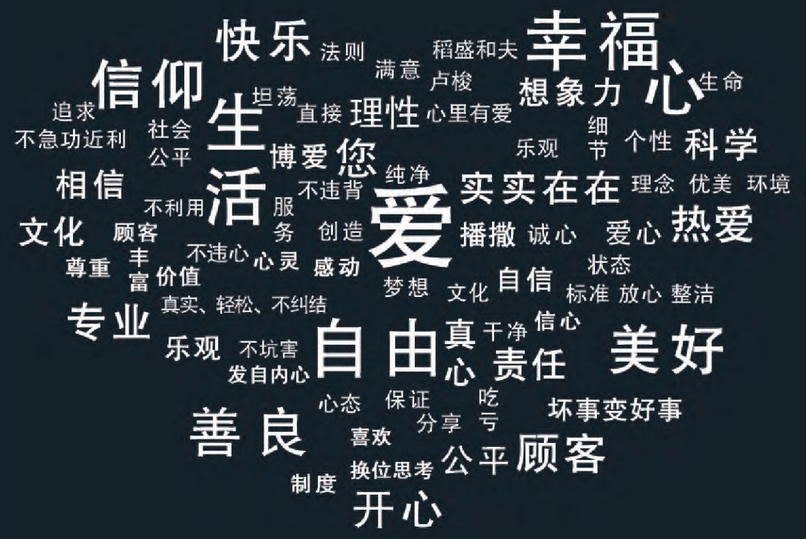


两个六®
BOTHSIX

## 东莞市明德塑胶有限公司


**电话：0769-89775289**
**手机：135 3729 5399**
**网址：http//www.towline.cn**
**地址：广东省东莞市樟木头镇莞樟路段9号3栋122**


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BOTHSIX CATALOGUE

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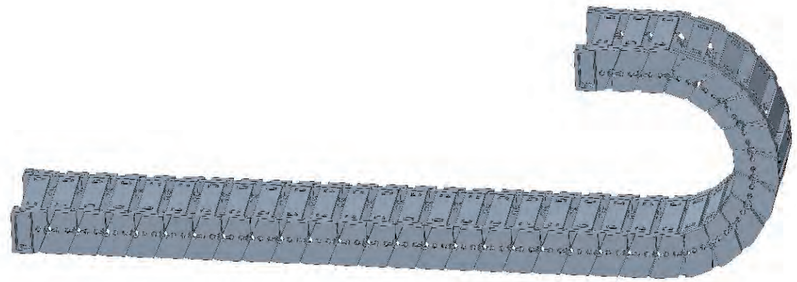

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C A B L E C H A I N S

## 为数据及能量的动态输送提供解决方案

# 两个六
BOTHSIX PROFILE 简介




东莞市明德塑胶有限公司成立于2015年，品牌“两个六(BOTHSIX)”是一家专注服务于自动化装备配件研发、生产及销售的创新型高科技企业，位于大湾区复地东莞市工业重镇塘厦镇硅谷动力工业园。公司技术研发实力雄厚，顺应市场需求及潮流不断创新。

工厂自成立以来，始终坚持以人为本、诚信立业，创新发展的经营原则，荟萃业界精英。工厂人才机构合理，配套齐全，质量上乘，服务周到，专业尽职。产品广泛应用于喷印设备，机械手，机器人，新能源，按摩设备，CNC数控机床，智能车间等。

我们立志打造优质，高效，进步，共享，廉洁的企业，立志成为同行业标杆，凭产品获得尊重，靠服务赢取赞誉。我们秉承着“质量是企业生命、服务是企业信誉、人才是企业关键、创新是发展动力的理念”，不断创新、研发，我们用我们的激情，用我们雷厉风行的作风，用我们坚定的执行力，担负起对企业，对客户，对市场的责任，使我们脚下方寸之地，成为硕果累累的希望之地。我们与强者同力，智者同道，与能者同心誓要打造国际一流品牌。

# 企业文化
CORPORATE CULTURE

## 企业愿景

**“成为数据与能量动态输送领域的领导者”**

以创新驱动技术突破，以品质赢得行业信赖，打造拖链领域的标杆品牌，让每一台精密设备都因我们的产品而更高效、更可靠。

## 企业使命

**“以科技传递能量，用匠心链接未来”**

我们致力于为客户提供数据与能量的高效传输解决方案，在追求全体员工物质与精神双幸福的同时，推动制造业智能化升级，让科技发展惠及社会，创造可持续的美好未来。

## 核心价值

1. 创新引领 — 持续研发，突破技术边界。
2. 客户信赖 — 以品质和服务赢得认可。
3. 员工幸福 — 让每一位伙伴共享成长红利 。
4. 客户至上—以需求为中心，提供卓越服务与产品。
5. 诚信担当—言行一致，对结果负责，坚守道德底线。

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**成为拖链行业标杆企业，做一家与时俱进的自动化配件**

## ■ BOTHSIX型号分类代码

| | | | |
|---|---|---|---|
| JY：静音可开 | FS：轻型封闭 | QF：增强封闭 | JM：静音不可开 |
| QB：桥式不开 | BF：半封可开 | GD：钢骨拖链 | DS：静音经济款 |
| QS：桥式可开 | HD：增强桥式 | S型：双向拖链 | XK：静音可开 |

JY高速静音



QB桥式不开



QS桥式可开



FS封闭可开



BF半封可开



HD增强桥式



QF增强封闭



GD钢骨拖链



S型双向拖链



## ■ 明德拖链拆卸/组装方式

JY静音拆卸图



1



用螺丝刀按箭头方向
撬起横盖片

2



拆下拖链上面和
下面的横盖片

3



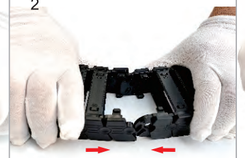
用螺丝刀撬开侧片
往两边拉开拖链

JY静音组装图



按结构区分好左右侧片
并卡入卡扣位

2



推进旋转使节与节
之间卡扣位相合

3



稍微抬起一侧
使拖链更容易扣入

4

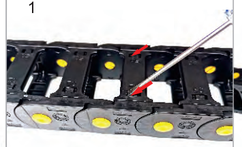


按下并扣入横盖片定位

HD黄点桥式拆卸图



1



用螺丝刀按箭头方向
撬起上面和下面的横盖片

2



用锤子和螺丝刀敲出
两侧的黄色链接扣

3



用螺丝刀撬开侧片
往两边拉开拖链

HD黄点桥式组装图



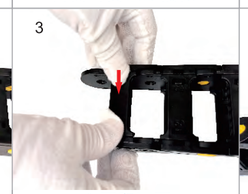
左右侧片定位
按花纹区分好左右侧片

2



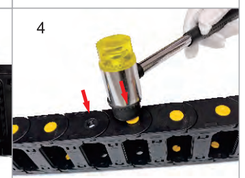
侧片卡入卡扣位固定

3



上面和下面
装上横盖片定位

4



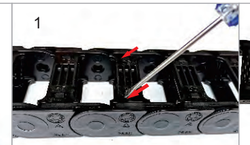
用锤子敲入黄扣
组装完成

## ■ 明德拖链拆卸/组装方式

QS桥式可开拆卸图

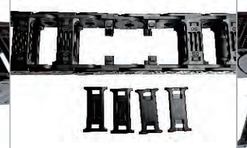


1



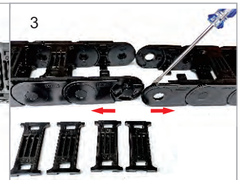
用螺丝刀按箭头方向
撬起横盖片

2



拆下拖链上面和
下面的横盖片

3



用螺丝刀撬开侧片
往两边拉开拖链

QS桥式可开组装图

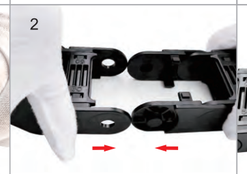


1



按花纹区分好左右侧片
卡入卡扣位

2



推进旋转使节与节
之间卡扣位相合

3



上面和下面
装上横盖片定位

BF 半封闭拆卸图

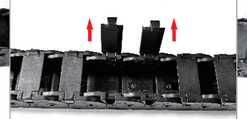


1



按拖链螺丝刀的位置
撬起上面的横盖片

2



用螺丝刀按箭头方向
撬起上面的横盖片

3



用螺丝刀撬开侧片
往两边拉开拖链

BF 半封闭组装图



1



推进旋转使节与节
之间卡扣位相合

2



拖链节与节的链接完成

3



按下并扣入横盖片定位

## 两个六拖链

二十年专业为您提供可靠稳定的产品和全方位的专业服务。
拖链质保365天！

### “我们的产品哪里好？”



**选材优良**

选用高性能尼龙树脂Zytel□ Pa聚酰胺尼龙的多种用途已被数以千计的应用所证实。材料科学资源利用实际知识和经验开展协作，提供久经验证的尼龙系列树脂，满足各种性能需求。



**品质保证**

热流道模具注塑制件成型周期缩短。节省塑料在纯热流道模具中因没有冷浇道，所以无生产费料减少废品，提高产品质量，消除后续工序，生产自动化提高生产效率。




**保护线管**

增加倒勾，优化盖片结构，圆弧设计大大减少摩擦，外窄内宽，更换易打开，不易脱落，维护简单，安全可靠节能降耗，运转灵活，经久耐用，功率强大，性能优良，保护线管。



**经久耐用**

经过运行测试可运行1000万次以上。抗压冲击性能强，韧性好不断裂，不变形。耐湿和耐化学性能外，耐热、耐寒、适应温度 -20-120度。质保365天！

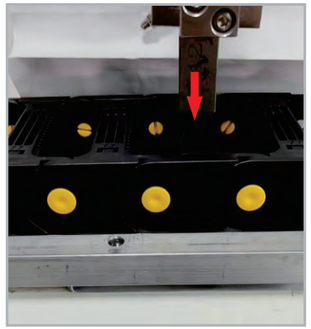
**拖链主体拉力测试**

承受拉力180kg



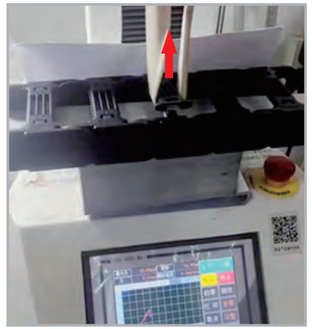
**拖链盖片压力测试**

承受拉力30kg

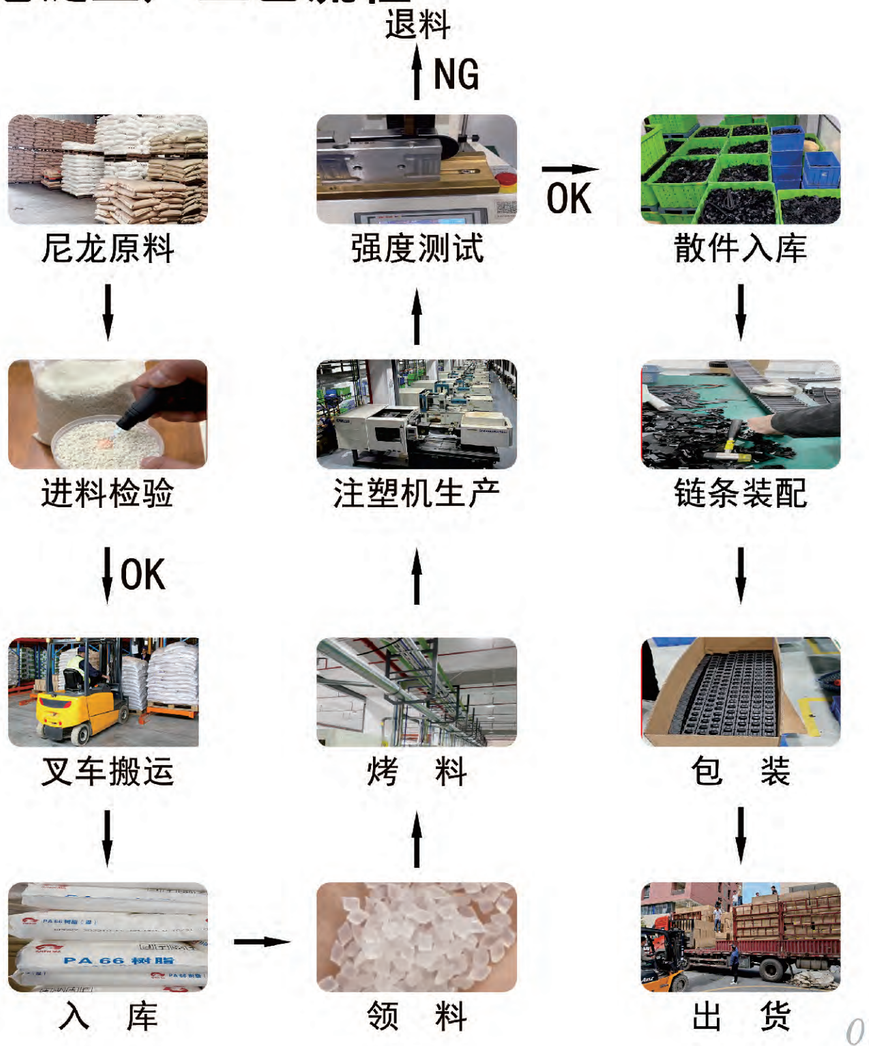


**拖链盖片拉力测试**

承受拉力22kg



## 拖链生产工艺流程



## ◎ 拖链长度计算 Calculation of the cable chain lenget

### 固定端在行程中心为最佳解决方案

The fixed end in the center of the travel is the most costeffective solution

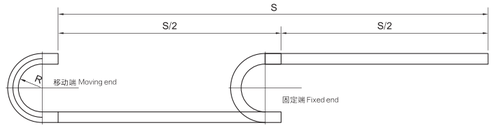
如果拖链固定端位于行程中央，则拖链长度等于行程一半加上K值（K值可在样本的表格中查询）。固定端位于行程中央也是最经济的一种安装方法，拖链，电缆及管线的长度可以最节省。

The cable chain length Lk is calculated by using half the length of travel and adding the value K if the fixed end of the cable chain is located in the center of the teavel,You can get the value K from the size table in every series cable chain. It is the most cost-effective solution if Placing the fixed end in the center of the travel,Because it requires the shortest cable chain,cables and hoses.

$L_K = S/2 + K$

公式适用于所有固定端位于行程中央的应用，但旋转运动及长行程运动除外。

This formula is generally valid for all types of applications if the fixed end is in the center of the travel Exceptions:circular movements and most long travels.

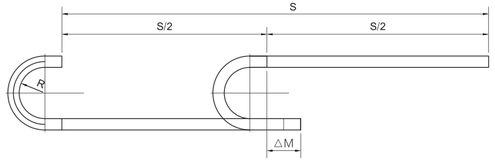



$L_K$=拖链长度 Cable chain length
S=行程Length oftravel
R=弯曲半径 Bend radius
△M=偏移中心点的距离 Deviation of the centre point
K= π *R+（2*T）
T=节距 Chain link pitch

$L_K = S/2 + \triangle M + K$

公式适用于所有固定端不在行程中央的应用。

This formula is valid if the fixed end is outside the center of the travel.




弯曲半径余量（K值可在每个系列对应的表格中查询）

（K istaken from the data tables of the individual series）

## ◎ 预应力 Camber

预应力指的是拖链运行时上部的上拱度。所有BOTHSIX® 拖链都带有预应力，无预应力的产品可按要求提供。预应力可以延长使用寿命，增加架空长度。在所有拖链的安装尺寸描述中你都可以找到一个$H_F$值。这就是在考虑预应力的情况下实际安装高度。但空间受限时，我们可以按要求提供预应力的拖链。但这类产品的承载力也于标准产品不同。

The largest possible unsupported length is influenced by the design,material and camber,Camber isthe curve of the upper run aling its unsupported length All BOTHSIX® cable chains are manufactured with camber,In the installation dimensions section of each respective cable chain description,you will find the measurement $H_F$,which specifies the necessary clearance height,taking the camber into account,The camber allws for longer unsupported lengths and increases service life and operating safety Upon request we can deliver cable chains without camber for restricted space applications-however,these no cable camber chains do not have the same load-bearing capacity.



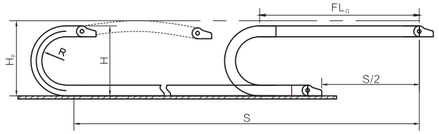

拖链预应力原理，$H_F$=实际安装高度

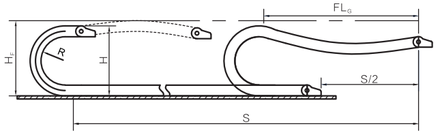
Principle of camber for BOTHSIX® cable chains $H_F$=required installation height

H=理论安装高度 Nominal clearance height
$H_F$=实际安装高度 Required clearance height

实际安装高度-取决于不同拖链的预应力。请查每一个产品页中查询此参数。

The necessary clearance height depends on the camber of the chain,Find values for rhe necessary clearance height HF on each produc tpage.




$FL_G$的应用可以达到最长的使用寿命，最大的速度及加速度。

The $FL_G$ type of installatiin always generates the lingest service life and can be operated with the mac,values forsoeed and acceleration.

## ◎ 架空应用 Unsupported applications

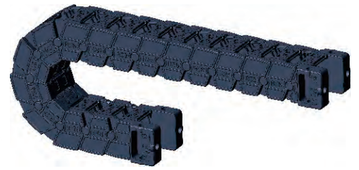
如果在整个行程中拖链的上部未接触下部。这种情况我们称之为架空。移动端到拖链弯曲半径圆弧的距离称之为架空长度架空是最常用的应用。拖链非常适用高要求长使用寿命的场合，最在架空长度取决于拖链或拖管的类型以及内部负载。

If the upper run of the cable chain operates without touching the lower run over the entire travel it is called an unsupported application.The distance between moving eng and the beginning of the radius curve of the is called the unsupported length.The unsupported application is the most common.BOTHSIX® cable chain sare very well suited for high dynamics and long service life. The maximum unsupported length depends on the fill weight and the type of cable chain or tube As a result,we differentiate among three types of unsupported length.

### 01)$FL_G$-直线架空 Unsupported with straight upper run $FL_G$

$FL_G$是指拖链运行时上部有上拱，呈直线或者有10-50mm的塌腰。$FL_G$使用是最推荐的应用。拖链在这种情况下运行噪音更低，而且磨损最小。

The cable chain is unsupported $FL_G$ when the upper run still has camber,is straight or has a maximum sag of 1/2 of the cable chain link height Installing the cable chain in $FL_G$ is always recommended.The runs smoothly without vibration.



### 02)$FL_B$-安全塌腰驾空 Unsupported with permitted sag $FL_B$

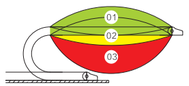
$LF_B$-拖链运行时有大于10-50mm（根据不同拖链大小）的塌腰但又小于最大塌腰的状态。$FL_B$应用在许多情况下是允许使用的，但当频率或加速度较大时很容易产生问题。

The cable chain is unsupported $FL_B$ when the sag is more than1/2 cable Chain link height and less than the smallest available radius of this BOTHSIX® series. In most applications the can be used unsupported $FL_B$ without any problens.There are restrictions concerning the maximum speed and acceleration.

### 03）危险塌腰 Critical sag

如果塌腰大于$FL_B$,则我们称之为危险塌腰。这种安装需要避免或者要有特殊的条件限定。当长时间后拖链或者拖管出现了危险塌腰，则表示需要更换，如果你的应用需要危险塌腰。

When the sag of the cable chain is higher than allowed for $FL_B$,it is in critical sag,Using an cable chain in critical sag should be avoided or solved with special solutions, An cable chain should never be installed with critical sag.Applications may reach critical sag after long service times.The cable chain or tube should be replaced in these cases.




01)$FL_G$-直线架空 Unsupported with straight upper run $FL_G$
02)$FL_B$-安全塌腰架空 Unsupported with permitted sag $FL_B$
03)危险塌腰 Critical sag

## ◎ 垂直，悬挂应用 Vertical hanging Application

根据悬挂应用原理，拖链可达到100米高度。使用内部分割片的拖链能够在同一系统中安装不同的管线，而且不会相互缠绕。对于悬挂使用，我们采用固定式接头。

For hanging applications,heights of over 100m are possible with BOTHSIX® Particularly in the area of material flow technology,the cable chain enables a bundled suppiy of a wide variety of cable types.The use of an cable chain ensures that individual cables are not entangled in parts of shelces or protruding pallets.We recommend locking mounting brackets for vertical hanging applications.

## ◎ 电缆及介质管 Cables and hoses

在垂直悬挂应用中有两个重要因素，即管线在拖链中的铺设方式以及在端点的固定方式：所有电缆及介质管都必须悬挂，以便承受自重。拖链只是起规范管线作用，而不受任何附加外力。内部分割片可用于明确分割所有电缆及介质管。电缆及介质管必须可靠的固定在拖链两端。这些设计的首先必须保证电缆能够自由移动，并承受自重。

Two important factors in vertixal hanging applications are how the cables and hoses lay in the cable chains and snd how they are secured at the end points:all cables and hoses must be hung so that they bear their own weight.The cable chain the chain fulfils the function of orderly conduit bundling only and should not absorb any further tensile forces.The cable chain interior separation elements should be used for distinct division of all cables and hoses.The cables and hoses must be secured carefully to both end points of the cable chain.The strain relief must be designed so that the opposite run cannot catch.Safe strain relief and clear separation of the cables and hoses are the basoc prerequisites for hanging installations.Cables must be able to move freely and bear their own weight.

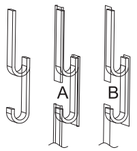


BOTHSIX®拖链悬挂应用
Hangijg applications BOTHSIX®

## ◎ 存在横向加速度的垂直运动 Vertical motion with lateral acceleration

如果存在横向加速度，则大多数拖链必须安装挡板。下图即显示了这个原理。也可部分安装挡板，但是它必须至少覆盖拖链可能摇摆处。如果可以选择，应优先考虑图A方案。拖链侧面的附加导向装置有助于进一步的稳定拖链。

If the application has a purely vertical movement without lateral acceleration,a lateral support is not necessary.If lateral acceleration occurs,lateral guidance of the cable chain must be provided in most cases.The diagram shows the principle of such guidance.Partial guidance is also an option however,it must at least cover the area in which the cable chain may sway.Lateral acceleration can occur in two directions.The lateral guidance must be installed accordingly.If youhave a choice,the layout in figure A is preferred.The lateral acceldration then acts transversely to the cable chain, where it is more stable.When using a guide,an cable chain with camber should be selected.This ensures that the cable chain is pressed into the trough.




在大多数情况下，垂直运动不要求采用横向导向装置
In most cases,vertical motion applications do not require lateral guidance

两个方向都可能存在横向加速度时必须提供导向
Lateral acceleration can occur in two directions.Guidance is necessary

## ◎ 垂直–站立应用 Vertical standing application

站立使用广泛应用于各种机器设备中，以引导电缆沿垂直直线方向运动。

Standing applications are standard on many machines and piants.Cables will be guided safely in vertical strokes

## ◎ 接头 Mounting brackets

必须使用接头，以确保拖链正常运行。我们强烈推荐使用固定式接头，因为这种接头能够于机器平齐连接。

The mounting brackets must be attached so that the cable chain cannot bow outwards.Locking mounting brackets are highly recommended because they can be attached flust to the machine.

## ◎ 电缆及介质管 Cables and hoses

电缆及介质管必须铺设在拖链中，以便自由弯曲。为了精确引导电缆及介质管，我们强烈推荐使用内部分割片模块。

Cables and hoses must be laid in the chain so that they can bend freely and bear own weight.For precise guidance of the cables and hoses,we strongly recommend interior separation elements.

## ◎ 横向加速度 Lateral acceleration

如果存在横向加速度，拖链应沿着外半径方向提供支撑。对于更高的拖链高度，通常建议至少沿着外半径方向支撑三个链节如果高度及重量达到最大值，通常必须支撑整个拖链。由于重量、行程高度、拖链类型及弯曲半径存在各种组合方式。我们建议您和我们联系。

If lateral acceleration occurs,the cable chain should,in most cases,be supported aling the outer radius. For higher cable chain heights,it is generally recommended that at least the first three links on the outer radius be supported.For maximum heights and weights,the whole distance must often be supported.Due to the wide variety of combinations involving fill weights,stroke heights,cable chain types and bend radius,we recommend you contact with us.

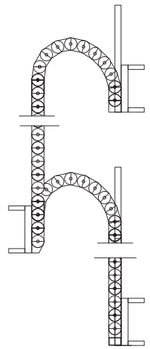
## ◎ 组合运动 Combined motion

拖链可实现垂直与水平方向的组合运动，以节省成本。

Combined vertical and horizontal movements are possible with BOTHSIX® chains for a cost–saving solution



固定式接头
Locking mounting brackets



站立应用选项：右侧配有U型挡板–左侧
Options for a standing application with support of the first chainlinks:on the right, with U–shapedguidance–on the left,with the support of the first chain links

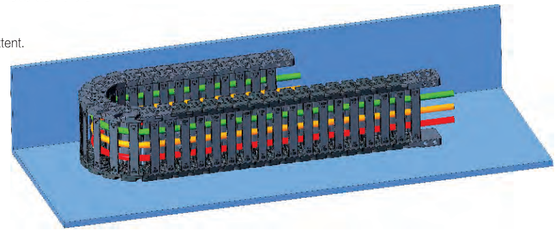
## ◎ 侧向安装拖链 Side-mounted Cable chains

拖链侧向安装时架空长度有限。这种情况下的“架空长度”取决于下列几个因素：

BOTHSIX® cable chains placed on their side can be used unsupported to a limited extent. The turned unsupported length in this case is dependent on the tollowing factors:

1.负载 Fill weight
2.拖链宽度 Width of the cable chain
3.弯曲半径 Bend radius
4.平行布置 Parallel placement

对于侧向安装使用，我们建议使用固定式接头
We recommend licking mounting brackets for sidemounted applications



侧向驾空安装拖链，一侧带支撑
The lying chain，one side of the chian is suppoted

拖链负载越大，架空长度越短。如果侧向安装，则拖链宽度即为高度。由于“高度”增加，拖链系统的稳定性相应得到提高。较小的弯曲半径可进一步提高稳定性。如果在两条拖链的平行运动中增加第二轴附加运动，会使架空长度缩短。对于负载较小的应用，使用标准接头即可。但是，如果负载较高，行程较长，则拖链必须配有整体或部分支撑。由于应用可能性多种多样。

The greater the fill weight of the cable chain,the shorter the available unsupported length.When placed on its side,the cable chain width,in effect,becomes the height.As this height increases,the cable chain becomes proportionally more stable.If further movement in a second axis is added to the parallel motion of two cable chains,the unsupported length is impaired.For applications with low fill weight,the standard mounting cable chain is supported brackets are adequate.If,however,the fill weight is high and the travels are long,the cable chain must then be supported either in whole or in part.Due to the variety of application possibilities,we strongly recommend you make use of our consulting services.

如果安装高度有限，强烈推荐采用侧向安装拖链
Side-mounted chains are strongly recommended if the installation height is restricted

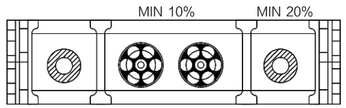
根据客户要求，可提供侧向安装架空长度标准值，架空长度可通过支撑接头旁的链节得以延伸
Standard values for unsupported lengths,side-mounted,upon request.The unsupported lengths can be extended by supporting the links next to the mounting brackets

为了保证拖链的功能正常使用并且为了避免其中的电缆或者软管遭到损伤，在布置电缆或者软管时必须遵守某些原则；

In order to ensure that the chain is functioning pioperly and to avoid damage to the cables or hoses,the following principles must be observed when laying cables or hoses

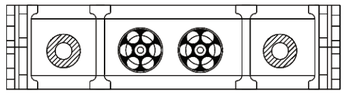
电缆与周围空间及其他电缆之间要留出至少10%电缆直径的距离，液压管线至少要留出20%。

This minimum clearance would be 10% for electrical round cables,20%for hydraulic hoses.



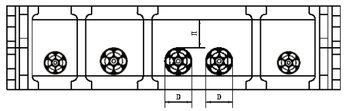

为了减少可能存在的摩擦，避免电缆或者软管等具有不同外皮材质的管线放置在一起。（例如，电缆与液压管线）

In order to reduce the possible friction,avoid pipes with different skin materials such as cables or hoded.(eg:cable and hydraulic hoses)



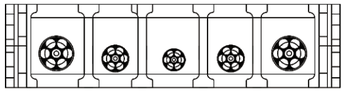
在有很多电缆和软管的应用中，为了避免它们之间的相互摩擦，最好将它们放置在适当的独立空间并且用隔片将它们相互分割。如果没有条件实现，则要确保它们之间留有足够的空间以免发生相互摩擦（K＜D）

In applications where multiole cables and hoses are used,in order to avoid mutual friction between them,it is preferable to place them in a suitable separate spsce and separate them from each other with a spscer.If there are no conditions to achieve,make sure there is enough space between them to avoid mutual friction(H＜D)




布置电缆或者软管的时候要根据它们的直径和重量以对称的方式进行布置，最大和最重的电缆放子截面的最外侧，小的和轻的电缆放在内侧。

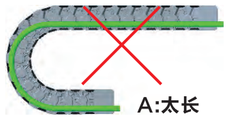
The cables or hoses aer laid in a symmetrical manner according to their diameter and weight.The laegest and heaviest cables are placed on the outside of the section and small and light cables are placed on the inside

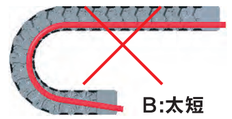


## ◎ 拖链选型 Cable chains Type Selection

没有安装水平隔片时，线管在拖链内部段的长度需同拖链一样长，线管需固定在两头的拖链头上，这样可以避免因线管太长或太短造成内部干扰磨损。

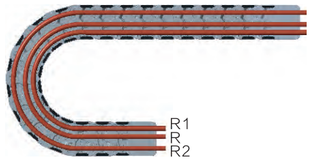
When no horizontal spacer is installed, the length of the line pipe in the inner part of the drag chain should be as long as the drag chain, and the line pipe should be fixed on the end of the drag chain, so that the line pipe is too long or too short to cause internal interference and wear.










线管多层设置，用水平分割片时，线管在拖链内部段的长度为：拖链长度加半径差或减半径差。

计算公式：L+(R2−R)π或L−(R1−R)π

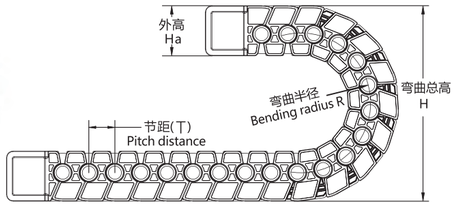
The length of the inner part of the chain is: the length of the chain plus the difference of the radius or the difference of the radius.

FORMULA: L+(R2−R)π or L−(R1−R)π

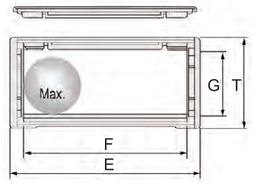


- 静音、高速运行流畅，测试使用寿命达2千万次；
- 可将拖链内外侧挡片打开，方便检查或更换线缆；
- 可装竖隔片、横隔片区分空间，更有效保护线缆。

## 主要技术参数 Basic technical data

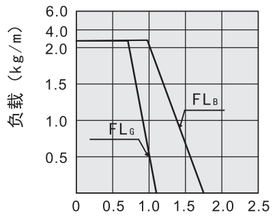



链长=S/2+K，S= 行程距离，K=π.R+" 安全量"
length of chain=S/2+K,S=stroke.K=π.R+"safety ration"
安装实际高度:$H_F$=H+Ha
Actual mounting height:$H_F$=H+Ha

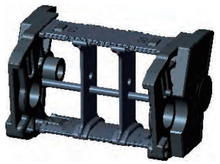



## 静音系列隔片 Mute series Inner separating part

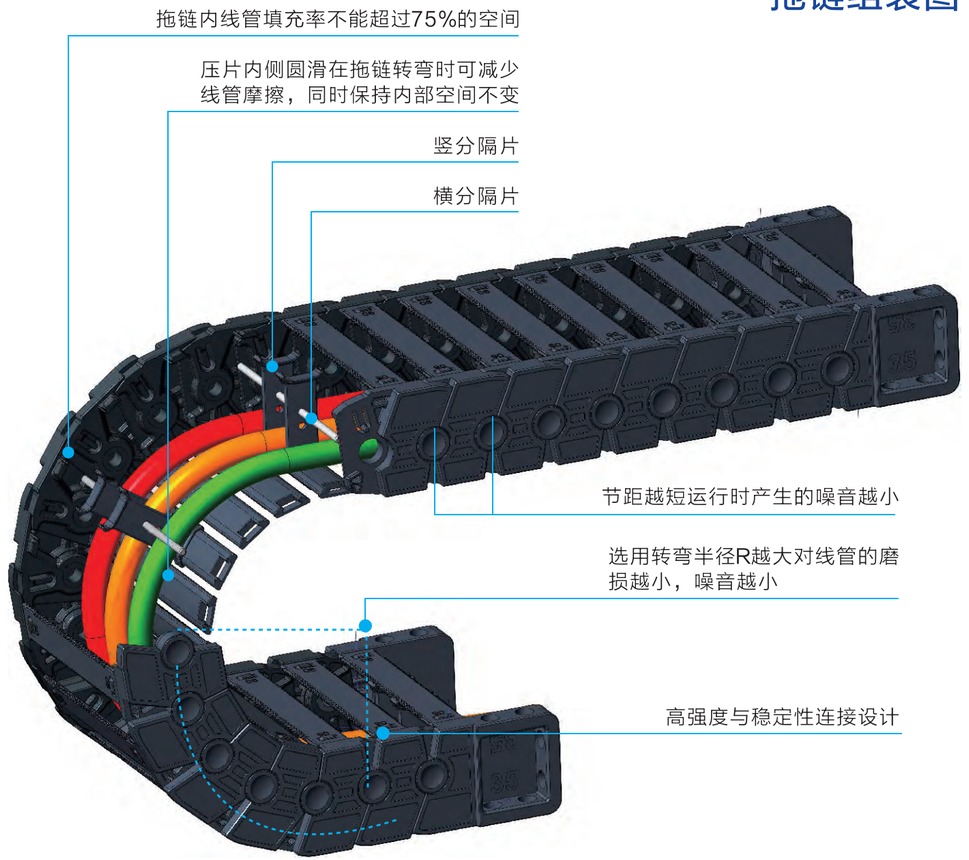
| 对应配套系列 | 竖隔片 | 横隔片 |
|---|---|---|
| 18系列<br>F(18-50) 18 series | | |
| 25系列<br>F(25-150) 25 series | | |
| 32系列<br>F(32-150) 32 series | | |
| 35系列<br>F(25-150) 35 series | | |
| 45系列<br>F(50-150) 42 series | | |
| 55系列<br>F(50-150) 52 series | | |
| 65系列<br>F(65-150) 65 series | | |





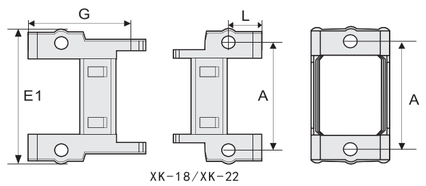





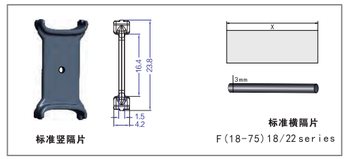



JY18-65高速静音

## ■接头安装尺寸图 Joint installation dimension drawing




XK-18/XK-22




### 静音XK18-两侧可开 MuteXK18-open on both sides

所有产品均提供三维模型

| 内高 B | 内宽 F | 外高 C | 外宽 E | 弯曲半径 R | 重量 Kg/m | 节数 N | 节距 P | XK-18接头孔距(mm) A | L1 | I | G | L | E1 | 孔径 Bore diameter |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 18 | 18 | 25 | 29 | R28 R38 R50 | 0.305 | 56 | 17.5mm | 28.5 | - | - | 30 | 10 | 37 | 4.2mm |
| 18 | 20 | 25 | 31 | | 0.314 | | | 30.5 | - | - | 30 | 10 | 39 | |
| 18 | 25 | 25 | 36 | | 0.326 | | | 35.5 | - | - | 30 | 10 | 44 | |
| 18 | 30 | 25 | 41 | | 0.354 | | | 40.5 | - | - | 30 | 10 | 49 | |
| 18 | 37 | 25 | 48 | | 0.381 | | | 47.5 | - | - | 30 | 10 | 56 | |
| 18 | 40 | 25 | 52 | | 0.402 | | | 51.1 | - | - | 30 | 10 | 60 | |
| 18 | 50 | 25 | 61 | | 0.430 | | | 60.5 | - | - | 30 | 10 | 69 | |
| 18 | 60 | 25 | 71 | | 0.453 | | | 70.5 | - | - | 30 | 10 | 79 | |
| 18 | 75 | 25 | 86 | | 0.552 | | | 85.5 | - | - | 30 | 10 | 92 | |

### 静音XK22-两侧可开 MuteXK22-open on both sides

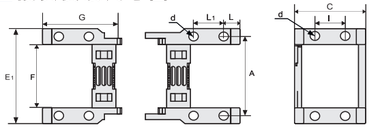
所有产品均提供三维模型

| 内高 B | 内宽 F | 外高 C | 外宽 E | 弯曲半径 R | 重量 Kg/m | 节数 N | 节距 P | XK-22接头孔距(mm) A | L1 | I | G | L | E1 | 孔径 Bore diameter |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 22 | 18 | 29 | 30.5 | R35 R55 R75 | 0.336 | 56 | 17.5mm | 26.5 | - | - | 30 | 7 | 30.5 | 4.2mm |
| 22 | 20 | 29 | 32.5 | | 0.345 | | | 28.5 | - | - | 30 | 7 | 32.5 | |
| 22 | 25 | 29 | 37.5 | | 0.359 | | | 33.5 | - | - | 30 | 7 | 37.5 | |
| 22 | 30 | 29 | 42.5 | | 0.389 | | | 38.5 | - | - | 30 | 7 | 42.5 | |
| 22 | 37 | 29 | 49.5 | | 0.419 | | | 45.5 | - | - | 30 | 7 | 49.5 | |
| 22 | 40 | 29 | 52.5 | | 0.442 | | | 49.5 | - | - | 30 | 7 | 52.5 | |
| 22 | 50 | 29 | 62.5 | | 0.473 | | | 58.5 | - | - | 30 | 7 | 62.5 | |
| 22 | 60 | 29 | 72.5 | | 0.498 | | | 68.5 | - | - | 30 | 7 | 72.5 | |
| 22 | 75 | 29 | 87.5 | | 0.607 | | | 83.5 | - | - | 30 | 7 | 87.5 | |

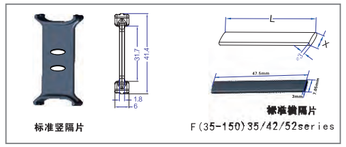
订购步骤 型号代码 – 内宽F – 弯曲半径R – 主体链数N – 接头 – 竖隔片 – 横隔片

XK22 F18 R35 N54 XK22 S10 H10

## ■接头安装尺寸图 Joint installation dimension drawing




XK-35/XK-42/XK-52




### 静音XK35-两侧可开 MuteXK35-open on both sides

所有产品均提供三维模型

| 内高 B | 内宽 F | 外高 C | 外宽 E | 弯曲半径 R | 重量 Kg/m | 节数 N | 节距 P | XK-35接头孔距(mm) A | L1 | I | G | L | E1 | 孔径 Bore diameter |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 35 | 25 | 43 | 46 | R75 R100 R125 R150 | 0.850 | 38 | 25mm | 37.5 | 15 | 17 | 55 | 12.5 | 49 | 6mm |
| 35 | 30 | 43 | 51 | | 0.876 | | | 43 | 15 | 17 | 55 | 12.5 | 54 | |
| 35 | 35 | 43 | 56 | | 0.896 | | | 48 | 15 | 17 | 55 | 12.5 | 59 | |
| 35 | 38 | 43 | 59 | | 0.908 | | | 51 | 15 | 17 | 55 | 12.5 | 62 | |
| 35 | 50 | 43 | 71 | | 0.933 | | | 62.5 | 15 | 17 | 55 | 12.5 | 74 | |
| 35 | 55 | 43 | 76 | | 0.979 | | | 68 | 15 | 17 | 55 | 12.5 | 79 | |
| 35 | 57 | 43 | 78 | | 0.992 | | | 70 | 15 | 17 | 55 | 12.5 | 81 | |
| 35 | 60 | 43 | 81 | | 0.978 | | | 72.5 | 15 | 17 | 55 | 12.5 | 84 | |
| 35 | 70 | 43 | 91 | | 1.030 | | | 82.5 | 15 | 17 | 55 | 12.5 | 94 | |
| 35 | 77 | 43 | 98 | | 1.050 | | | 89 | 15 | 17 | 55 | 12.5 | 101 | |
| 35 | 80 | 43 | 101 | | 1.107 | | | 93 | 15 | 17 | 55 | 12.5 | 104 | |
| 35 | 85 | 43 | 106 | | 1.114 | | | 98 | 15 | 17 | 55 | 12.5 | 109 | |
| 35 | 90 | 43 | 111 | | 1.160 | | | 103 | 15 | 17 | 55 | 12.5 | 114 | |
| 35 | 100 | 43 | 121 | | 1.141 | | | 113 | 15 | 17 | 55 | 12.5 | 124 | |
| 35 | 103 | 43 | 124 | | 1.178 | | | 115.5 | 15 | 17 | 55 | 12.5 | 127 | |
| 35 | 120 | 43 | 141 | | 1.224 | | | 133 | 15 | 17 | 55 | 12.5 | 144 | |
| 35 | 125 | 43 | 146 | | 1.330 | | | 138 | 15 | 17 | 55 | 12.5 | 149 | |
| 35 | 150 | 43 | 171 | | 1.509 | | | 163 | 15 | 17 | 55 | 12.5 | 174 | |
| 35 | 175 | 43 | 196 | | 1.688 | | | 188 | 15 | 17 | 55 | 12.5 | 199 | |

### 静音XK42-两侧可开 MuteXK42-open on both sides

所有产品均提供三维模型

| 内高 B | 内宽 F | 外高 C | 外宽 E | 弯曲半径 R | 重量 Kg/m | 节数 N | 节距 P | XK-42接头孔距(mm) A | L1 | I | G | L | E1 | 孔径 Bore diameter |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42 | 50 | 53.5 | 71 | R75 R100 R125 R150 | 1.230 | 34 | 27.8mm | 65 | 22.5 | 22.5 | 61 | 12.5 | 76 | 6mm |
| 42 | 62 | 53.5 | 83 | | 1.304 | | | 77 | 22.5 | 22.5 | 61 | 12.5 | 88 | |
| 42 | 70 | 53.5 | 91 | | 1.346 | | | 85 | 22.5 | 22.5 | 61 | 12.5 | 96 | |
| 42 | 75 | 53.5 | 96 | | 1.358 | | | 90 | 22.5 | 22.5 | 61 | 12.5 | 101 | |
| 42 | 80 | 53.5 | 101 | | 1.372 | | | 95 | 22.5 | 22.5 | 61 | 12.5 | 106 | |
| 42 | 85 | 53.5 | 106 | | 1.432 | | | 100 | 22.5 | 22.5 | 61 | 12.5 | 111 | |
| 42 | 90 | 53.5 | 111 | | 1.448 | | | 105 | 22.5 | 22.5 | 61 | 12.5 | 116 | |
| 42 | 100 | 53.5 | 121 | | 1.509 | | | 115 | 22.5 | 22.5 | 61 | 12.5 | 126 | |
| 42 | 125 | 53.5 | 146 | | 1.640 | | | 140 | 22.5 | 22.5 | 61 | 12.5 | 151 | |
| 42 | 150 | 53.5 | 171 | | 1.773 | | | 165 | 22.5 | 22.5 | 61 | 12.5 | 176 | |
| 42 | 175 | 53.5 | 196 | | 1.906 | | | 190 | 22.5 | 22.5 | 61 | 12.5 | 201 | |

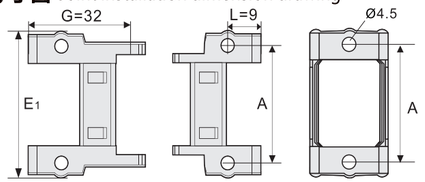
### 静音XK52-两侧可开 MuteXK52-open on both sides

所有产品均提供三维模型

| 内高 B | 内宽 F | 外高 C | 外宽 E | 弯曲半径 R | 重量 Kg/m | 节数 N | 节距 P | XK-52接头孔距(mm) A | L1 | I | G | L | E1 | 孔径 Bore diameter |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 52 | 50 | 65 | 75 | R100 R150 | 1.629 | 31 | 30mm | 67 | 22.5 | 22.5 | 64 | 15 | 80 | 6.5mm |
| 52 | 62 | 65 | 87 | | 1.699 | | | 79 | 22.5 | 22.5 | 64 | 15 | 92 | |
| 52 | 70 | 65 | 95 | | 1.739 | | | 87 | 22.5 | 22.5 | 64 | 15 | 100 | |
| 52 | 75 | 65 | 100 | | 1.750 | | | 92 | 22.5 | 22.5 | 64 | 15 | 105 | |
| 52 | 80 | 65 | 105 | | 1.783 | | | 97 | 22.5 | 22.5 | 64 | 15 | 110 | |
| 52 | 85 | 65 | 110 | | 1.816 | | | 102 | 22.5 | 22.5 | 64 | 15 | 115 | |
| 52 | 90 | 65 | 115 | | 1.849 | | | 107 | 22.5 | 22.5 | 64 | 15 | 120 | |
| 52 | 100 | 65 | 125 | | 1.892 | | | 117 | 22.5 | 22.5 | 64 | 15 | 130 | |
| 52 | 125 | 65 | 150 | | 2.000 | | | 142 | 22.5 | 22.5 | 64 | 15 | 155 | |
| 52 | 150 | 65 | 175 | | 2.016 | | | 167 | 22.5 | 22.5 | 64 | 15 | 180 | |
| 52 | 175 | 65 | 200 | | 2.032 | | | 192 | 22.5 | 22.5 | 64 | 15 | 205 | |

JY18-65 高速静音

## 接头安装尺寸图 Joint installation dimension drawing




JY-28

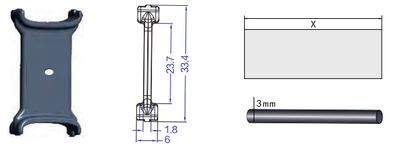
### 静音JY28-两侧可开 MuteJY28-open on both sides

所有产品均提供三维模型

| 内高 B | 内宽 F | 外高 C | 外宽 E | 弯曲半径 R | 重量 Kg/m | 节数 N | 节距 P | JY-28接头孔距 (mm) A | L1 | I | G | L | E1 | 孔径 Bore diameter |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 28 | 25 | 35 | 40 | R55 R75 R100 R125 R150 | 0.562 | 43 | 23mm | 35 | - | - | 32 | 9 | 46 | 4.5mm |
| 28 | 30 | 35 | 45 | | 0.569 | | | 40 | - | - | 32 | 9 | 51 | |
| 28 | 35 | 35 | 50 | | 0.597 | | | 45 | - | - | 32 | 9 | 56 | |
| 28 | 38 | 35 | 54 | | 0.693 | | | 48 | - | - | 32 | 9 | 59 | |
| 28 | 50 | 35 | 65 | | 0.657 | | | 60 | - | - | 32 | 9 | 71 | |
| 28 | 55 | 35 | 70 | | 0.691 | | | 65 | - | - | 32 | 9 | 76 | |
| 28 | 57 | 35 | 72 | | 0.697 | | | 67 | - | - | 32 | 9 | 78 | |
| 28 | 60 | 35 | 75 | | 0.723 | | | 70 | - | - | 32 | 9 | 81 | |
| 28 | 70 | 35 | 85 | | 0.781 | | | 80 | - | - | 32 | 9 | 91 | |
| 28 | 77 | 35 | 92 | | 0.786 | | | 87 | - | - | 32 | 9 | 98 | |
| 28 | 80 | 35 | 95 | | 0.828 | | | 90 | - | - | 32 | 9 | 101 | |
| 28 | 85 | 35 | 100 | | 0.838 | | | 95 | - | - | 32 | 9 | 106 | |
| 28 | 90 | 35 | 105 | | 0.863 | | | 100 | - | - | 32 | 9 | 111 | |
| 28 | 100 | 35 | 115 | | 0.962 | | | 110 | - | - | 32 | 9 | 121 | |
| 28 | 103 | 35 | 118 | | 0.989 | | | 113 | - | - | 32 | 9 | 124 | |
| 28 | 120 | 35 | 135 | | 1.103 | | | 130 | - | - | 32 | 9 | 141 | |
| 28 | 125 | 35 | 140 | | 1.146 | | | 135 | - | - | 32 | 9 | 146 | |
| 28 | 150 | 35 | 165 | | 1.302 | | | 160 | - | - | 32 | 9 | 171 | |
| 28 | 175 | 35 | 190 | | 1.458 | | | 185 | - | - | 32 | 9 | 196 | |

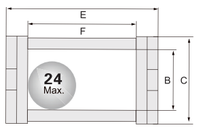
## 静音系列隔片 Mute series Inner separating part

■ 内部分隔片 · 竖隔片|横隔片




标准竖隔片
28系列

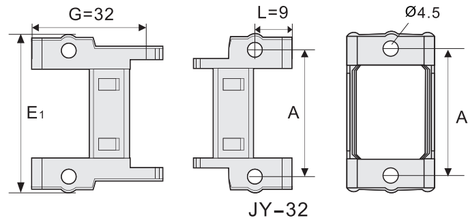
标准横隔片
F(28-150)28series




内高 28mm
节距 23mm
节数/m 43节



## 接头安装尺寸图 Joint installation dimension drawing



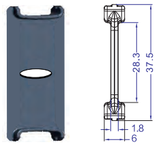

JY-32

### 静音JY32-两侧可开 MuteJY32-open on both sides

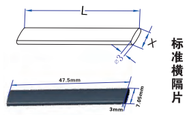
所有产品均提供三维模型

| 内高 B | 内宽 F | 外高 C | 外宽 E | 弯曲半径 R | 重量 Kg/m | 节数 N | 节距 P | JY-32接头孔距 (mm) A | L1 | I | G | L | E1 | 孔径 Bore diameter |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 25 | 39.5 | 41 | R55 R75 R100 R125 R150 | 0.612 | 43 | 23mm | 35.5 | - | - | 32 | 9 | 46 | 4.5mm |
| 32 | 30 | 39.5 | 46 | | 0.631 | | | 40.5 | - | - | 32 | 9 | 51 | |
| 32 | 35 | 39.5 | 51 | | 0.664 | | | 45.5 | - | - | 32 | 9 | 56 | |
| 32 | 38 | 39.5 | 54 | | 0.685 | | | 49 | - | - | 32 | 9 | 59 | |
| 32 | 50 | 39.5 | 66 | | 0.726 | | | 60.5 | - | - | 32 | 9 | 71 | |
| 32 | 55 | 39.5 | 71 | | 0.761 | | | 65.5 | - | - | 32 | 9 | 76 | |
| 32 | 57 | 39.5 | 73 | | 0.768 | | | 67 | - | - | 32 | 9 | 78 | |
| 32 | 60 | 39.5 | 76 | | 0.776 | | | 70.5 | - | - | 32 | 9 | 81 | |
| 32 | 70 | 39.5 | 86 | | 0.825 | | | 80.5 | - | - | 32 | 9 | 91 | |
| 32 | 77 | 39.5 | 93 | | 0.861 | | | 87 | - | - | 32 | 9 | 98 | |
| 32 | 80 | 39.5 | 96 | | 0.874 | | | 90.5 | - | - | 32 | 9 | 101 | |
| 32 | 85 | 39.5 | 101 | | 0.902 | | | 95.5 | - | - | 32 | 9 | 106 | |
| 32 | 90 | 39.5 | 106 | | 0.912 | | | 100.5 | - | - | 32 | 9 | 111 | |
| 32 | 100 | 39.5 | 116 | | 0.958 | | | 110.5 | - | - | 32 | 9 | 121 | |
| 32 | 103 | 39.5 | 119 | | 1.003 | | | 113.5 | - | - | 32 | 9 | 124 | |
| 32 | 120 | 39.5 | 136 | | 1.150 | | | 130.5 | - | - | 32 | 9 | 141 | |
| 32 | 125 | 39.5 | 141 | | 1.155 | | | 135.5 | - | - | 32 | 9 | 146 | |
| 32 | 150 | 39.5 | 166 | | 1.503 | | | 160.5 | - | - | 32 | 9 | 171 | |
| 32 | 175 | 39.5 | 191 | | 1.851 | | | 185.5 | - | - | 32 | 9 | 196 | |

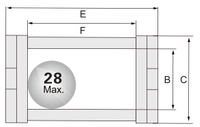
## 静音系列隔片 Mute series Inner separating part




标准竖隔片
32系列
F(32-150)32series



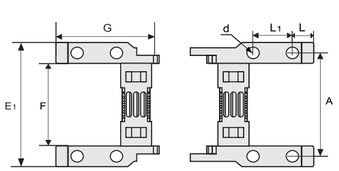

标准横隔片

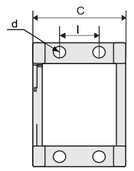


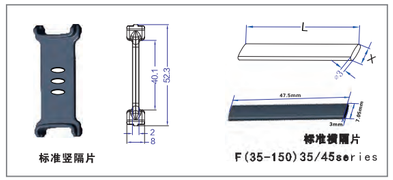

内高 32mm
节距 23mm
节数/m 43节

订购步骤 型号代码 JY32 - 内宽F F25 - 弯曲半径R R55 - 主体链数N N41 - 接头 JY32 - 竖隔片 S10 - 横隔片 H10

## 接头安装尺寸图 Joint installation dimension drawing




JY-35/JY-45

### 静音JY35-两侧可开 MuteJY35-open on both sides

所有产品均提供三维模型

| 内高 B | 内宽 F | 外高 C | 外宽 E | 弯曲半径 R | 重量 Kg/m | 节数 N | 节距 P | JY-35接头孔距 (mm) A | L1 | I | G | L | E1 | 孔径 Bore diameter |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 35 | 25 | 43 | 46 | R75 R100 R125 R150 | 0.850 | 32 | 30mm | 38 | 15 | 17 | 57.5 | 12.5 | 49 | 6mm |
| 35 | 30 | 43 | 51 | | 0.876 | | | 43 | 15 | 17 | 57.5 | 12.5 | 54 | |
| 35 | 35 | 43 | 56 | | 0.896 | | | 48 | 15 | 17 | 57.5 | 12.5 | 59 | |
| 35 | 38 | 43 | 59 | | 0.908 | | | 51 | 15 | 17 | 57.5 | 12.5 | 62 | |
| 35 | 50 | 43 | 71 | | 0.933 | | | 63 | 15 | 17 | 57.5 | 12.5 | 74 | |
| 35 | 55 | 43 | 76 | | 0.979 | | | 68 | 15 | 17 | 57.5 | 12.5 | 79 | |
| 35 | 57 | 43 | 78 | | 0.992 | | | 70 | 15 | 17 | 57.5 | 12.5 | 81 | |
| 35 | 60 | 43 | 81 | | 0.978 | | | 73 | 15 | 17 | 57.5 | 12.5 | 84 | |
| 35 | 70 | 43 | 91 | | 1.030 | | | 83 | 15 | 17 | 57.5 | 12.5 | 94 | |
| 35 | 77 | 43 | 98 | | 1.050 | | | 90 | 15 | 17 | 57.5 | 12.5 | 101 | |
| 35 | 80 | 43 | 101 | | 1.107 | | | 93 | 15 | 17 | 57.5 | 12.5 | 104 | |
| 35 | 85 | 43 | 106 | | 1.114 | | | 98 | 15 | 17 | 57.5 | 12.5 | 109 | |
| 35 | 90 | 43 | 111 | | 1.141 | | | 103 | 15 | 17 | 57.5 | 12.5 | 114 | |
| 35 | 100 | 43 | 121 | | 1.160 | | | 113 | 15 | 17 | 57.5 | 12.5 | 124 | |
| 35 | 103 | 43 | 124 | | 1.178 | | | 116 | 15 | 17 | 57.5 | 12.5 | 127 | |
| 35 | 120 | 43 | 141 | | 1.224 | | | 133 | 15 | 17 | 57.5 | 12.5 | 144 | |
| 35 | 125 | 43 | 146 | | 1.330 | | | 138 | 15 | 17 | 57.5 | 12.5 | 149 | |
| 35 | 150 | 43 | 171 | | 1.509 | | | 163 | 15 | 17 | 57.5 | 12.5 | 174 | |
| 35 | 175 | 43 | 196 | | 1.688 | | | 188 | 15 | 17 | 57.5 | 12.5 | 199 | |

### 静音JY45-两侧可开 MuteJY45-open on both sides

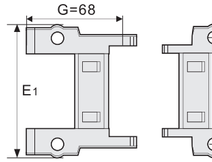
所有产品均提供三维模型

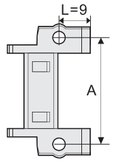
| 内高 B | 内宽 F | 外高 C | 外宽 E | 弯曲半径 R | 重量 Kg/m | 节数 N | 节距 P | JY-45接头孔距 (mm) A | L1 | I | G | L | E1 | 孔径 Bore diameter |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 45 | 50 | 54 | 71 | R75 R100 R125 R150 | 1.230 | 31 | 30mm | 65 | 22.5 | 22.5 | 67 | 13 | 76 | 5.5 mm |
| 45 | 62 | 54 | 83 | | 1.304 | | | 77 | 22.5 | 22.5 | 67 | 13 | 88 | |
| 45 | 70 | 54 | 91 | | 1.346 | | | 85 | 22.5 | 22.5 | 67 | 13 | 96 | |
| 45 | 75 | 54 | 96 | | 1.358 | | | 90 | 22.5 | 22.5 | 67 | 13 | 101 | |
| 45 | 80 | 54 | 101 | | 1.372 | | | 95 | 22.5 | 22.5 | 67 | 13 | 106 | |
| 45 | 85 | 54 | 106 | | 1.432 | | | 100 | 22.5 | 22.5 | 67 | 13 | 111 | |
| 45 | 90 | 54 | 111 | | 1.448 | | | 105 | 22.5 | 22.5 | 67 | 13 | 116 | |
| 45 | 100 | 54 | 121 | | 1.509 | | | 115 | 22.5 | 22.5 | 67 | 13 | 126 | |
| 45 | 125 | 54 | 146 | | 1.640 | | | 140 | 22.5 | 22.5 | 67 | 13 | 151 | |
| 45 | 150 | 54 | 171 | | 1.773 | | | 165 | 22.5 | 22.5 | 67 | 13 | 176 | |
| 45 | 175 | 54 | 196 | | 1.906 | | | 190 | 22.5 | 22.5 | 67 | 13 | 201 | |

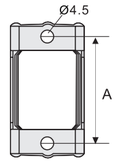
订购步骤 型号代码 – 内宽F – 弯曲半径R – 主体链数N – 接头 – 竖隔片 – 横隔片

JY45 F50 R75 N29 JY45 S10 H10

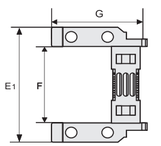
## 接头安装尺寸图 Joint installation dimension drawing

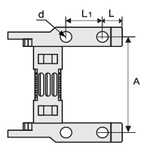


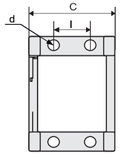




DS-25




JY-55/JY-65/DS-35

### 静音JY55-两侧可开 MuteJY55-open on both sides

所有产品均提供三维模型

| 内高 B | 内宽 F | 外高 C | 外宽 E | 弯曲半径 R | 重量 Kg/m | 节数 N | 节距 P | JY-55接头孔距 (mm) A | L1 | I | G | L | E1 | 孔径 Bore diameter |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 55 | 50 | 65 | 75 | R100 R150 | 1.629 | 31 | 30mm | 67 | 22.5 | 22 | 68 | 15 | 80 | 6.5mm |
| 55 | 62 | 65 | 87 | | 1.699 | | | 79 | 22.5 | 22 | 68 | 15 | 92 | |
| 55 | 70 | 65 | 95 | | 1.739 | | | 87 | 22.5 | 22 | 68 | 15 | 100 | |
| 55 | 75 | 65 | 100 | | 1.750 | | | 92 | 22.5 | 22 | 68 | 15 | 105 | |
| 55 | 80 | 65 | 105 | | 1.783 | | | 97 | 22.5 | 22 | 68 | 15 | 110 | |
| 55 | 85 | 65 | 110 | | 1.816 | | | 102 | 22.5 | 22 | 68 | 15 | 115 | |
| 55 | 90 | 65 | 115 | | 1.849 | | | 107 | 22.5 | 22 | 68 | 15 | 120 | |
| 55 | 100 | 65 | 125 | | 1.892 | | | 117 | 22.5 | 22 | 68 | 15 | 130 | |
| 55 | 125 | 65 | 150 | | 2.000 | | | 142 | 22.5 | 22 | 68 | 15 | 155 | |
| 55 | 150 | 65 | 175 | | 2.016 | | | 167 | 22.5 | 22 | 68 | 15 | 180 | |
| 55 | 175 | 65 | 200 | | 2.032 | | | 192 | 22.5 | 22 | 68 | 15 | 205 | |

### 静音JY65-两侧可开 MuteJY65-open on both sides

所有产品均提供三维模型

| 内高 B | 内宽 F | 外高 C | 外宽 E | 弯曲半径 R | 重量 Kg/m | 节数 N | 节距 P | JY-65接头孔距 (mm) A | L1 | I | G | L | E1 | 孔径 Bore diameter |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 65 | 60 | 76 | 96 | R115 R150 R200 | 2.254 | 18 | 49.5mm | 83 | 35 | - | 105 | 20 | 102 | 8.5mm |
| 65 | 77 | 76 | 113 | | 2.297 | | | 100 | 35 | - | 105 | 20 | 119 | |
| 65 | 90 | 76 | 126 | | 2.367 | | | 113 | 35 | - | 105 | 20 | 132 | |
| 65 | 100 | 76 | 136 | | 2.402 | | | 123 | 35 | - | 105 | 20 | 142 | |
| 65 | 103 | 76 | 139 | | 2.502 | | | 126 | 35 | - | 105 | 20 | 145 | |
| 65 | 125 | 76 | 160.5 | | 2.601 | | | 147.5 | 35 | - | 105 | 20 | 167 | |
| 65 | 150 | 76 | 185.5 | | 2.671 | | | 172.5 | 35 | - | 105 | 20 | 192 | |
| 65 | 175 | 76 | 210.5 | | 2.701 | | | 197.5 | 35 | - | 105 | 20 | 217 | |

### 静音DS25-两侧可开 Mute-DS25-open on both sides

所有产品均提供三维模型

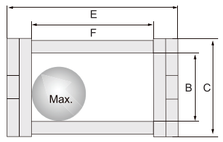
| 内高 B | 内宽 F | 外高 C | 外宽 E | 弯曲半径 R | 重量 Kg/m | 节数 N | 节距 P | DS-25接头孔距 (mm) A | L1 | I | G | L | E1 | 孔径 Bore diameter |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 25 | 25 | 34.5 | 40 | R55 R75 R100 | 0.623 | 43 | 23mm | 35.3 | - | - | 32 | 9 | 46 | 4.5mm |
| 25 | 38 | 34.5 | 54 | | 0.693 | | | 48.8 | - | - | 32 | 9 | 60 | |
| 25 | 57 | 34.5 | 72 | | 0.768 | | | 66.8 | - | - | 32 | 9 | 78 | |
| 25 | 77 | 34.5 | 92 | | 0.871 | | | 86.8 | - | - | 32 | 9 | 98 | |

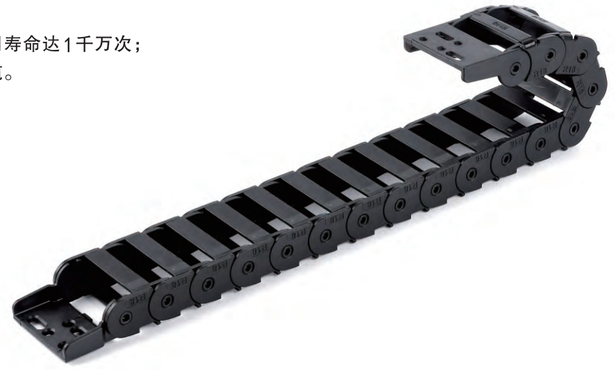
### 静音DS35-两侧可开 Mute-DS35-open on both sides

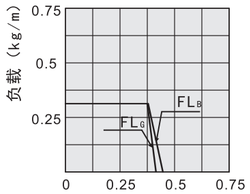
所有产品均提供三维模型

| 内高 B | 内宽 F | 外高 C | 外宽 E | 弯曲半径 R | 重量 Kg/m | 节数 N | 节距 P | DS-35接头孔距 (mm) A | L1 | I | G | L | E1 | 孔径 Bore diameter |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 35 | 50 | 43 | 70 | R75 R100 | 0.933 | 38 | 25mm | 62 | 15 | 15 | 55 | 12.5 | 74 | 5.5 mm |
| 35 | 77 | 43 | 97 | | 1.050 | | | 89 | 15 | 15 | 55 | 12.5 | 101 | |
| 35 | 103 | 43 | 123 | | 1.178 | | | 115 | 15 | 15 | 55 | 12.5 | 114 | |

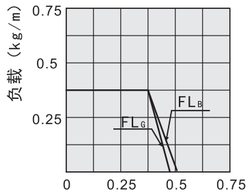
- 噪音低、运行流畅，测试使用寿命达1千万次；
- 拖链不需打开，即可装拆线缆。



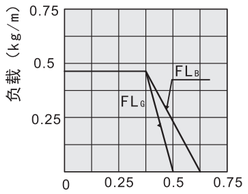






■ 5系列

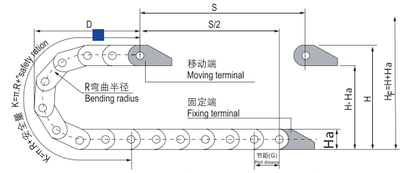



■ 7系列




■ 10系列

## ■主要技术参数 Basic technical data

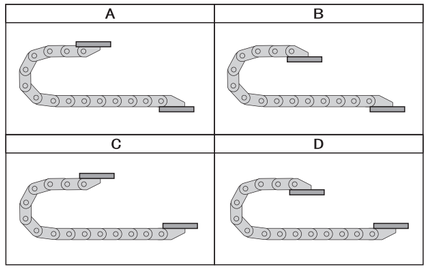



链长=S/2+K，S=行程距离，K=π.R+"安全量'

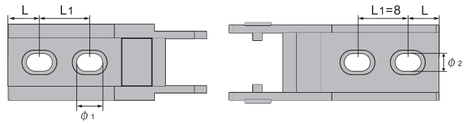
| R | 18 | 28 | 38 |
|---|---|---|---|
| H | 50 | 70 | 90 |
| D | 40 | 50 | 60 |
| K | 90 | 120 | 150 |

安装实际高度:$H_F$=H+14mm(负载0.2kg/m)

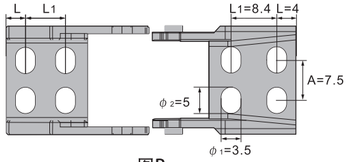
## ■接头安装方式选择 Selection of main connector installation method




## ■接头安装尺寸图 Joint installation dimension drawing




图A




图B

### 5系列–不可打开型/可打开型 5 series – non opening type/opening type

所有产品均提供三维模型

| 型号代码 | 内高 B | 内宽 F | 外高 C | 外宽 E | 弯曲半径 R | 重量 Kg/m | 节数 N | 节距 P | 孔径(mm) Bore diameter ϕ1 | ϕ2 | 接头孔距(mm) Hole distance A | L | L1 | 接头型号 Connector type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| QB5-5 | 5 | 5 | 8 | 9 | R10 | 0.048 | 98 | 10.0mm | 2.3 | 2.3 | – | 4 | 8 | 5X5接头(图A) |
| QB5-8 | 5 | 8 | 8 | 12 | R10 | 0.052 | 98 | 10.0mm | 2.3 | 2.3 | – | 4 | 8 | 5X8接头(图A) |
| QB5-10 | 5 | 10 | 8 | 14 | R10 | 0.056 | 98 | 10.0mm | 2.3 | 2.3 | – | 4 | 8 | 5X10接头(图A) |

### 7系列–不可打开型/可打开型 7 series – non opening type/opening type

所有产品均提供三维模型

| 型号代码 | 内高 B | 内宽 F | 外高 C | 外宽 E | 弯曲半径 R | 重量 Kg/m | 节数 N | 节距 P | 孔径(mm) Bore diameter ϕ1 | ϕ2 | 接头孔距(mm) Hole distance A | L | L1 | 接头型号 Connector type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| QB7 | 7 | 7 | 10 | 13.5 | R15 R28 | 0.0783 | N58 | 17mm | 4.3 | 3.1 | – | 5 | 8 | 7×7接头(图A) |
| | 7 | 10 | 10 | 15 | R15 R28 | 0.0841 | N58 | 17mm | 4.3 | 3.1 | – | 5 | 8 | 7×10接头(图A) |
| | 7 | 15 | 10 | 20 | R15 R28 | 0.0903 | N58 | 17mm | 3.5 | 5 | 7.5 | 4 | 8.4 | 7×15接头(图B) |

### 5-7系列选型示意图









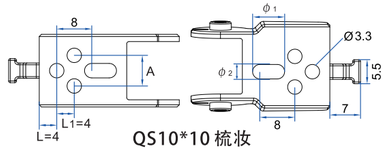

订购步骤 型号代码 – 内宽F – 弯曲半径R – 主体链数N – 接头 – 竖隔片 – 横隔片

QB7 F7 R15 N56 QB7(A.B.C.D) S10 H10

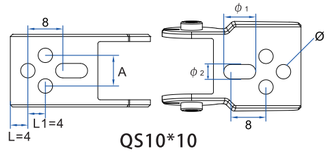


5-7-10 微型系列
不开/可开

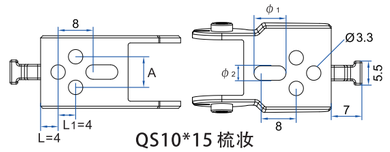
## 接头安装尺寸图 Joint installation dimension drawing



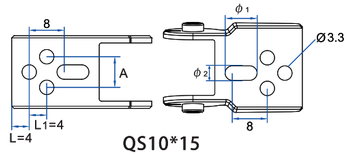
QS10*10 梳妆



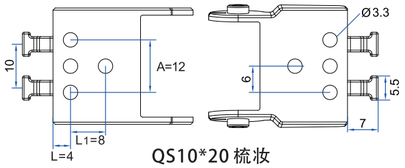
QS10*10



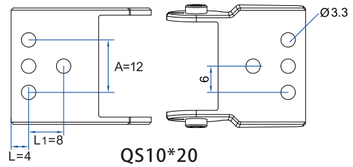
QS10*15 梳妆



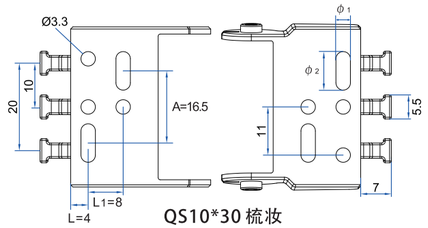
QS10*15



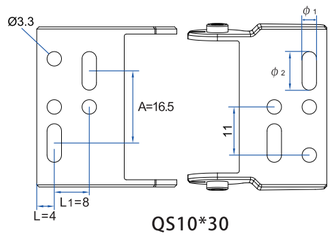
QS10*20 梳妆



QS10*20



QS10*30 梳妆



QS10*30

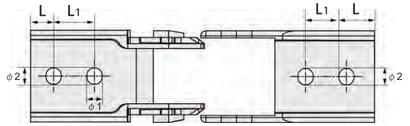
### QS10系列–可开型 QS 10 series – opening type

所有产品均提供三维模型

| 型号代码 | 内高 B | 内宽 F | 外高 C | 外宽 E | 弯曲半径 R | 重量 Kg/m | 节数 N | 节距 P | 孔径(mm) Bore diameter φ1 | 孔径(mm) Bore diameter φ2 | 接头孔距(mm) Hole distance A | 接头孔距(mm) Hole distance L | 接头孔距(mm) Hole distance L1 | 接头型号 Connector type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| QS10 | 10 | 10 | 15 | 17.5 | R18 R28 R38 | 0.133 | 59 | 16.7mm | 7 | 3.3 | 7 | 4 | 4 | 10X10接头 |
| | 10 | 15 | 15 | 23 | | 0.165 | | | 7 | 3.3 | 10 | 4 | 4 | 10X15接头 |
| | 10 | 20 | 15 | 28 | | 0.175 | | | 3.3 | 3.3 | 12 | 4 | 8 | 10X20接头 |
| | 10 | 30 | 15 | 38 | | 0.185 | | | 3.3 | 8.5 | 16.5 | 4 | 8 | 10X30接头 |



## 接头安装尺寸图 Joint installation dimension drawing



图G

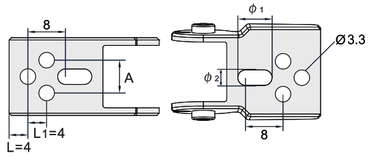
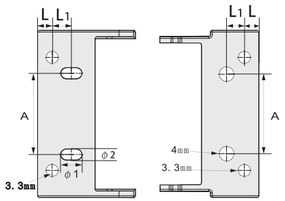


图 I



图H

### QB–10系列–不可打开型 QB–10 series – non opening type

所有产品均提供三维模型

| 型号代码 | 内高 B | 内宽 F | 外高 C | 外宽 E | 弯曲半径 R | 重量 Kg/m | 节数 N | 节距 P | 孔径(mm) Bore diameter φ1 | 孔径(mm) Bore diameter φ2 | 接头孔距(mm) Hole distance A | 接头孔距(mm) Hole distance L | 接头孔距(mm) Hole distance L1 | 接头型号 Connector type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| QB10 | 10 | 10 | 15 | 18 | R28 | 0.147 | 49 | 20.5mm | 5 | 3.3 | – | 5 | 8 | 10X10接头(图G) |
| | 10 | 15 | 15 | 23 | | 0.184 | 48 | | 3.7 | 6.4 | 4.9 | 7 | 10 | 10X15接头(图G) |
| | 10 | 20 | 15 | 28 | | 0.168 | 49 | | 3.8 | 11 | – | 5.5 | 10 | 10X20接头(图G) |
| | 12 | 40 | 16.5 | 47.5 | R38 | 0.269 | 50 | | 3.3 | 3.3 | 23 | 9 | – | 12X40接头(图H) |

### JM亚静音10系列–不可打开型 Sub mute 10 series

所有产品均提供三维模型

| 内高 B | 内宽 F | 外高 C | 外宽 E | 弯曲半径 R | 重量 Kg/m | 节数 N | 节距 P | 孔径(mm) Bore diameter φ1 | 孔径(mm) Bore diameter φ2 | 接头孔距(mm) Hole distance A | 接头孔距(mm) Hole distance L | 接头孔距(mm) Hole distance L1 | 接头孔距(mm) Hole distance E1 | 接头型号 Connector type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10 | 10 | 15 | 18 | R18 | 0.131 | 58 | 17.5mm | 5 | 3.3 | – | 5 | 8 | – | 10X10接头(图G) |
| 10 | 15 | 15 | 23 | R18 | 0.141 | 58 | 17.5mm | 5 | 3.3 | – | 5 | 8 | – | 10X15接头(图 I) |
| 10 | 20 | 13 | 26 | R18 R28 | 0.131 | 66 | 15mm | 3 | 6 | 7 | 5.5 | 4 | 20 | 10X20接头(图 I) |
| 10 | 40 | 13 | 47 | R38 | 0.184 | 76 | 13mm | 4 | 5 | 22 | 4 | 4 | 21 | 10X40接头(图H) |

订购步骤 型号代码 – 内宽F – 弯曲半径R – 主体链数N – 接头 – 竖隔片 – 横隔片

JM10 F10 R18 N56 JM10 (A.B.C.D) S10 H10

### 10系列选型示意图



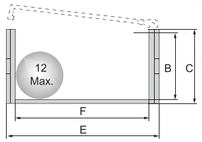


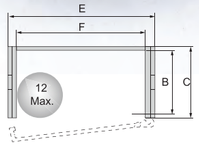


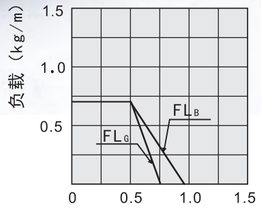


- 噪音低、运行流畅，测试使用寿命达 1千万次；
- 可将拖链外侧挡片打开，方便检查或更换线缆；
- 适用于直径12毫米以下线缆。



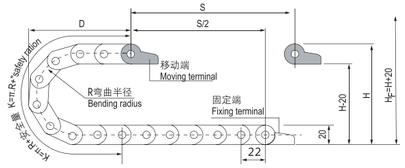



■ 15系列

## ■ 主要技术参数 Basic technical data

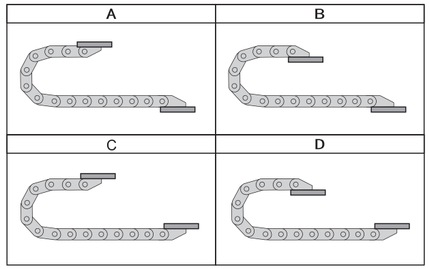



节距=22mm，每米节数=45，链长=S/2+K，S= 行程距离，K=π.R+" 安全量"

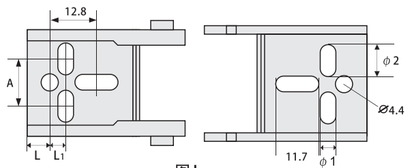
| R | 28 | 38 | 48 |
|---|---|---|---|
| H | 76 | 96 | 116 |
| D | 58 | 68 | 78 |
| K | 140 | 160 | 200 |

安装实际高度:$H_F$=H+20mm(负载0.3kg/m)

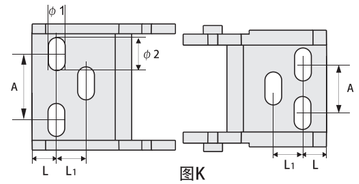
## ■ 接头安装方式选择 Selection of main connector installation method




## ■ 接头安装尺寸图 Joint installation dimension drawing




图J




图K

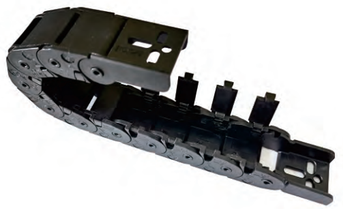
## 15轻便系列–半封/不开/可开 15 Easy series - BF / QB / QS

所有产品均提供三维模型

| 型号代码 | 内高 B | 内宽 F | 外高 C | 外宽 E | 弯曲半径 R | 重量 Kg/m | 节数 N | 节距 P | 孔径(mm) Bore diameter φ1 | 孔径(mm) Bore diameter φ2 | 接头孔距(mm) Hole distance A | 接头孔距(mm) Hole distance L | 接头孔距(mm) Hole distance L1 | 接头型号 Connector type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BF15 | 15 | 15 | 20 | 25 | R28 R38 R48 | 0.253 | 45 | 22mm | 4.2 | 5.2 | 9 | 6 | 4 | BF15X15接头(图J) |
| | 15 | 20 | 20 | 30 | | 0.288 | | | 4.2 | 8 | 12 | 6 | 4 | BF15X20接头(图J) |
| | 15 | 30 | 20 | 40 | | 0.303 | | | 4.2 | 12 | 16 | 6 | 4 | BF15X30接头(图J) |
| | 15 | 40 | 20 | 49 | | 0.350 | 49 | 20mm | 4.2 | 7 | 27 | 7 | 7 | BF15X40接头(图K) |
| | 15 | 50 | 20 | 59 | | 0.388 | 45 | 20mm | 4.2 | 7 | 37 | 7 | 7 | BF15X50接头(图K) |
| QS15 | 15 | 15 | 20 | 24 | R28 R38 R48 | 0.257 | 45 | 22mm | 4.2 | 4 | 9 | 6 | 10 | QS15X15接头(图J) |
| | 15 | 20 | 20 | 29 | | 0.264 | | | 4.2 | 4 | 12 | 6 | 10 | QS15X20接头(图J) |
| | 15 | 30 | 20 | 39 | | 0.301 | | | 4.2 | 5.2 | 16 | 8 | 9 | QS15X30接头(图J) |

### 15系列选型示意图

BF15



QS15

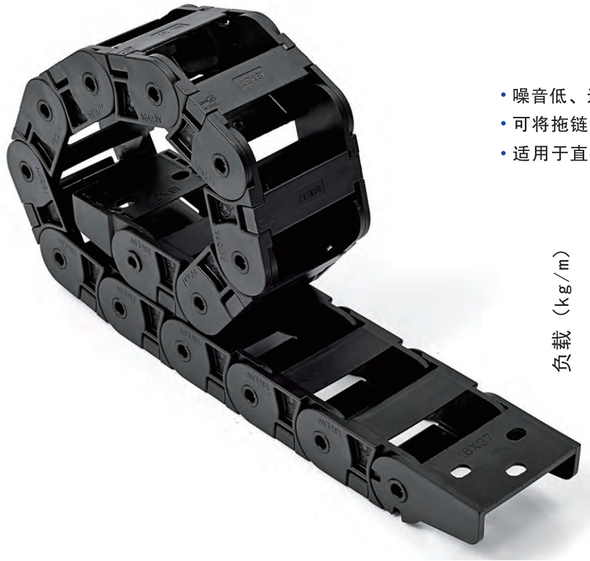


订购步骤 型号代码 – 内宽F – 弯曲半径R – 主体链数N – 接头 – 竖隔片 – 横隔片

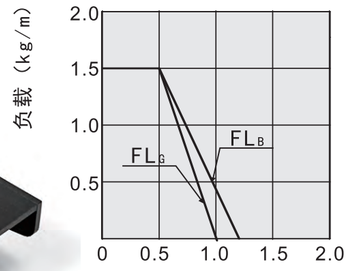
QS15 F15 R28 N43 QS15(A.B.C.D) S10 H10



15 轻便系列 半封 / 不开 / 可开

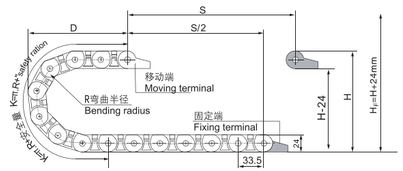


- 噪音低、运行流畅，测试使用寿命达1千万次；
- 可将拖链外侧挡片打开，方便检查或更换线缆；
- 适用于直径16毫米以下线缆。




■ 18系列

## ■主要技术参数 Basic technical data

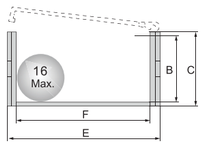


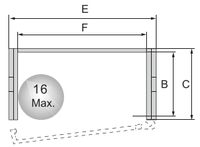

节距=33.5mm，每米节数=30，链长=S/2+K

K=π.R+“安全量”

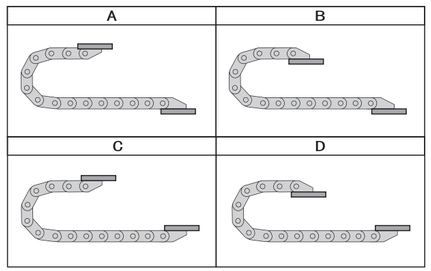
| R | 28 | 38 | 48 | 60 | 75 |
|---|---|---|---|---|---|
| H | 80 | 100 | 120 | 144 | 174 |
| D | 74 | 84 | 94 | 106 | 121 |
| K | 168 | 201 | 235 | 268 | 335 |

安装实际高度:$H_F$=H+24mm(负载0.5kg/m)

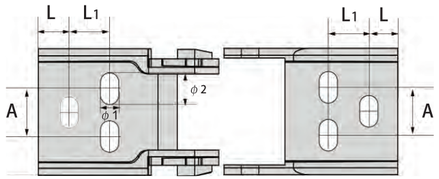


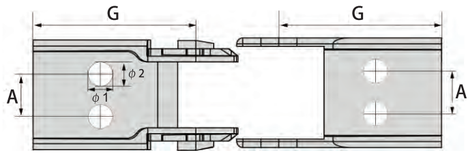

## ■接头安装方式选择 Selection of main connector installation method




## ■接头安装尺寸图 Joint installation dimension drawing




图N




图O

## 18轻便系列–半封/不开/可开 18 Easy series - BF / QB / QS

所有产品均提供三维模型

| 型号代码 | 内高 B | 内宽 F | 外高 C | 外宽 E | 弯曲半径 R | 重量 Kg/m | 节数 N | 节距 P | 孔径(mm) Bore diameter ϕ1 | 孔径(mm) Bore diameter ϕ2 | 接头孔距(mm) Hole distance A | 接头孔距(mm) Hole distance L | 接头孔距(mm) Hole distance L1 | 接头型号 Connector type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BF18 | 18 | 18 | 24 | 29 | R28 R38 R48 R60 R75 | 0.313 | 30 | 33.5mm | 5.3 | 7.3 | 10.5 | 15 | - | BF18X18接头(图O) |
| | 18 | 25 | 24 | 36 | | 0.351 | 30 | | 5.3 | 7.3 | 15 | 8 | 10 | BF18X25接头(图N) |
| | 18 | 37 | 24 | 48 | | 0.384 | 30 | | 5.3 | 7.3 | 25.5 | 6.5 | 11 | BF18X37接头(图N) |
| | 18 | 50 | 24 | 61 | | 0.431 | 30 | | 5.3 | 8.3 | 35.5 | 4.5 | 7.5 | BF18X50接头(图N) |
| QB18 | 18 | 25 | 24 | 36 | R28 R38 | 0.350 | 33 | 31mm | 5.2 | 5.2 | 14.5 | 7.5 | 10 | QB18X25接头(图N) |
| | 18 | 37 | 24 | 48 | | 0.385 | 33 | | 5.3 | 9.6 | 20 | 7 | - | QB18X37接头(图O) |
| QS18 | 18 | 25 | 24 | 36 | | 0.301 | 30 | 33.5mm | 5.3 | 5.5 | 15 | 8 | 10 | QS18X25接头(图N) |
| | 18 | 37 | 24 | 48 | | 0.330 | 30 | | 5.3 | 10 | 26 | 6.5 | 11 | QS18X37接头(图N) |

## 18系列选型示意图










订购步骤 型号代码(QS18) – 内宽F(F25) – 弯曲半径R(R28) – 主体链数N(N28) – 接头(QS18(A.B.C.D)) – 竖隔片(S10) – 横隔片(H10)

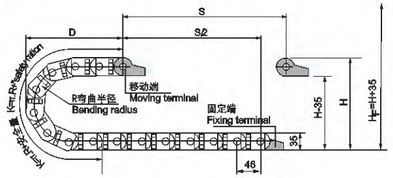


18 轻便系列 半封 / 不开 / 可开



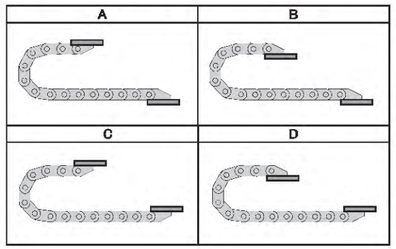
- 测试使用寿命达 1 千万次
- 可将拖链内外侧挡片打开，方便检查或更换线缆
- 可装竖隔片、横隔片区分空间，更有效保护线缆
- 适用于直径22毫米以下线缆

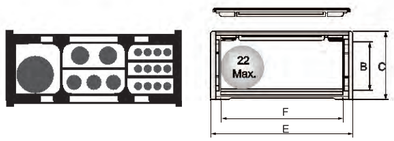
## ■主要技术参数 Basic technical data




节距=46mm，每米节数=22，链长=S/2+K，S= 行程距离，
K=π.R+" 安全量"

## ■接头安装方式选择 Selection of main connector installation method



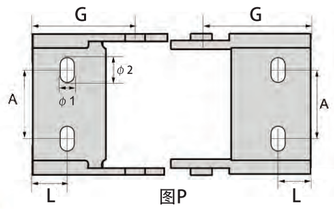





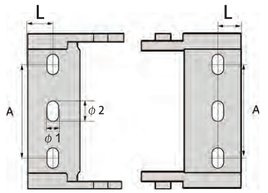

| R | 40 | 55 | 75 | 100 | 125 | 150 | 175 | 190 | 200 | 250 |
|---|---|---|---|---|---|---|---|---|---|---|
| H | 115 | 145 | 185 | 235 | 285 | 335 | 385 | 415 | 435 | 535 |
| D | 104 | 119 | 139 | 164 | 189 | 214 | 239 | 254 | 264 | 314 |
| K | 230 | 276 | 368 | 414 | 506 | 598 | 644 | 690 | 736 | 920 |

安装实际高度:$H_F$=H+35mm( 负载1.0kg/m)

## ■接头安装尺寸图 Joint installation dimension drawing




图P




图Q

## 25轻便系列–可开/全封闭/不开 25 Easy series - QS / FS / QB

所有产品均提供三维模型

| 型号 代码 | 内高 B | 内宽 F | 外高 C | 外宽 E | 弯曲半径 R | 重量 Kg/m | 节数 N | 节距 P | 孔径(mm) Bore diameter ϕ1 | 孔径(mm) Bore diameter ϕ2 | 接头孔距(mm) Hole distance A | 接头孔距(mm) Hole distance L | 接头孔距(mm) Hole distance G | 接头型号 Connector type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| QS25 | 25 | 25 | 35 | 39 | R40 R55 R75 R100 R125 R150 | 0.542 | 22 | 46mm | 6.4 | 11 | 14 | 11.4 | 41 | QS25X25接头(图P) |
| | 25 | 38 | 35 | 53 | | 0.594 | | | 6.4 | 11 | 25. 5 | 11.4 | 41 | QS25X38接头(图P) |
| | 25 | 50 | 35 | 65 | | 0.642 | | | 6.4 | 11 | 38 | 11.4 | 41 | QS25X50接头(图P) |
| | 25 | 57 | 35 | 72 | | 0.654 | | | 6.4 | 11 | 45 | 11.4 | 41 | QS25X57接头(图P) |
| | 25 | 60 | 35 | 74 | | 0.660 | | | 6.4 | 11 | 46 | 11.4 | 41 | QS25X60接头(图Q) |
| | 25 | 77 | 35 | 92 | | 0.805 | | | 6.4 | 11 | 62 | 11.4 | 41 | QS25X77接头(图Q) |
| | 25 | 90 | 35 | 104 | | 0.824 | | | 6.4 | 11 | 70 | 11.4 | 41 | QS25X90接头(图Q) |
| | 25 | 103 | 35 | 118 | | 0.879 | | | 6.4 | 11 | 80 | 11.4 | 41 | QS25X103接头(图Q) |
| FS25 | 25 | 25 | 35 | 39 | R55 R75 R100 R125 R150 | 0.600 | | | 6.4 | 11 | 14 | 11.4 | 41 | FS25X25接头(图P) |
| | 25 | 38 | 35 | 53 | | 0.649 | | | 6.4 | 11 | 25. 5 | 11.4 | 41 | FS25X38接头(图P) |
| | 25 | 50 | 35 | 65 | | 0.750 | | | 6.4 | 11 | 38 | 11.4 | 41 | FS25X50接头(图P) |
| | 25 | 57 | 35 | 72 | | 0.805 | | | 6.4 | 11 | 45 | 11.4 | 41 | FS25X57接头(图P) |
| | 25 | 60 | 35 | 74 | | 0.836 | | | 6.4 | 11 | 46 | 11.4 | 41 | FS25X60接头(图Q) |
| | 25 | 77 | 35 | 92 | | 0.940 | | | 6.4 | 11 | 62 | 11.4 | 41 | FS25X77接头(图Q) |

## 25系列选型示意图

QS25



FS25



QS25(金属接头)



订购步骤 型号代码 – 内宽F – 弯曲半径R – 主体链数N – 接头 – 竖隔片 – 横隔片

FS25 – F25 – R55 – N20 – FS25 (A.B.C.D) – S10 – H10

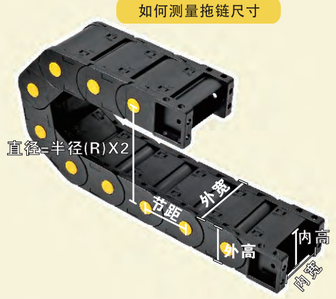
## 旧拖链怎么看尺寸

如何查看拖链尺寸




## 拖链怎么量尺寸

如何测量拖链尺寸

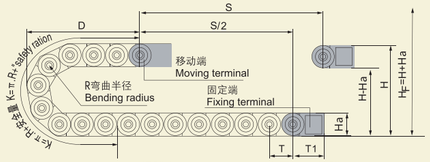



### 增强系列隔片 Enhanced series Inner separating part

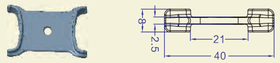
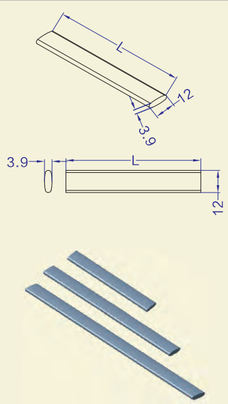
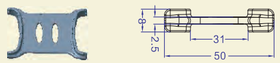
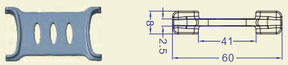
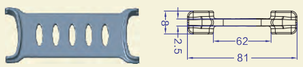




### 主要技术参数 Basic technical data

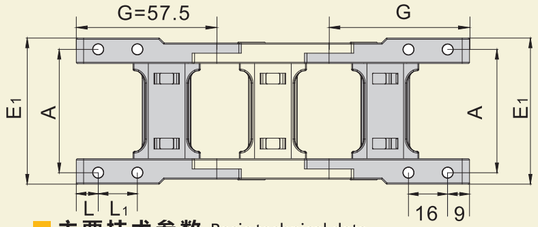


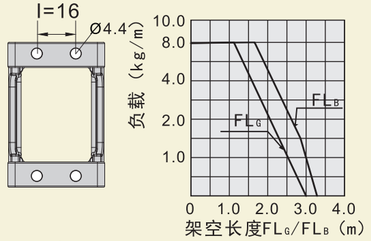

链长 =S/2+K， S= 行程距离， K= π .R+" 安全量 "+1 节距
length of chain=S/2+K,S=stroke.K= π .R+"safety ration"+1 Pitch

| 对应配套系列 | 竖隔片 | 横隔片 |
|---|---|---|
| 25系列<br>L（25~103）25 series |  |  |
| 35系列<br>L（50~200）35 series |  | |
| 45系列<br>L（50~300）45 series |  | |
| 55系列<br>L（50~300）55 series |  | |
| 65系列<br>L（50~300）65 series |  | |

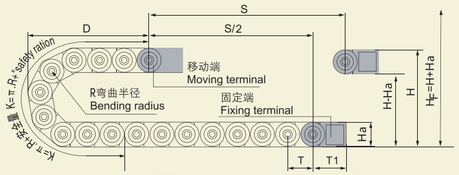
注：F为拖链内宽
Note: F is inner width of cable chains

### 接头安装尺寸图 Joint installation dimension drawing



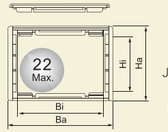

### 主要技术参数 Basic technical data




链长 =S/2+K， S= 行程距离， K= π .R+" 安全量 "+1 节距
length of chain=S/2+K,S=stroke.K= π .R+"safety ration"+1 Pitch

**FH25B系列**

| R | 55 | 75 | 100 | 125 | 150 |
|---|---|---|---|---|---|
| H | 150 | 190 | 240 | 290 | 340 |
| D | 124 | 144 | 169 | 194 | 219 |
| K | 276 | 368 | 460 | 506 | 598 |




节距 T=46mm
Pitch T=46mm
节头距 T1=57.5
Joint pitch T1=57.5
每米节数=22
Link per meter=22

### 25增强系列–桥式/全封闭 25 Enhanced series–HD/QF

所有产品均提供三维模型

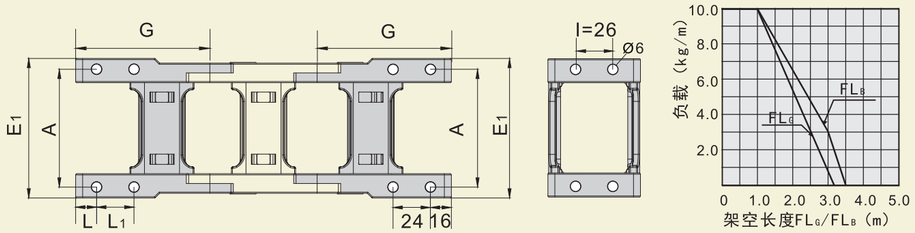
| 型号代码 | 内高 B | 内宽 F | 外高 C | 外宽 E | 弯曲半径 R | HD重量 Kg/m | QF重量 Kg/m | 节数 N | 节距 P | BX接头孔距(mm) BXHole distance A | L1 | I | G | L | E1 | 孔径 Bore diameter |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HD25<br>QF25 | 25 | 25 | 40 | 44 | R55<br>R75<br>R100<br>R125<br>R150 | 0.786 | 0.831 | 22 | 46mm | 37.5 | 16 | 16 | 57.5 | 9 | 46.5 | 4.4mm |
| | 25 | 38 | 40 | 57 | | 0.823 | 0.925 | | | 50.5 | 16 | 16 | 57.5 | 9 | 59.5 | |
| | 25 | 50 | 40 | 69 | | 0.860 | 0.990 | | | 62.5 | 16 | 16 | 57.5 | 9 | 71.5 | |
| | 25 | 57 | 40 | 76 | | 0.876 | 1.047 | | | 69.5 | 16 | 16 | 57.5 | 9 | 78.5 | |
| | 25 | 60 | 40 | 79 | | 0.932 | 1.080 | | | 72.5 | 16 | 16 | 57.5 | 9 | 81.5 | |
| | 25 | 77 | 40 | 96 | | 0.978 | 1.189 | | | 89.5 | 16 | 16 | 57.5 | 9 | 98.5 | |
| | 25 | 90 | 40 | 109 | | 1.054 | 1.189 | | | 102.5 | 16 | 16 | 57.5 | 9 | 111.5 | |
| | 25 | 100 | 40 | 119 | | 1.087 | | | | 112.5 | 16 | 16 | 57.5 | 9 | 121.5 | |
| | 25 | 103 | 40 | 122 | | 1.094 | | | | 115.5 | 16 | 16 | 57.5 | 9 | 124.5 | |
| | 25 | 125 | 40 | 144 | | 1.155 | | | | 137.5 | 16 | 16 | 57.5 | 9 | 146.5 | |
| | 25 | 150 | 40 | 169 | | 1.492 | | | | 162.5 | 16 | 16 | 57.5 | 9 | 171.5 | |
| | 25 | 175 | 40 | 194 | | | | | | 187.5 | 16 | 16 | 57.5 | 9 | 196.5 | |

### 30增强系列–桥式/全封闭 30 Enhanced series–HD/QF

所有产品均提供三维模型

| 型号代码 | 内高 B | 内宽 F | 外高 C | 外宽 E | 弯曲半径 R | HD重量 Kg/m | QF重量 Kg/m | 节数 N | 节距 P | BX接头孔距(mm) BXHole distance A | L1 | I | G | L | E1 | 孔径 Bore diameter |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HD30<br>QF30 | 30 | 25 | 40 | 44 | R55<br>R75<br>R100<br>R125<br>R150 | 0.786 | 0.831 | 22 | 46mm | 37.5 | 16 | 16 | 57.5 | 9 | 46.5 | 4.4mm |
| | 30 | 38 | 40 | 57 | | 0.823 | 0.925 | | | 50.5 | 16 | 16 | 57.5 | 9 | 59.5 | |
| | 30 | 50 | 40 | 69 | | 0.860 | 0.990 | | | 62.5 | 16 | 16 | 57.5 | 9 | 71.5 | |
| | 30 | 57 | 40 | 76 | | 0.876 | 1.047 | | | 69.5 | 16 | 16 | 57.5 | 9 | 78.5 | |
| | 30 | 60 | 40 | 79 | | 0.932 | 1.080 | | | 72.5 | 16 | 16 | 57.5 | 9 | 81.5 | |
| | 30 | 77 | 40 | 96 | | 0.978 | 1.189 | | | 89.5 | 16 | 16 | 57.5 | 9 | 98.5 | |
| | 30 | 90 | 40 | 109 | | 1.054 | 1.189 | | | 102.5 | 16 | 16 | 57.5 | 9 | 111.5 | |
| | 30 | 100 | 40 | 119 | | 1.087 | | | | 112.5 | 16 | 16 | 57.5 | 9 | 121.5 | |
| | 30 | 103 | 40 | 122 | | 1.094 | | | | 115.5 | 16 | 16 | 57.5 | 9 | 124.5 | |
| | 30 | 125 | 40 | 144 | | 1.155 | | | | 137.5 | 16 | 16 | 57.5 | 9 | 146.5 | |
| | 30 | 150 | 40 | 169 | | 1.492 | | | | 162.5 | 16 | 16 | 57.5 | 9 | 171.5 | |
| | 30 | 175 | 40 | 194 | | | | | | 187.5 | 16 | 16 | 57.5 | 9 | 196.5 | |

## 接头安装尺寸图 Joint installation dimension drawing

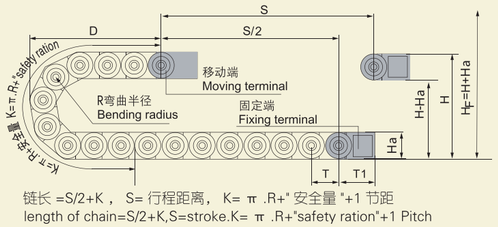








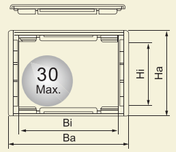

## 主要技术参数 Basic technical data




链长 =S/2+K， S= 行程距离， K= π .R+" 安全量 "+1 节距
length of chain=S/2+K,S=stroke.K= π .R+"safety ration"+1 Pitch

**FH35B系列**

| R | 75 | 100 | 125 | 150 | 200 | 300 |
|---|---|---|---|---|---|---|
| H | 205 | 255 | 305 | 355 | 455 | 655 |
| D | 169 | 194 | 219 | 244 | 294 | 394 |
| K | 396 | 462 | 528 | 660 | 792 | 1122 |




节距 T=57.5mm
Pitch T=57.5mm
节头距 T1=84.5
Joint pitch T1=84.5
每米节数=17
Link per meter=17

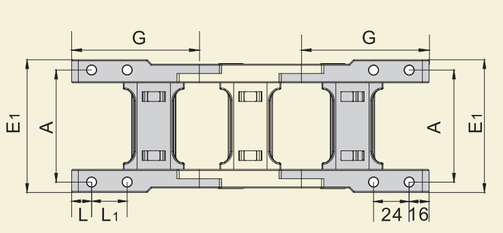
## 35增强系列–桥式/全封闭 35 Enhanced series–HD/QF

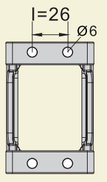
所有产品均提供三维模型

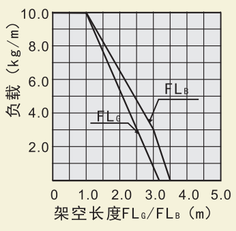
| 型号代码 | 内高 B | 内宽 F | 外高 C | 外宽 E | 弯曲半径 R | HD重量 Kg/m | QF重量 Kg/m | 节数 N | 节距 P | BX接头孔距(mm) BXHole distance A | L1 | I | G | L | E1 | 孔径 Bore diameter |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HD35<br>QF35 | 35 | 38 | 55 | 64 | R75<br>R100<br>R125<br>R150<br>R200<br>R300 | 1.542 | | 17 | 57.5mm | 54 | 24 | 26 | 84.5 | 16 | 66 | 6mm |
| | 35 | 50 | 55 | 76 | | 1.622 | 1.827 | | | 66 | 24 | 26 | 84.5 | 16 | 78 | |
| | 35 | 60 | 55 | 86 | | 1.695 | 1.891 | | | 76 | 24 | 26 | 84.5 | 16 | 88 | |
| | 35 | 75 | 55 | 101 | | 1.812 | 2.057 | | | 91 | 24 | 26 | 84.5 | 16 | 103 | |
| | 35 | 90 | 55 | 116 | | 1.905 | 2.156 | | | 106 | 24 | 26 | 84.5 | 16 | 118 | |
| | 35 | 100 | 55 | 126 | | 1.981 | 2.316 | | | 116 | 24 | 26 | 84.5 | 16 | 128 | |
| | 35 | 110 | 55 | 136 | | 2.051 | | | | 126 | 24 | 26 | 84.5 | 16 | 138 | |
| | 35 | 117 | 55 | 144 | | 2.119 | | | | 133 | 24 | 26 | 84.5 | 16 | 145 | |
| | 35 | 125 | 55 | 151 | | 2.164 | 2.543 | | | 141 | 24 | 26 | 84.5 | 16 | 153 | |
| | 35 | 130 | 55 | 156 | | 2.253 | | | | 146 | 24 | 26 | 84.5 | 16 | 158 | |
| | 35 | 150 | 55 | 176 | | 2.361 | 2.742 | | | 166 | 24 | 26 | 84.5 | 16 | 178 | |
| | 35 | 175 | 55 | 201 | | 2.544 | | | | 191 | 24 | 26 | 84.5 | 16 | 203 | |
| | 35 | 200 | 55 | 226 | | 2.694 | | | | 216 | 24 | 26 | 84.5 | 16 | 228 | |
| | 35 | 225 | 55 | 251 | | 2.844 | | | | 241 | 24 | 26 | 84.5 | 16 | 253 | |
| | 35 | 250 | 55 | 276 | | 2.994 | | | | 266 | 24 | 26 | 84.5 | 16 | 278 | |
| | 35 | 275 | 55 | 301 | | 3.144 | | | | 291 | 24 | 26 | 84.5 | 16 | 303 | |
| | 35 | 300 | 55 | 326 | | 3.294 | | | | 316 | 24 | 26 | 84.5 | 16 | 328 | |

订购步骤 型号代码 – 内宽F – 弯曲半径R – 主体链数N – 接头 – 竖隔片 – 横隔片
HD35 F38 R75 N15 HD35 S10 H10

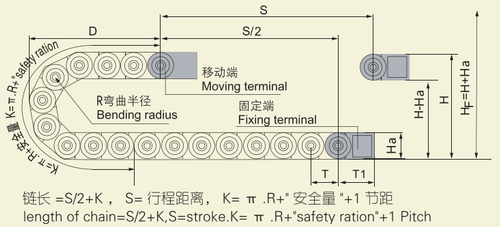
## 接头安装尺寸图 Joint installation dimension drawing



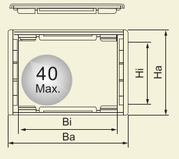

## 主要技术参数 Basic technical data




链长 =S/2+K， S= 行程距离， K= π .R+" 安全量 "+1 节距
length of chain=S/2+K,S=stroke.K= π .R+"safety ration"+1 Pitch

**FH45B系列**

| R | 75 | 100 | 125 | 150 | 200 | 250 | 300 |
|---|---|---|---|---|---|---|---|
| H | 215 | 265 | 315 | 365 | 465 | 565 | 665 |
| D | 188 | 213 | 238 | 263 | 313 | 363 | 413 |
| K | 400 | 480 | 560 | 640 | 800 | 960 | 1120 |




节距 T=58.5mm
Pitch T=58.5mm
节头距 T1=85
Joint pitch T1=85
每米节数=16
Link per meter=16

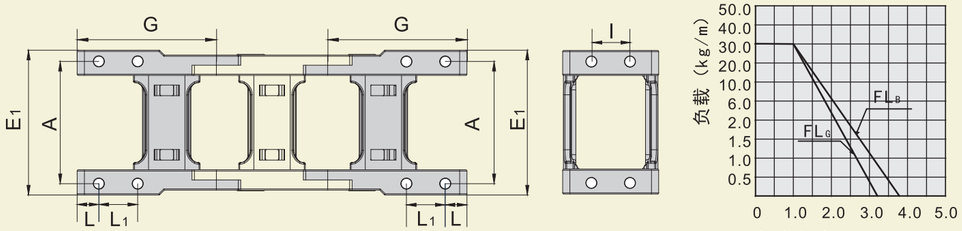
## 45增强系列–桥式/全封闭 45 Enhanced series–HD/QF

所有产品均提供三维模型

| 型号代码 | 内高 B | 内宽 F | 外高 C | 外宽 E | 弯曲半径 R | HD重量 Kg/m | QF重量 Kg/m | 节数 N | 节距 P | BX接头孔距(mm) BXHole distance A | L1 | I | G | L | E1 | 孔径 Bore diameter |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HD45<br>QF45 | 45 | 38 | 65 | 68 | R75<br>R100<br>R125<br>R150<br>R200<br>R300 | 1.754 | | 16 | 58.5mm | 56 | 24 | 26 | 85 | 16 | 71.5 | 6mm |
| | 45 | 50 | 65 | 80 | | 1.825 | 1.885 | | | 68 | 24 | 26 | 85 | 16 | 83.5 | |
| | 45 | 60 | 65 | 90 | | 1.889 | 1.960 | | | 78 | 24 | 26 | 85 | 16 | 93.5 | |
| | 45 | 75 | 65 | 105 | | 1.993 | 2.107 | | | 93 | 24 | 26 | 85 | 16 | 108.5 | |
| | 45 | 90 | 65 | 120 | | 2.074 | 2.199 | | | 108 | 24 | 26 | 85 | 16 | 123.5 | |
| | 45 | 100 | 65 | 130 | | 2.142 | 2.355 | | | 118 | 24 | 26 | 85 | 16 | 133.5 | |
| | 45 | 110 | 65 | 140 | | 2.218 | | | | 128 | 24 | 26 | 85 | 16 | 143.5 | |
| | 45 | 117 | 65 | 147 | | 2.316 | | | | 135 | 24 | 26 | 85 | 16 | 150.5 | |
| | 45 | 125 | 65 | 155 | | 2.264 | 2.558 | | | 143 | 24 | 26 | 85 | 16 | 158.5 | |
| | 45 | 130 | 65 | 160 | | 2.328 | | | | 148 | 24 | 26 | 85 | 16 | 163.5 | |
| | 45 | 150 | 65 | 180 | | 2.538 | 2.763 | | | 168 | 24 | 26 | 85 | 16 | 183.5 | |
| | 45 | 175 | 65 | 205 | | 2.699 | | | | 193 | 24 | 26 | 85 | 16 | 208.5 | |
| | 45 | 200 | 65 | 230 | | 2.832 | | | | 218 | 24 | 26 | 85 | 16 | 233.5 | |
| | 45 | 225 | 65 | 255 | | 2.965 | | | | 243 | 24 | 26 | 85 | 16 | 258.5 | |
| | 45 | 250 | 65 | 280 | | 3.098 | | | | 268 | 24 | 26 | 85 | 16 | 283.5 | |
| | 45 | 275 | 65 | 305 | | 3.231 | | | | 293 | 24 | 26 | 85 | 16 | 308.5 | |
| | 45 | 300 | 65 | 330 | | 3.364 | | | | 318 | 24 | 26 | 85 | 16 | 333.5 | |

订购步骤 型号代码 – 内宽F – 弯曲半径R – 主体链数N – 接头 – 竖隔片 – 横隔片
HD45 F38 R75 N14 HD45 S10 H10

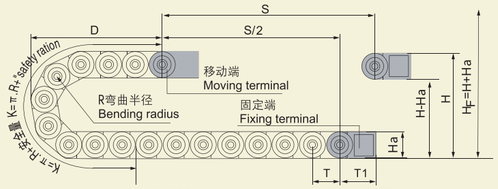
## 接头安装尺寸图 Joint installation dimension drawing







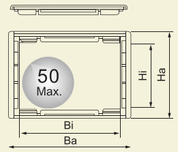
## 主要技术参数 Basic technical data




链长 =S/2+K， S= 行程距离， K= π .R+" 安全量 "+1 节距
length of chain=S/2+K,S=stroke.K= π .R+"safety ration"+1 Pitch

### FH55B系列

| R | 75 | 100 | 125 | 150 | 200 | 250 | 300 |
|---|---|---|---|---|---|---|---|
| H | 225 | 275 | 325 | 375 | 475 | 575 | 675 |
| D | 193 | 218 | 243 | 268 | 318 | 368 | 418 |
| K | 400 | 480 | 560 | 640 | 800 | 960 | 1120 |




节距 T=77.5mm
Pitch T=77.5mm
节头距 T1=101
Joint pitch T1=101
每米节数=13
Link per meter=13

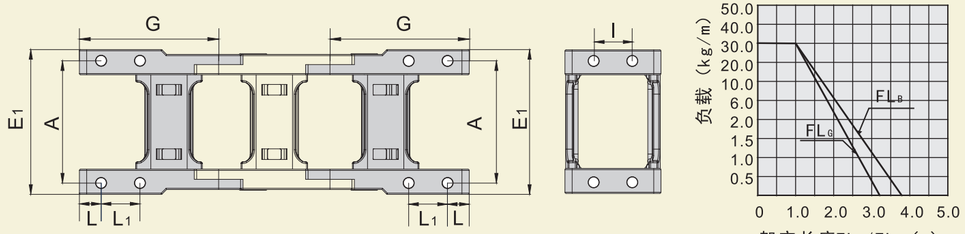
## 55增强系列–桥式/全封闭 55 Enhanced series–HD/QF

所有产品均提供三维模型

| 型号代码 | 内高 B | 内宽 F | 外高 C | 外宽 E | 弯曲半径 R | HD重量 Kg/m | QF重量 Kg/m | 节数 N | 节距 P | BX接头孔距(mm) BXHole distance A | L1 | I | G | L | E1 | 孔径 Bore diameter |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 55 | 50 | 75 | 83 | | 2.121 | 2.450 | | | 69 | 30 | 30 | 101 | 17 | 84.5 | |
| | 55 | 60 | 75 | 93 | | 2.178 | 2.500 | | | 79 | 30 | 30 | 101 | 17 | 94.5 | |
| | 55 | 75 | 75 | 108 | | 2.266 | 2.551 | | | 94 | 30 | 30 | 101 | 17 | 109.5 | |
| | 55 | 90 | 75 | 123 | R100 | 2.344 | 2.660 | | | 109 | 30 | 30 | 101 | 17 | 124.5 | |
| | 55 | 100 | 75 | 132 | R125 | 2.407 | 2.900 | | | 119 | 30 | 30 | 101 | 17 | 134.5 | |
| | 55 | 110 | 75 | 142 | R150 | 2.462 | | | | 129 | 30 | 30 | 101 | 17 | 144.5 | |
| HD55 | 55 | 117 | 75 | 149 | R200 | 2.472 | | | | 136 | 30 | 30 | 101 | 17 | 151.5 | |
| | 55 | 125 | 75 | 158 | R250 | 2.497 | 3.055 | 13 | 77.5mm | 144 | 30 | 30 | 101 | 17 | 159.5 | 6mm |
| QF55 | 55 | 130 | 75 | 163 | R300 | 2.530 | | | | 149 | 30 | 30 | 101 | 17 | 164.5 | |
| | 55 | 150 | 75 | 183 | R400 | 2.650 | 3.178 | | | 169 | 30 | 30 | 101 | 17 | 184.5 | |
| | 55 | 175 | 75 | 208 | R500 | 2.787 | | | | 194 | 30 | 30 | 101 | 17 | 209.5 | |
| | 55 | 200 | 75 | 233 | | 2.939 | | | | 219 | 30 | 30 | 101 | 17 | 234.5 | |
| | 55 | 225 | 75 | 258 | | 3.091 | | | | 244 | 30 | 30 | 101 | 17 | 259.5 | |
| | 55 | 250 | 75 | 283 | | 3.243 | | | | 269 | 30 | 30 | 101 | 17 | 284.5 | |
| | 55 | 275 | 75 | 308 | | 3.395 | | | | 294 | 30 | 30 | 101 | 17 | 309.5 | |
| | 55 | 300 | 75 | 333 | | 3.547 | | | | 319 | 30 | 30 | 101 | 17 | 334.5 | |

订购步骤 型号代码 – 内宽F – 弯曲半径R – 主体链数N – 接头 – 竖隔片 – 横隔片
HD55 F50 R100 N11 HD55 S10 H10

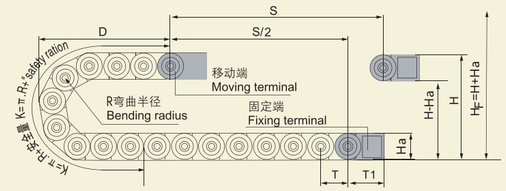
## 接头安装尺寸图 Joint installation dimension drawing







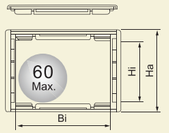
## 主要技术参数 Basic technical data




链长 =S/2+K， S= 行程距离， K= π .R+" 安全量 "+1 节距
length of chain=S/2+K,S=stroke.K= π .R+"safety ration"+1 Pitch

### FH65B系列

| R | 125 | 150 | 200 | 250 | 300 | 400 | 500 |
|---|---|---|---|---|---|---|---|
| H | 335 | 385 | 485 | 585 | 685 | 885 | 1085 |
| D | 248 | 273 | 323 | 383 | 423 | 523 | 623 |
| K | 560 | 640 | 800 | 960 | 1120 | 1440 | 1760 |




节距 T=77.5mm
Pitch T=77.5mm
节头距 T1=125
Joint pitch T1=125
每米节数=13
Link per meter=13

## 65增强系列–桥式/全封闭 65 Enhanced series–HD/QF

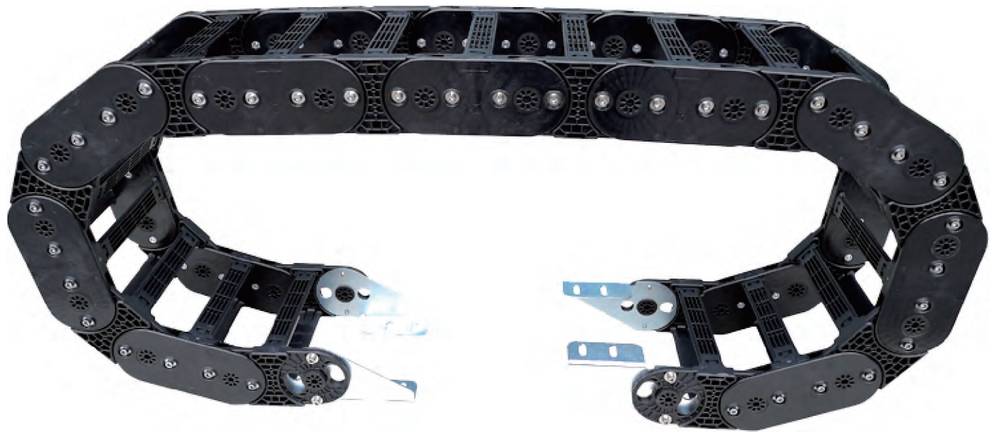
所有产品均提供三维模型

| 型号代码 | 内高 B | 内宽 F | 外高 C | 外宽 E | 弯曲半径 R | HD重量 Kg/m | QF重量 Kg/m | 节数 N | 节距 P | BX接头孔距(mm) BXHole distance A | L1 | I | G | L | E1 | 孔径 Bore diameter |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 65 | 50 | 85 | 85.5 | | 2.421 | 2.600 | | | 72 | 35 | 45 | 125 | 20 | 90 | |
| | 65 | 60 | 85 | 95.5 | | 2.466 | 2.650 | | | 82 | 35 | 45 | 125 | 20 | 100 | |
| | 65 | 75 | 85 | 110.5 | | 2.546 | 2.780 | | | 97 | 35 | 45 | 125 | 20 | 115 | |
| | 65 | 90 | 85 | 125.5 | R125 | 2.619 | 2.881 | | | 112 | 35 | 45 | 125 | 20 | 130 | |
| | 65 | 100 | 85 | 135.5 | R150 | 2.676 | 3.024 | | | 122 | 35 | 45 | 125 | 20 | 140 | |
| | 65 | 110 | 85 | 145.5 | R175 | 2.716 | | | | 132 | 35 | 45 | 125 | 20 | 150 | |
| HD65 | 65 | 117 | 85 | 152.5 | R200 | 2.738 | | | | 139 | 35 | 45 | 125 | 20 | 157 | |
| | 65 | 125 | 85 | 160.5 | R250 | 2.760 | 3.242 | 12 | 77.5mm | 147 | 35 | 45 | 125 | 20 | 165 | 9mm |
| QF65 | 65 | 130 | 85 | 165.5 | R300 | 2.830 | | | | 152 | 35 | 45 | 125 | 20 | 170 | |
| | 65 | 150 | 85 | 185.5 | R400 | 2.900 | 3.357 | | | 172 | 35 | 45 | 125 | 20 | 190 | |
| | 65 | 175 | 85 | 210.5 | R500 | 3.028 | | | | 197 | 35 | 45 | 125 | 20 | 215 | |
| | 65 | 200 | 85 | 235.5 | | 3.168 | | | | 222 | 35 | 45 | 125 | 20 | 240 | |
| | 65 | 225 | 85 | 260.5 | | 3.308 | | | | 247 | 35 | 45 | 125 | 20 | 265 | |
| | 65 | 250 | 85 | 285.5 | | 3.448 | | | | 272 | 35 | 45 | 125 | 20 | 290 | |
| | 65 | 275 | 85 | 310.5 | | 3.588 | | | | 297 | 35 | 45 | 125 | 20 | 315 | |
| | 65 | 300 | 85 | 335.5 | | 3.728 | | | | 322 | 35 | 45 | 125 | 20 | 340 | |

订购步骤 型号代码 – 内宽F – 弯曲半径R – 主体链数N – 接头 – 竖隔片 – 横隔片
HD65 F50 R125 N10 HD65 S10 H10

25-65 增强系列 桥式 / 全封闭

## GD长跨度拖链



### 产 品 介 绍

“钢钉嵌入拖链”利用全新力学工艺结构，侧片使用复合3夹层加钢钉嵌入固定，大大增强了拖链的承载能力，加长悬空长度，实现6米悬空不塌腰！单个横盖片承重测试可达101KG;精选金属接头减少因运作摩擦而导致接头容易断裂；圆弧设计内槽光滑不磨线管；



01

三片式复合侧片

- 加钢钉嵌入固定
- 结构坚固
- 更易打开
- 不易脱落



02

金属接头可装内/外侧

- 金属接头
- 耐磨耐用
- 不易断裂
- 可内/外侧装



03

盖片承重101KG

- 单个横盖片承重
- 可达101KG
- 可装分隔片

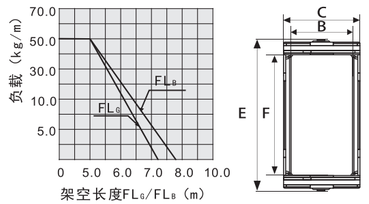


04

内槽圆弧设计

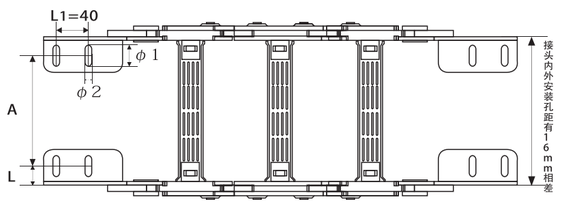
- 平滑内槽
- 不磨线管
- 边角圆弧设计
- 降低摩擦

## ■接头安装尺寸图 Joint installation dimension drawing










### 65超长横跨系列

所有产品均提供三维模型

| 内高 B | 内宽 F | 外高 C | 外宽 E | 弯曲半径 R | 重量 kg/m | 弯曲总高度 H | 款式 | 节距 P | 接头安装孔位 A | L1 | φ2 | φ1 | L | 接头可内外两侧安装 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 65 | 50 | 90 | 92 | R150<br>R200<br>R300 | 0.412 | 390<br>490<br>690 | GD<br>桥式<br>两侧<br>可开 | 110 | 连孔长38 | 40 | 9 | 24 | 22 | 把金属接头安装在主体外侧链接位置“A”会宽16mm |
| | 60 | | 102 | | 0.418 | | | | 连孔长44 | | | | | |
| | 75 | | 117 | | 0.421 | | | | 34 | | | | | |
| | 90 | | 132 | | 0.424 | | | | 49 | | | | | |
| | 100 | | 142 | | 0.431 | | | | 59 | | | | | |
| | 110 | | 152 | | 0.438 | | | | 69 | | | | | |
| | 117 | | 159 | | 0.438 | | | | 76 | | | | | |
| | 125 | | 167 | | 0.44 | | | | 84 | | | | | |
| | 130 | | 172 | | 0.44 | | | | 109 | | | | | |
| | 150 | | 192 | | 0.456 | | | | 114 | | | | | |
| | 175 | | 217 | | 0.47 | | | | 134 | | | | | |
| | 200 | | 242 | | 0.485 | | | | 159 | | | | | |
| | 225 | | 267 | | 0.485 | | | | 184 | | | | | |
| | 250 | | 292 | | 0.519 | | | | 209 | | | | | |
| | 275 | | 317 | | 0.519 | | | | 234 | | | | | |
| | 300 | | 342 | | 0.55 | | | | 259 | | | | | |

### 80超长横跨系列

所有产品均提供三维模型

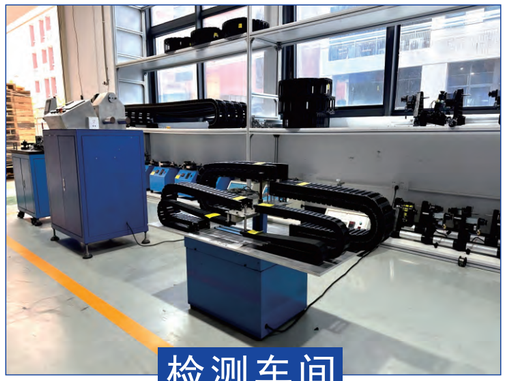
| 内高 B | 内宽 F | 外高 C | 外宽 E | 弯曲半径 R | 重量 kg/m | 弯曲总高度 H | 款式 | 节距 P | 接头安装孔位 A | L1 | φ2 | φ1 | L | 接头可内外两侧安装 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 80 | 75 | 100 | 115 | R150<br>R200<br>R250 | 0.483 | 400<br>500<br>700 | GD<br>桥式<br>两侧<br>可开 | 110 | 34 | 40 | 9 | 24 | 22 | 把金属接头安装在主体外侧链接位置“A”会宽16mm |
| | 90 | | 130 | | 0.491 | | | | 49 | | | | | |
| | 100 | | 140 | | 0.497 | | | | 59 | | | | | |
| | 110 | | 150 | | 0.504 | | | | 69 | | | | | |
| | 117 | | 157 | | 0.504 | | | | 76 | | | | | |
| | 125 | | 165 | | 0.507 | | | | 84 | | | | | |
| | 130 | | 170 | | 0.507 | | | | 89 | | | | | |
| | 150 | | 190 | | 0.522 | | | | 109 | | | | | |
| | 175 | | 215 | | 0.536 | | | | 134 | | | | | |
| | 200 | | 240 | | 0.552 | | | | 159 | | | | | |
| | 225 | | 265 | | 0.552 | | | | 184 | | | | | |
| | 250 | | 290 | | 0.586 | | | | 209 | | | | | |
| | 275 | | 315 | | 0.586 | | | | 234 | | | | | |
| | 300 | | 340 | | 0.621 | | | | 259 | | | | | |

订购步骤 型号代码 – 内宽F – 弯曲半径R – 主体链数N – 接头 – 竖隔片 – 横隔片

GD80 F75 R150 N~ GD80 S10 H10

## ■ 生产车间环境


厂区大门


检测车间


中央供料系统


组装打包车间

## ■ 组装车间环境


组装车间



拖链展会


拖链仓库



注塑车间