	80
15 × 40	R28	B	20.10	U/1.10	21.20	22.14	61 × 41 × 32	60
	R28	BF.N	22.80	U/0.94	23.74	24.68	61 × 41 × 32	60
15 × 50	R28	BF.N	21.25	U/0.88	22.13	23.07	61 × 41 × 32	50
	R48	BF.N	21.25	U/0.88	22.13	23.07	61 × 41 × 32	50
18 × 18	R38	BF.N	21.00	U/1.17	22.17	23.11	61 × 41 × 32	70
	R48	BF.N	21.00	U/1.17	22.17	23.11	61 × 41 × 32	70
18 × 25	R38	B	20.16	U/1.10	21.26	22.20	61 × 41 × 32	63
	R48	B	20.16	U/1.10	21.26	22.20	61 × 41 × 32	63
	R38	W	21.42	U/1.10	22.52	23.46	61 × 41 × 32	63
	R75	W	21.42	U/1.10	22.52	23.46	61 × 41 × 32	63
	R38	BF.N	21.42	U/1.10	22.52	23.46	61 × 41 × 32	63
	R60	BF.N	21.42	U/1.10	22.52	23.46	61 × 41 × 32	63
18 × 37	R38	B	17.28	U/0.97	18.25	19.19	61 × 41 × 32	48
	R48	B	17.28	U/0.97	18.25	19.19	61 × 41 × 32	48
	R38	BF.N	18.55	U/1.10	19.65	20.59	61 × 41 × 32	35
25 × 25	R75	S	25.90	U/2.59	28.49	29.80	61 × 41 × 32	35
25 × 25F	R75	SF	28.35	KMA/2.80	31.10	32.42	61 × 41 × 32	35
25 × 38	R75	S	21.00	U/1.19	22.19	23.51	61 × 41 × 32	25
25 × 38F	R75	SF	22.50	U/1.19	23.69	25.00	61 × 41 × 32	25
N25 × 38	R75	S	24.87	U/1.19	26.06	27.37	61 × 41 × 32	25
N25 × 38F	R75	SF	29.30	U/1.19	30.49	31.80	61 × 41 × 32	25
25 × 57	R75	S	17.50	U/1.11	18.61	19.92	61 × 41 × 32	20
25 × 57F	R75	SF	21.40	U/1.11	22.51	23.82	61 × 41 × 32	20
N25 × 57	R75	S	22.00	U/1.11	23.11	24.42	61 × 41 × 32	20
N25 × 57F	R75	SF	26.30	U/1.11	27.41	28.72	61 × 41 × 32	20
25 × 77	R75	S	15.06	U/0.91	15.97	17.28	61 × 41 × 32	15
25 × 77F	R75	SF	17.85	U/0.91	18.76	20.07	61 × 41 × 32	15
N25 × 77	R75	S	17.55	U/0.91	18.46	19.77	61 × 41 × 32	15
N25 × 77F	R75	SF	21.75	U/0.91	22.66	23.97	61 × 41 × 32	15

规格 Standard	弯曲半径 Bending radius	打开方式 Opening way	拖链重量 / kg Weight of tow chain	接头型式 / kg Type of connector	净重 / kg N.W.	毛重 / kg G.W.	尺寸 Dimension	装箱数量 / m Packing qty.
25 × 38	R75	S	21.00	KMA/2.00	23.00	23.32	61 × 41 × 32	25
25 × 38F	R75	SF	22.50	KMA/2.00	24.50	25.81	61 × 41 × 32	25
N25 × 38	R75	S	24.87	KMA/2.90	27.77	28.96	61 × 41 × 32	25
N25 × 38F	R75	SF	29.30	KMA/2.90	32.20	33.51	61 × 41 × 32	25
25 × 57	R75	S	17.50	KMA/1.70	19.20	20.51	61 × 41 × 32	20
25 × 57F	R75	SF	21.40	KMA/1.70	23.10	24.41	61 × 41 × 32	20
N25 × 57	R75	S	22.00	KMA/2.33	24.33	25.64	61 × 41 × 32	20
N25 × 57F	R75	SF	26.30	KMA/2.33	28.63	29.95	61 × 41 × 32	20
25 × 77	R75	S	15.06	KMA/1.50	16.56	17.87	61 × 41 × 32	15
25 × 77F	R75	SF	17.85	KMA/1.50	19.35	20.66	61 × 41 × 32	15
N25 × 77	R75	SF	17.55	KMA/2.10	19.65	20.96	61 × 41 × 32	15
N25 × 77F	R75	SF	21.75	KMA/2.10	23.85	25.17	61 × 41 × 32	15
N25 × 103	R75	S	20.48	KMA/2.56	23.04	24.45	61 × 41 × 51	16
35 × 50	R75	S	22.00	KMA/2.69	24.69	26.69	114 × 38 × 25	18
35 × 75	R75	W	15.18	U/2.82	18.00	20.00	114 × 38 × 25	12
N35 × 75	R75	S	19.32	KMA/2.82	22.14	24.14	114 × 38 × 25	12
N35 × 75F	R75	SF	21.36	KMA/2.82	24.18	26.18	114 × 38 × 25	12
N35 × 100	R75	S	20.34	KMA/3.01	23.35	25.35	114 × 38 × 28	12
N35 × 100F	R75	SF	23.94	KMA/3.01	26.95	28.95	114 × 38 × 28	12
N35 × 125	R75	S	22.68	KMA/3.24	25.92	27.92	114 × 38 × 37	12
N35 × 125F	R75	SF	25.08	KMA/3.24	28.32	30.32	114 × 38 × 37	12
N35 × 150	R75	S	24.48	KMA/3.24	27.72	29.72	114 × 38 × 37	12
N35 × 150F	R75	SF	28.56	KMA/3.24	31.79	33.79	114 × 38 × 37	12
N35 × 200	R75	S	14.60	KMA/1.93	16.53	18.53	114 × 38 × 28	6
45 × 50	R100	S	27.45	KMA/4.59	32.04	34.04	114 × 38 × 28	15
45 × 75	R100	S	20.55	KMA/3.40	23.95	25.95	114 × 38 × 25	10
45 × 75F	R100	SF	23.10	KMA/3.40	26.50	28.50	114 × 38 × 25	10
45 × 100	R100	S	21.25	KMA/3.57	24.82	26.82	114 × 38 × 28	10
45 × 100F	R100	SF	25.00	KMA/3.57	28.57	30.57	114 × 38 × 28	10
45 × 125	R100	S	22.90	KMA/3.77	26.67	28.67	114 × 38 × 37	10
45 × 125F	R100	SF	27.15	KMA/3.77	30.92	32.92	114 × 38 × 37	10
45 × 150	R100	S	24.40	KMA/3.96	28.36	30.36	114 × 38 × 37	10
45 × 150F	R100	SF	29.00	KMA/3.96	32.96	34.96	114 × 38 × 37	10
45 × 175	R100	S	13.00	KMA/1.88	14.88	16.88	114 × 38 × 25	5
45 × 175F	R100	SF	15.33	KMA/1.88	17.21	19.21	114 × 38 × 28	5
45 × 200	R100	S						
45 × 200F	R100	SF						

备注: U 型为连体斜接头, KMA 型为标准型方接头。

Note: Type U is the integrated diagonal connector, type KMA is the standard square connector.

打开方式: B: 不可打开; BF.N: 半封闭内侧打开; S: 两侧可打开; SF: 全封闭两侧打开

Opening way: B: Non opening; BF.N: Semi-enclosed interior opening; S: Open on both sides; SF: Full-enclosed open on both sides

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