

# DURAMOV® Plastic Cable Carriers

## DURAMOV® 塑料电缆拖链

### C01 微型电缆拖链 Micro cable carriers

C01微型电缆拖链体积小，基于一片式设计重量轻特别适用于高速运动。C01微型电缆拖链适用于狭小安装空间，多种尺寸规格可选。

C01 micro cable carriers are very small, one piece carriers with low weight, making them ideal for highly dynamic applications. C01 micro cable carriers are optimal for the smallest installation spaces, and are available in many versions.



一片式设计不可打开  
One-piece design, non-openable



阻燃等级 Flammability Class  
UL94 HB



符合CE 标准 Compliance European



RoHS认证 certification



低噪音 Low-noise



根据需求提供ESD抗静电/防爆版拖链C11E  
Electrically conductive ESD/ATEX version C11E upon request

内高07-15mm，内宽07-50mm  
Inner height from 7mm to 15mm,  
Inner width from 7mm to 50mm

一片式设计不可打开  
One-piece design  
Non-openable

小节距设计实现低噪音  
顺畅运行  
Small pitch for low-noise  
Smooth running

可选带梳妆板接头  
With tiwrap plates are available

极小转弯半径  
Smallest bend radius



C01

DURAMOV®

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电话: 0573 84186133/84185527  
Tel: 0086 573 84187009

## 标准尺寸 Standard dimensions

| 微型电缆拖链<br>Micro cable carriers                                                    | 产品编码<br>Part No. | 内宽 Bi<br>Inner width [mm] | 外宽 Ba<br>Outer width [mm] | 内高 Hi<br>Inner height [mm] | 外高 Ha<br>Outer height [mm] | 弯曲半径 R<br>Bend radius [mm] | 架空长度<br>Unsupported length [m] | 页码<br>Page |
|-----------------------------------------------------------------------------------|------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|--------------------------------|------------|
|  | C01.07           | 7-30                      | 12-35                     | 7                          | 10                         | 15-48                      | ≤0.5                           | P24        |
|  | C01.10           | 10-30                     | 14-34                     | 10                         | 12                         | 18-38                      | ≤0.5                           | P26        |
|  | C01.15           | 16-50                     | 24.2-58.2                 | 15                         | 19.3                       | 25-48                      | ≤0.7                           | P28        |

## 安装说明 Installation



扭转并卡合  
Twist and click



扭转并分开  
Twist and divide

## 典型适用行业和应用 Typical Applicable Industries and Applications

- 车辆制造
- 自动门
- 测量机
- 电子设备
- 拾放机器人
- 医疗行业
- 打印机和绘图仪
- 半导体机器
- Vehicle construction
- Automatic doors
- Measuring machines
- Electric equipment
- Pick & place robots
- Medical industries
- Printer and plotter
- Semi-conductor machines

# DURAMOV® Plastic Cable Carriers

## DURAMOV® 塑料电缆拖链

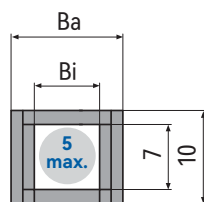
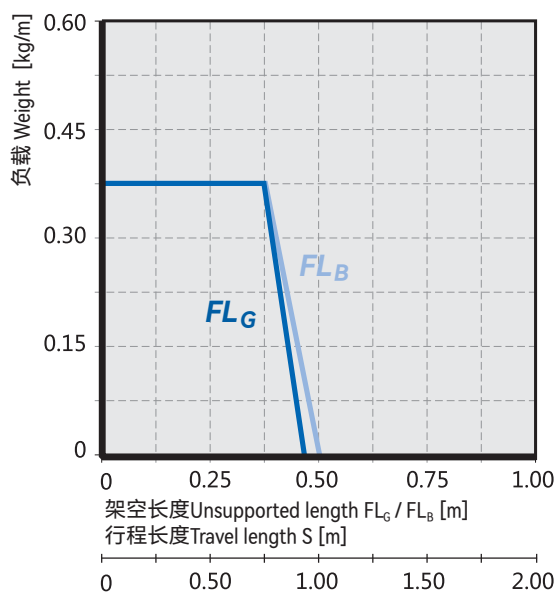
### C01.07 微型电缆拖链 Micro cable carriers



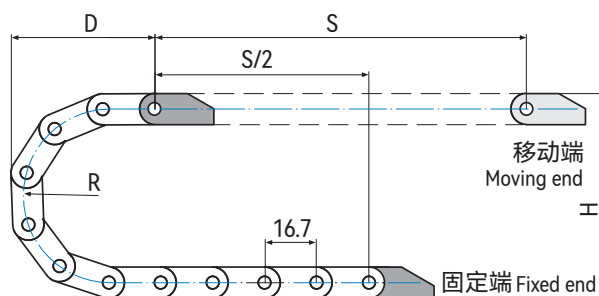
#### 标准尺寸 Standard dimensions

| 产品编码<br>Part No. | 内宽 Bi<br>Inner width [mm] | 外宽 Ba<br>Outer width [mm] | 内高 Hi<br>Inner height [mm] | 外高 Ha<br>Outer height [mm] | 弯曲半径 R<br>Bend radius [mm] |     |     |     |     | 重量<br>Weight [kg/m] |
|------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|-----|-----|-----|-----|---------------------|
| C01.07.07.R      | 7                         | 12                        | 7                          | 10                         | 015                        | 018 | 028 | 038 | 048 | 0.07                |
| C01.07.10.R      | 10                        | 15                        | 7                          | 10                         | 015                        | 018 | 028 | 038 | 048 | 0.08                |
| C01.07.16.R      | 16                        | 21                        | 7                          | 10                         | 015                        | 018 | 028 | 038 | 048 | 0.09                |
| C01.07.20.R      | 20                        | 25                        | 7                          | 10                         | 015                        | 018 | 028 | 038 | 048 | 0.10                |
| C01.07.30.R      | 30                        | 35                        | 7                          | 10                         | 015                        | 018 | 028 | 038 | 048 | 0.11                |

#### 安装尺寸 Installation dimensions



内高 Inner height Bi: 7mm  
 节距 Link pitch T: 16.7mm  
 链节数 Link quantity: 60pcs/m  
 安装高度 Clearance height  $H_F$ :  $H+10$ mm  
 拖链长度 Carrier length:  $S/2+K$

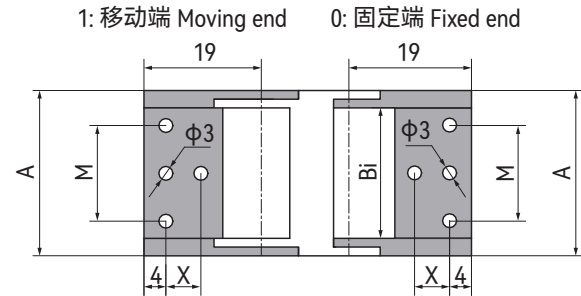


\*如果安装空间受到限制请咨询CSB®. Please consult CSB® if space is particularly restricted.

| R | 015 | 018 | 028 | 038 | 048 |
|---|-----|-----|-----|-----|-----|
| H | 40  | 46  | 66  | 86  | 106 |
| D | 45  | 48  | 58  | 68  | 78  |
| K | 85  | 90  | 125 | 155 | 185 |

实际安装高度 The required clearance height:  $H_F=H+10$ mm (负载 Fill weight 0.1kg/m)

## 拖链接头 Mounting brackets



产品编码 Part No.:

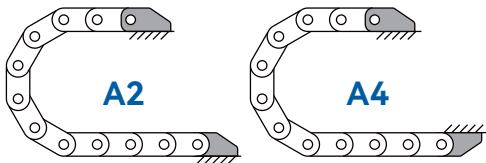
C01.07.07.01.L



- P: 摆动设计 Pivoting
- L: 固定设计 Locking
- 0: 固定端+1: 移动端
- 0: Fixed end + 1: Moving end
- 拖链内宽 Inner width
- 拖链内高 Inner height
- 拖链系列 Carrier series

| 产品编码 (固定)<br>Part No. (Locking) | 产品编码 (摆动)<br>Part No. (Pivoting) | 拖链内宽<br>Inner width Bi [mm] | A<br>[mm] | X<br>[mm] | M<br>[mm] |
|---------------------------------|----------------------------------|-----------------------------|-----------|-----------|-----------|
| C01.07.07.01.L                  | C01.07.07.01.P                   | 07                          | 12        | 8         | /         |
| C01.07.10.01.L                  | C01.07.10.01.P                   | 10                          | 15        | 8         | /         |
| C01.07.16.01.L                  | C01.07.16.01.P                   | 16                          | 21        | 8         | /         |
| C01.07.20.01.L                  | C01.07.20.01.P                   | 20                          | 25        | 8         | /         |
| C01.07.30.01.L                  | C01.07.30.01.P                   | 30                          | 35        | /         | 22        |

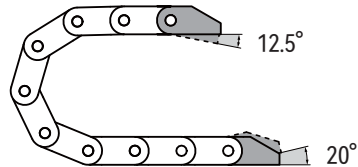
## 接头安装方式 Mounting bracket installation optional



\*C01.07拖链接头安装方式示意图 Possible installation configurations

\*A2/A4订购预装配拖链请注明安装方式 Please indicate installation code for pre-assembled carriers

## C01.07.Bi.01.P



\*推荐架空长行程拖行应用

For unsupported and gliding applications

## 技术参数 Installation dimensions

|  |                              |                  |                                             |                                      |
|--|------------------------------|------------------|---------------------------------------------|--------------------------------------|
|  | 架空长度 Unsupported length      | ≤ 0.5m           | 速度/加速度 Speed / acceleration FL <sub>G</sub> | ≤ 20 [m/s] / 200 [m/s <sup>2</sup> ] |
|  | 滑行距离 Sliding length          | 不适用 Inapplicable | 速度/加速度 Speed / acceleration FL <sub>B</sub> | ≤ 3 [m/s] / 6 [m/s <sup>2</sup> ]    |
|  | 竖直悬挂 Vertical hanging        | ≤ 5m             | 滑行速度/加速度 Sliding speed / acceleration       | ≤ 3 [m/s] / 10 [m/s <sup>2</sup> ]   |
|  | 垂直站立 Vertical standing       | ≤ 0.5m           | 允许温度 Permitted temperature                  | -40°C ~120°C                         |
|  | 侧向架空 Side-unsupported length | ≤ 0.5m           | 阻燃等级 Flammability Class                     | UL94 HB                              |

## 预装拖链订购编码 Order code for pre-assembled cable carriers

| 拖链本体 Body                   |                    |                   |                     |                       | 选配 Optional                                     |
|-----------------------------|--------------------|-------------------|---------------------|-----------------------|-------------------------------------------------|
| C01 . 07 . 07 . 018 . 020 . |                    |                   |                     |                       | A2                                              |
| 拖链系列<br>Carrier series      | 内高<br>Inner height | 内宽<br>Inner width | 弯曲半径<br>Bend radius | 链节数量<br>Link quantity | 接头安装方式<br>Mounting bracket<br>installation type |

# DURAMOV® Plastic Cable Carriers

## DURAMOV® 塑料电缆拖链

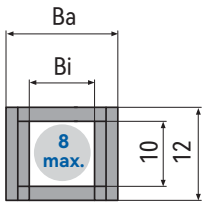
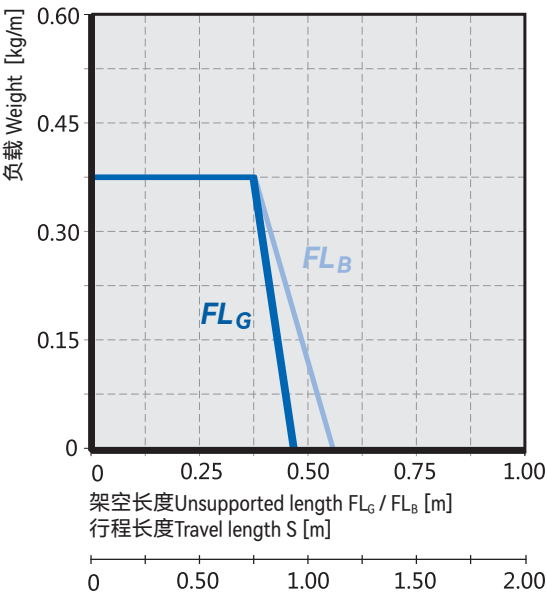
### C01.10 微型电缆拖链 Micro cable carriers



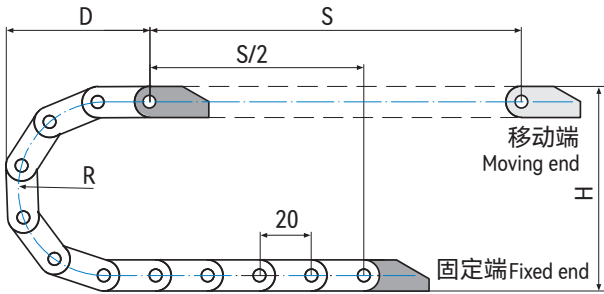
#### 标准尺寸 Standard dimensions

| 产品编码<br>Part No. | 内宽 Bi<br>Inner width [mm] | 外宽 Ba<br>Outer width [mm] | 内高 Hi<br>Inner height [mm] | 外高 Ha<br>Outer height [mm] | 弯曲半径 R<br>Bend radius [mm] |     |     | 重量<br>Weight [kg/m] |
|------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|-----|-----|---------------------|
| C01.10.10.R      | 10                        | 14                        | 10                         | 12                         | 018                        | 028 | 038 | 0.07                |
| C01.10.16.R      | 16                        | 20                        | 10                         | 12                         | 018                        | 028 | 038 | 0.08                |
| C01.10.20.R      | 20                        | 24                        | 10                         | 12                         | 018                        | 028 | 038 | 0.09                |
| C01.10.30.R      | 30                        | 34                        | 10                         | 12                         | 018                        | 028 | 038 | 0.09                |

#### 安装尺寸 Installation dimensions



内高 Inner height Bi: 10mm  
节距 Link pitch T: 20mm  
链节数 Link quantity: 50pcs/m  
安装高度 Clearance height H<sub>F</sub>: H+10mm  
拖链长度 Carrier length: S/2+K

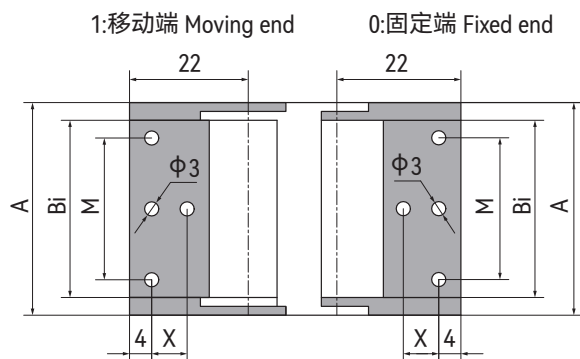


\*如果安装空间受到限制请咨询CSB®. Please consult CSB® if space is particularly restricted.

| R | 018 | 028 | 038 |
|---|-----|-----|-----|
| H | 48  | 68  | 88  |
| D | 54  | 64  | 74  |
| K | 100 | 130 | 160 |

实际安装高度 The required clearance height: H<sub>F</sub>=H+10mm (负载 Fill weight 0.2kg/m)

## 拖链接头 Mounting brackets



产品编码 Part No.:

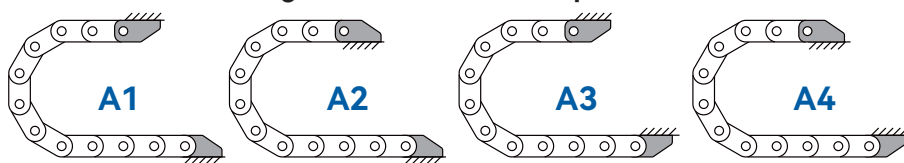
C01.10.10.01.L



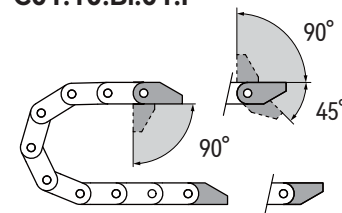
P: 摆动设计 Pivoting  
L: 固定设计 Locking  
0: 固定端+1: 移动端  
0: Fixed end + 1: Moving end  
拖链内宽 Inner width  
拖链内高 Inner height  
拖链系列 Carrier series

| 产品编码 (固定)<br>Part No. (Locking) | 产品编码 (摆动)<br>Part No. (Pivoting) | 拖链内宽<br>Inner width Bi [mm] | A<br>[mm] | X<br>[mm] | M<br>[mm] |
|---------------------------------|----------------------------------|-----------------------------|-----------|-----------|-----------|
| C01.10.10.01.L                  | C01.10.10.01.P                   | 10                          | 14.7      | 8         | /         |
| C01.10.16.01.L                  | C01.10.16.01.P                   | 16                          | 20.7      | 8         | /         |
| C01.10.20.01.L                  | C01.10.20.01.P                   | 20                          | 24.7      | 8         | /         |
| C01.10.30.01.L                  | C01.10.30.01.P                   | 30                          | 34.7      | /         | 22        |

## 接头安装方式 Mounting bracket installation optional



C01.10.Bi.01.P



\*C01.10拖链接头安装方式示意图 Possible installation configurations

\*A1|A2|A3|A4订购预装配拖链请注明安装方式 Please indicate installation code for pre-assembled carriers

\*推荐架空长行程拖行应用

For unsupported and gliding applications

## ① 技术参数 Installation dimensions

|  |                              |                  |                                              |                                      |
|--|------------------------------|------------------|----------------------------------------------|--------------------------------------|
|  | 架空长度 Unsupported length      | ≤ 0.55m          | 速度/ 加速度 Speed / acceleration FL <sub>G</sub> | ≤ 20 [m/s] / 200 [m/s <sup>2</sup> ] |
|  | 滑行距离 Sliding length          | 不适用 Inapplicable | 速度/ 加速度 Speed / acceleration FL <sub>B</sub> | ≤ 3 [m/s] / 6 [m/s <sup>2</sup> ]    |
|  | 竖直悬挂 Vertical hanging        | ≤ 5m             | 滑行速度/ 加速度 Sliding speed / acceleration       | ≤ 3 [m/s] / 10 [m/s <sup>2</sup> ]   |
|  | 垂直站立 Vertical standing       | ≤ 0.5m           | 允许温度 Permitted temperature                   | -40°C ~ 120°C                        |
|  | 侧向架空 Side-unsupported length | ≤ 0.5m           | 阻燃等级 Flammability Class                      | UL94 HB                              |

## 🛒 预装拖链订购编码 Order code for pre-assembled cable carriers

| 拖链本体 Body              |                    |                   |                     |                       | 选配 Optional                                     |
|------------------------|--------------------|-------------------|---------------------|-----------------------|-------------------------------------------------|
| C01.10.10.018.020.     |                    |                   |                     |                       | A1                                              |
| 拖链系列<br>Carrier series | 内高<br>Inner height | 内宽<br>Inner width | 弯曲半径<br>Bend radius | 链节数量<br>Link quantity | 接头安装方式<br>Mounting bracket<br>Installation type |

# DURAMOV® Plastic Cable Carriers

## DURAMOV® 塑料电缆拖链

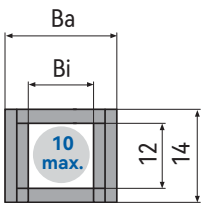
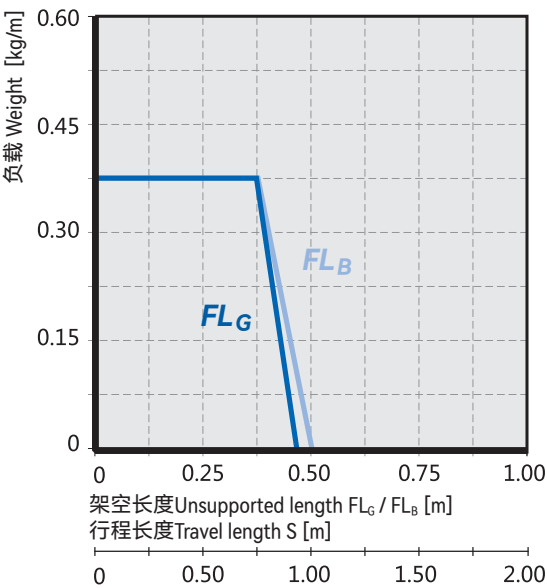
### C01.12 微型电缆拖链 Micro cable carriers



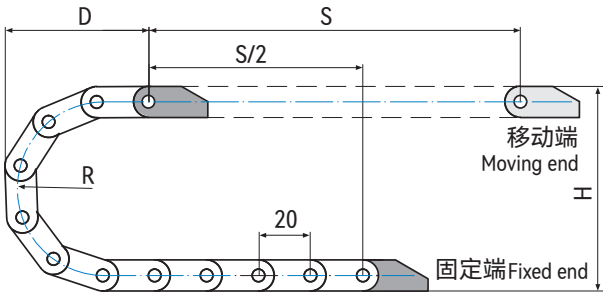
#### 标准尺寸 Standard dimensions

| 产品编码<br>Part No. | 内宽 Bi<br>Inner width [mm] | 外宽 Ba<br>Outer width [mm] | 内高 Hi<br>Inner height [mm] | 外高 Ha<br>Outer height [mm] | 弯曲半径 R<br>Bend radius [mm] | 重量<br>Weight [kg/m] |
|------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|---------------------|
| C01.12.10.R      | 10                        | 14                        | 12                         | 14                         | 018                        | 0.1                 |
| C01.12.12.R      | 12                        | 16                        | 12                         | 14                         | 018                        | 0.1                 |

#### 安装尺寸 Installation dimensions



内高 Inner height Bi: 12mm  
节距 Link pitch T: 20mm  
链节数 Link quantity: 50pcs/m  
安装高度 Clearance height H<sub>F</sub>: H+10mm  
拖链长度 Carrier length: S/2+K



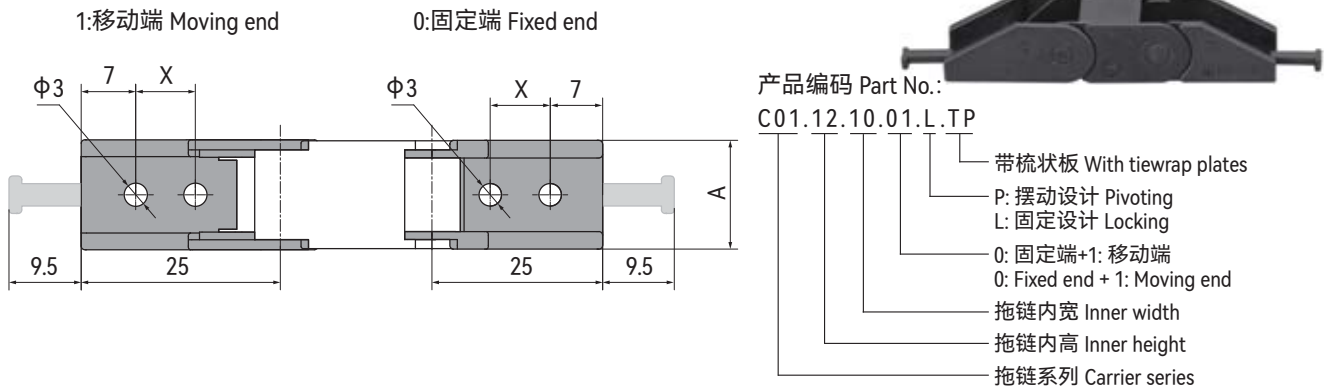
\*如果安装空间受到限制请咨询CSB®. Please consult CSB® if space is particularly restricted.

| R | 018 | 028 | 038 |
|---|-----|-----|-----|
| H | 50  | 70  | 90  |
| D | 56  | 66  | 76  |
| K | 100 | 130 | 160 |

实际安装高度 The required clearance height: H<sub>F</sub>=H+12mm (负载 Fill weight 0.2kg/m)

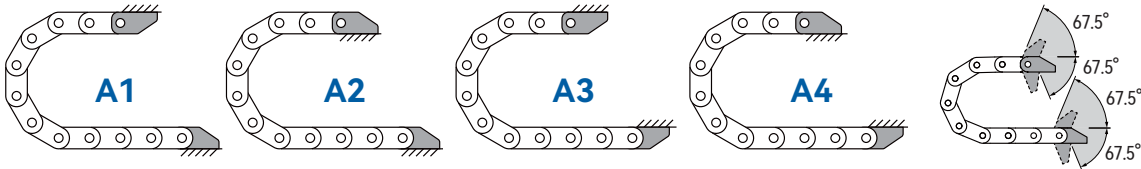


## 拖链接头 Mounting brackets



| 无梳状板接头编码<br>Without tiwrap plates<br>(固定 Locking) | 带梳状板接头编码<br>With tiwrap plates<br>(固定 Locking) | 无梳状板接头编码<br>Without tiwrap plates<br>(摆动 Pivoting) | 带梳状板接头编码<br>With tiwrap plates<br>(摆动 Pivoting) | 拖链内宽<br>Inner width<br>Bi [mm] | A<br>[mm] | X<br>[mm] | 齿数<br>Number of teeth<br>[pcs] |
|---------------------------------------------------|------------------------------------------------|----------------------------------------------------|-------------------------------------------------|--------------------------------|-----------|-----------|--------------------------------|
| C01.12.10.01.L                                    | C01.12.10.01.L.TP                              | C01.12.10.01.P                                     | C01.12.10.01.PTP                                | 10                             | 14.7      | 8         | 1                              |
| C01.12.12.01.L                                    | C01.12.12.01.L.TP                              | C01.12.12.01.P                                     | C01.12.12.01.PTP                                | 12                             | 16.7      | 8         | 1                              |

## 接头安装方式 Mounting bracket installation optional



\*C01.10拖链接头安装方式示意图 Possible installation configurations

\*A1|A2|A3|A4订购预装配拖链请注明安装方式 Please indicate installation code for pre-assembled carriers

\*推荐架空长行程拖行应用

For unsupported and gliding applications

## 技术参数 Installation dimensions

|  |                              |                  |                                             |                                      |
|--|------------------------------|------------------|---------------------------------------------|--------------------------------------|
|  | 架空长度 Unsupported length      | ≤ 0.75m          | 速度/加速度 Speed / acceleration FL <sub>G</sub> | ≤ 20 [m/s] / 200 [m/s <sup>2</sup> ] |
|  | 滑行距离 Sliding length          | 不适用 Inapplicable | 速度/加速度 Speed / acceleration FL <sub>B</sub> | ≤ 3 [m/s] / 6 [m/s <sup>2</sup> ]    |
|  | 竖直悬挂 Vertical hanging        | ≤ 5m             | 滑行速度/加速度 Sliding speed / acceleration       | ≤ 3 [m/s] / 10 [m/s <sup>2</sup> ]   |
|  | 垂直站立 Vertical standing       | ≤ 0.5m           | 允许温度 Permitted temperature                  | -40°C ~120°C                         |
|  | 侧向架空 Side-unsupported length | ≤ 0.5m           | 阻燃等级 Flammability Class                     | UL94 HB                              |

## 预装拖链订购编码 Order code for pre-assembled cable carriers

| 拖链本体 Body                 |                    |                   |                     |                       | 选配 Optional                                     |
|---------------------------|--------------------|-------------------|---------------------|-----------------------|-------------------------------------------------|
| <b>C01.12.10.028.020.</b> |                    |                   |                     |                       | <b>A1</b>                                       |
| 拖链系列<br>Carrier series    | 内高<br>Inner height | 内宽<br>Inner width | 弯曲半径<br>Bend radius | 链节数量<br>Link quantity | 接头安装方式<br>Mounting bracket<br>Installation type |



# DURAMOV® Plastic Cable Carriers

## DURAMOV® 塑料电缆拖链

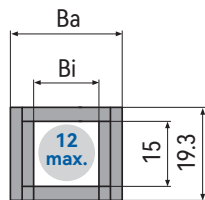
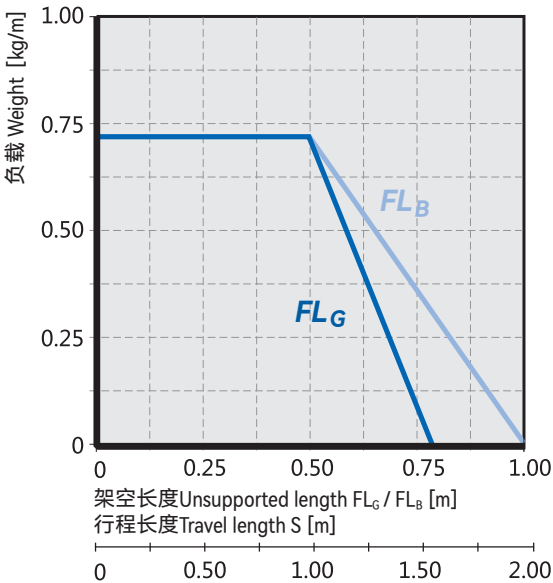
### C01.15 微型电缆拖链 Micro cable carriers



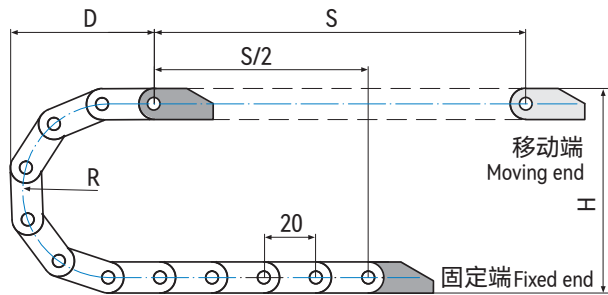
#### 标准尺寸 Standard dimensions

| 产品编码<br>Part No. | 内宽 Bi<br>Inner width [mm] | 外宽 Ba<br>Outer width [mm] | 内高 Hi<br>Inner height [mm] | 外高 Ha<br>Outer height [mm] | 弯曲半径 R<br>Bend radius [mm] |     |     |     | 重量<br>Weight [kg/m] |
|------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|-----|-----|-----|---------------------|
| C01.15.16.R      | 16                        | 24.2                      | 15                         | 19.3                       | 025                        | 028 | 038 | 048 | 0.24                |
| C01.15.20.R      | 20                        | 28.2                      | 15                         | 19.3                       | 025                        | 028 | 038 | 048 | 0.25                |
| C01.15.30.R      | 30                        | 38.2                      | 15                         | 19.3                       | 025                        | 028 | 038 | 048 | 0.28                |
| C01.15.40.R      | 40                        | 48.2                      | 15                         | 19.3                       | 025                        | 028 | 038 | 048 | 0.31                |
| C01.15.50.R      | 50                        | 58.2                      | 15                         | 19.3                       | 025                        | 028 | 038 | 048 | 0.37                |

#### 安装尺寸 Installation dimensions



内高 Inner height Bi: 15mm  
节距 Link pitch T: 20mm  
链节数 Link quantity: 50pcs/m  
安装高度 Clearance height  $H_F$ :  $H+15\text{mm}$   
拖链长度 Carrier length:  $S/2+K$

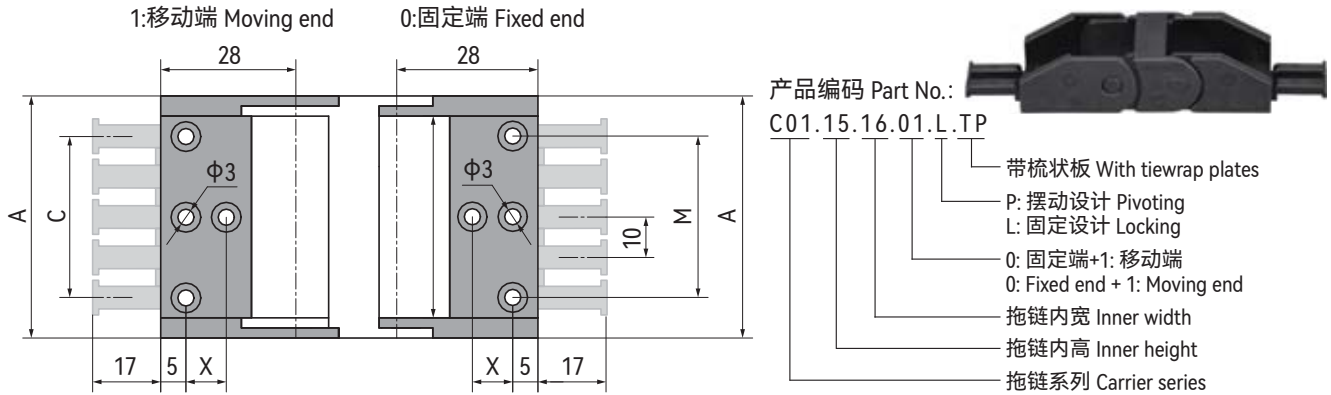


\*如果安装空间受到限制请咨询CSB®. Please consult CSB® if space is particularly restricted.

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| R | 025 | 028 | 038 | 048 |
| H | 69  | 75  | 95  | 115 |
| D | 65  | 68  | 78  | 88  |
| K | 120 | 130 | 160 | 195 |

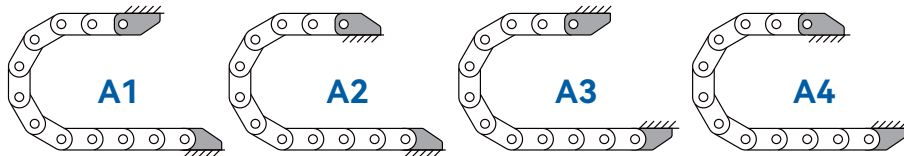
实际安装高度 The required clearance height:  $H_F=H+15\text{mm}$  (负载 Fill weight 0.3kg/m)

## 拖链接头 Mounting brackets



| 无梳状板接头编码<br>(固定 Locking) | 带梳状板接头编码<br>(固定 Locking) | 无梳状板接头编码<br>(摆动 Pivoting) | 带梳状板接头编码<br>(摆动 Pivoting) | 拖链内宽<br>Inner width<br>Bi [mm] | A<br>[mm] | X<br>[mm] | M<br>[mm] | C<br>[mm] | 齿数<br>Number of<br>teeth [pcs] |
|--------------------------|--------------------------|---------------------------|---------------------------|--------------------------------|-----------|-----------|-----------|-----------|--------------------------------|
| C01.15.16.01.L           | C01.15.16.01.L.TP        | C01.15.16.01.P            | C01.15.16.01.P.TP         | 16                             | 24.2      | 8         | /         | 10        | 2                              |
| C01.15.20.01.L           | C01.15.20.01.L.TP        | C01.15.20.01.P            | C01.15.20.01.P.TP         | 20                             | 28.2      | 8         | /         | 10        | 2                              |
| C01.15.30.01.L           | C01.15.30.01.L.TP        | C01.15.30.01.P            | C01.15.30.01.P.TP         | 30                             | 38.2      | 8         | 22        | 20        | 3                              |
| C01.15.40.01.L           | C01.15.40.01.L.TP        | C01.15.40.01.P            | C01.15.40.01.P.TP         | 40                             | 48.2      | 8         | 32        | 30        | 4                              |
| C01.15.50.01.L           | C01.15.50.01.L.TP        | C01.15.50.01.P            | C01.15.50.01.P.TP         | 50                             | 58.2      | 8         | 42        | 40        | 5                              |

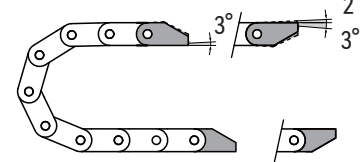
## 接头安装方式 Mounting bracket installation optional



\*C01.15拖链接头安装方式示意图 Possible installation configurations

\*A1|A2|A3|A4订购预装配拖链请注明安装方式 Please indicate installation code for pre-assembled carriers

## C01.15.Bi.01.P



\*推荐架空长行程拖行应用

For unsupported and gliding applications

## ① 技术参数 Installation dimensions

|                              |                  |                                             |                                      |
|------------------------------|------------------|---------------------------------------------|--------------------------------------|
| 架空长度 Unsupported length      | ≤ 1.0m           | 速度/加速度 Speed / acceleration FL <sub>G</sub> | ≤ 20 [m/s] / 200 [m/s <sup>2</sup> ] |
| 滑行距离 Sliding length          | 不适用 Inapplicable | 速度/加速度 Speed / acceleration FL <sub>B</sub> | ≤ 3 [m/s] / 6 [m/s <sup>2</sup> ]    |
| 竖直悬挂 Vertical hanging        | ≤ 5m             | 滑行速度/加速度 Sliding speed / acceleration       | ≤ 3 [m/s] / 10 [m/s <sup>2</sup> ]   |
| 垂直站立 Vertical standing       | ≤ 0.5m           | 允许温度 Permitted temperature                  | -40°C ~ 120°C                        |
| 侧向架空 Side-unsupported length | ≤ 0.5m           | 阻燃等级 Flammability Class                     | UL94 HB                              |

## 🛒 预装拖链订购编码 Order code for pre-assembled cable carriers

| 拖链本体 Body              |                    |                   |                     |                       | 选配 Optional                                     |
|------------------------|--------------------|-------------------|---------------------|-----------------------|-------------------------------------------------|
| C01.15.16.025.020.     |                    |                   |                     |                       | A1                                              |
| 拖链系列<br>Carrier series | 内高<br>Inner height | 内宽<br>Inner width | 弯曲半径<br>Bend radius | 链节数量<br>Link quantity | 接头安装方式<br>Mounting bracket<br>installation type |