

CSB-PCC® Plastic Cable Chains

CSB-PCC® 工程塑料电缆拖链

BL 波纹管 Bellows



BL波纹管适用于众多通用机械行业，出色的耐低温和自阻燃性能还适用于汽车工业。此系列波纹管可在低温下保持较好的抗冲击性能，并具有良好的耐候性。

- 自阻燃V2
- 针对冷冲击强度而改良聚酰胺制成
- 不含卤素和镉，即使在低温下也具有高抗冲击强度
- 运行温度范围: -40℃ 至 +105℃; 短期: +150℃
- 化学抗性: 可耐受燃料, 矿物油, 油脂, 弱酸和弱碱等

BL bellows is suitable for use in general mechanical applications, The good anti-freezing ability and self-extinguishing properties can be used in automotive industries. The bellows keep high impact resistance in cold temperatures and good weather resistance.

- Self-extinguishing class V2
- Made of polyamide with specially modified to withstand freezing temperatures
- Halogen and cadmium free, high impact resistance, even at low temperatures
- Temperature range: -40℃ to +105℃; short-term: +150℃
- Chemical resistance: Against fuels, mineral oils, greases, alkalis, weak acids and bases, etc.



阻燃等级 Flammability Class
UL94 V2



RoHS认证 certification



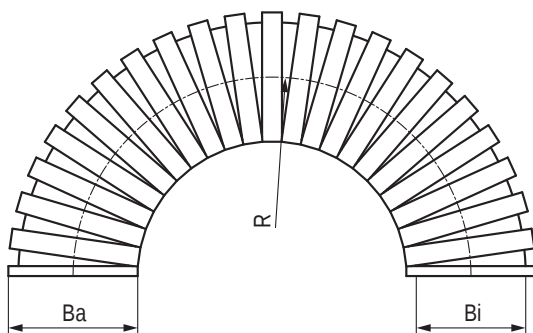
可扭转运动
Torsional motion possible

BL01 波纹管 Bellows



标准尺寸 Standard dimensions

产品编码(全封闭) Part No. (Close)	产品编码(开口) Part No. (Open)	内径 Bi Inner diameter [mm]	外径 Ba Outer diameter [mm]	弯曲半径 R Bend radius [mm]	拉伸强度 Max. tension strength [N]	延伸率 Strain at break [%]	最大长度 Max. length [m]	重量 Weight [kg/m]
BL01-06-AD10.0	BL01-06-AD10.0-OP	6.0	10.0	16	200	120%	100	0.018
BL01-10-AD13.0	BL01-10-AD13.0-OP	10.0	13.0	20	350	120%	100	0.023
BL01-12-AD15.8	BL01-12-AD15.8-OP	12.0	15.8	30	500	150%	100	0.033
BL01-14-AD18.5	BL01-14-AD18.5-OP	14.3	18.5	40	650	160%	100	0.042
BL01-17-AD21.2	BL01-17-AD21.2-OP	17.0	21.2	45	850	200%	100	0.054
BL01-20-AD25.0	BL01-20-AD25.0-OP	20.0	25.0	45	1000	200%	100	0.062
BL01-23-AD28.5	BL01-23-AD28.5-OP	23.0	28.5	50	1100	200%	50	0.084
BL01-26-AD32.0	BL01-26-AD32.0-OP	26.0	32.0	55	1200	200%	50	0.093
BL01-29-AD34.5	BL01-29-AD34.5-OP	29.0	34.5	60	1600	200%	50	0.104
BL01-36-AD42.5	BL01-36-AD42.5-OP	36.0	42.5	70	1800	200%	50	0.138
BL01-48-AD54.5	BL01-48-AD54.5-OP	48.0	54.5	90	2800	200%	25	0.224



产品编码 Part No.:

BL01-10-AD13.0-OP

开口 Open

波纹管外径 Inner width

波纹管内径 Inner height

波纹管系列 Chain series

附件 Accessories



支架 Brackets

*详情Product information: P124



快速接头Quick connectors

*详情Product information: P124



防水接头Water-proof connectors

*详情Product information: P124



直角接头Right-angle connectors

*详情Product information: P124

CSB-PCC® Plastic Cable Chains

CSB-PCC® 工程塑料电缆拖链

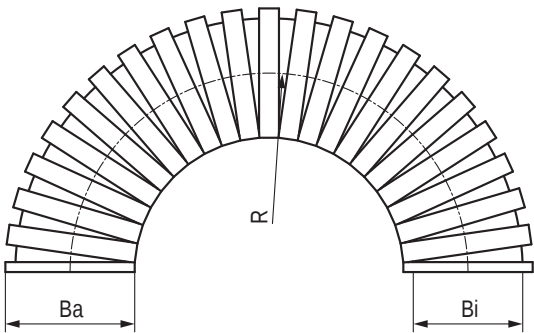
BL02

BL02 波纹管 Bellows



标准尺寸 Standard dimensions

产品编码(全封闭) Part No. (Close)	产品编码(开口) Part No. (Open)	内径 Bi Inner diameter [mm]	外径 Ba Outer diameter [mm]	弯曲半径 R Bend radius [mm]	拉伸强度 Max. tension strength [N]	延伸率 Strain at break [%]	最大长度 Max. length [m]	重量 Weight [kg/m]
BL02-10-AD13.0	BL02-10-AD13.0-OP	10.0	13.0	20	350	120%	100	0.023
BL02-12-AD15.8	BL02-12-AD15.8-OP	12.0	15.8	30	500	150%	100	0.033
BL02-14-AD18.5	BL02-14-AD18.5-OP	14.3	18.5	40	650	160%	100	0.042
BL02-17-AD21.2	BL02-17-AD21.2-OP	17.0	21.2	45	850	200%	100	0.054
BL02-20-AD25.0	BL02-20-AD25.0-OP	20.0	25.0	45	1000	200%	100	0.062
BL02-23-AD28.5	BL02-23-AD28.5-OP	23.0	28.5	50	1100	200%	50	0.084
BL02-29-AD34.5	BL02-29-AD34.5-OP	29.0	34.5	60	1600	200%	50	0.104
BL02-36-AD42.5	BL02-36-AD42.5-OP	36.0	42.5	70	1800	200%	50	0.138
BL02-48-AD54.5	BL02-48-AD54.5-OP	48.0	54.5	90	2800	200%	25	0.224



产品编码 Part No.:

BL02-10-AD13.0-OP

开口 Open

波纹管外径 Inner width

波纹管内径 Inner height

波纹管系列 Chain series

附件 Accessories



支架 Brackets
*详情Product information: P124



快速接头 Quick connectors
*详情Product information: P124



直角接头 Right-angle connectors
*详情Product information: P124

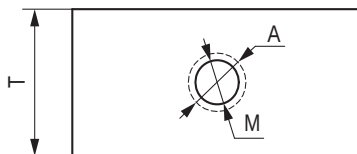
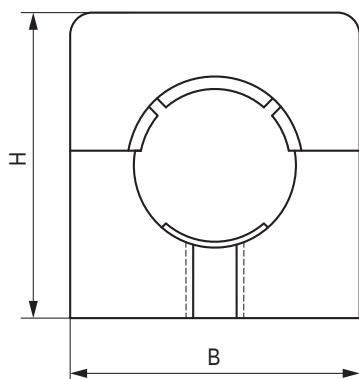
附件 | VHB波纹管支架 Accessories | Brackets

■ VHB-GY波纹管支架 Brackets



- 节约安装时间、空间、成本、紧凑的模块化设计
- 不易老化，使用安全，寿命长
- 极佳的抗冲击强度
- Compact modular design to save installation time, space and cost
- Long life and safety in use
- Excellence in impact strength

标准尺寸 Standard dimensions



产品编码 Part No.:

VHB-AD13.0-GY

空白: 黑色 Black
GY: 灰色 Grey

适配软管 Bellows

支架系列 Series

产品编码 Part No.	产品编码 Part No.	适配软管 Bellows	B [mm]	H [mm]	T [mm]	M [mm]	A [mm]	重量 Weight [g]
VHB-AD13.0	VHB-AD13.0-GY	AD13.0	30	26	12.5	4.5	8.0	7.4
VHB-AD15.8	VHB-AD15.8-GY	AD15.8	30	26	12.5	5.0	8.5	7.4
VHB-AD18.5	VHB-AD18.5-GY	AD18.5	35	33	15.0	6.0	10.0	9.0
VHB-AD21.2	VHB-AD21.2-GY	AD21.2	35	34	15.0	6.0	10.0	9.0
VHB-AD25.0	VHB-AD25.0-GY	AD25.0	42	38	16.0	6.0	11.5	10.6
VHB-AD28.5	VHB-AD28.5-GY	AD28.5	42	42	16.0	6.0	11.5	10.6
VHB-AD34.5	VHB-AD34.5-GY	AD34.5	51	52	16.0	6.5	12.0	12.2
VHB-AD42.5	VHB-AD42.5-GY	AD42.5	58	59	18.0	6.5	12.0	13.8
VHB-AD54.5	VHB-AD54.5-GY	AD54.5	73	74	20.0	7.0	12.5	15.4

CSB-PCC® Plastic Cable Chains

CSB-PCC® 工程塑料电缆拖链

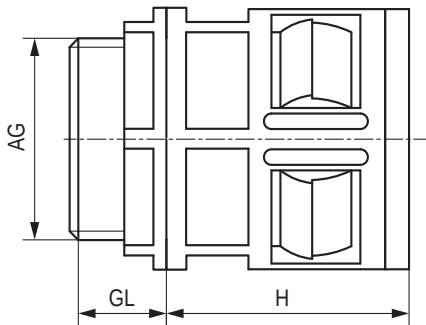
附件 | QDC波纹管快速接头 Accessories | Quick connectors

■ QDC波纹管快速接头 Quick connectors



- 节约安装时间、空间、成本、紧凑的模块化设计
- 应用广泛，可实现最高的安全和密封性能
- 不易老化，使用安全，寿命长
- 极佳的抗冲击强度
- Compact modular design reduces cost and provides less installation time and space
- Wide range of applications for maximum safety and sealing performance
- Great durability, anti-aging, safe to use, long life
- Excellent impact strength

标准尺寸 Standard dimensions



产品编码 Part No.:

QDC-AD13.0-M16x1.5-GY

- 空白: 黑色 Black
- GY: 灰色 Grey
- 螺纹尺寸 Thread
- 适配软管 Bellows
- 支架系列 Series

产品编码 Part No.	产品编码 Part No.	适配软管 Bellows	螺纹尺寸 Thread [mm]	AG外径 Outer diameter [mm]	AG内径 Inner diameter [mm]	GL [mm]	H [mm]	重量 Weight [g]
QDC-AD13.0-M16x1.5	QDC-AD13.0-M16x1.5-GY	AD13.0	M16x1.5	16	12	10	25	2.2
QDC-AD15.8-M16x1.5	QDC-AD15.8-M16x1.5-GY	AD15.8	M16x1.5	16	12	12	28	2.7
QDC-AD18.5-M20x1.5	QDC-AD18.5-M20x1.5-GY	AD18.5	M20x1.5	20	15	12	28	2.7
QDC-AD21.2-M20x1.5	QDC-AD21.2-M20x1.5-GY	AD21.2	M20x1.5	20	15	12	31	3.7
QDC-AD25.0-M25x1.5	QDC-AD25.0-M25x1.5-GY	AD25.0	M25x1.5	25	20	11	33	4.2
QDC-AD28.5-M25x1.5	QDC-AD28.5-M25x1.5-GY	AD28.5	M25x1.5	25	20	13	34	4.5
QDC-AD34.5-M32x1.5	QDC-AD34.5-M32x1.5-GY	AD34.5	M32x1.5	32	26	15	36	9.2
QDC-AD42.5-M40x1.5	QDC-AD42.5-M40x1.5-GY	AD42.5	M40x1.5	40	34	15	39	10.9
QDC-AD54.5-M50x1.5	QDC-AD54.5-M50x1.5-GY	AD54.5	M50x1.5	50	43	15	39	16.6

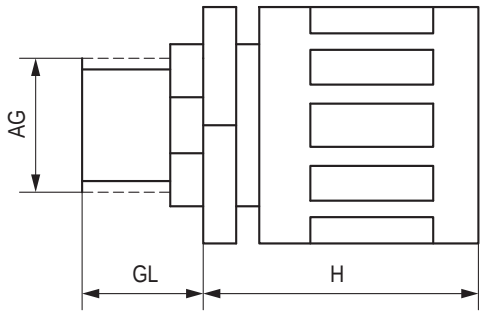
附件 | WPC波纹管防水接头 Accessories | Water-proof connectors

■ WPC波纹管防水接头 Water-proof connectors



- 防水等级IP68
- 节约安装时间、空间、成本、紧凑的模块化设计
- 内置防水密封圈，防水效果可靠，拉力强
- 不易老化，使用安全，寿命长
- 极佳的抗冲击强度
- Waterproof grade IP68
- Compact modular design, easy to installation, safe to use, cost less
- Reliable waterproof performance with sealing ring, strong tensile strength
- Not easy to age, safe to use, long service life
- Excellent impact strength

标准尺寸 Standard dimensions



产品编码 Part No.:
WPC-AD13.0-M16x1.5
 螺纹尺寸 Thread
 适配软管 Bellows
 支架系列 Series

产品编码 Part No.	适配软管 Bellows	螺纹尺寸 Thread [mm]	AG外径 Outer diameter [mm]	GL [mm]	H [mm]	重量 Weight [g]
WPC-AD13.0-M16x1.5	AD13.0	M16x1.5	16	15	25	2.2
WPC-AD15.8-M16x1.5	AD15.8	M16x1.5	16	15	28	2.7
WPC-AD18.5-M20x1.5	AD18.5	M20x1.5	20	15	28	2.7
WPC-AD21.2-M20x1.5	AD21.2	M20x1.5	20	15	28	3.7
WPC-AD25.0-M25x1.5	AD25.0	M25x1.5	25	15	28	4.2
WPC-AD28.5-M25x1.5	AD28.5	M25x1.5	25	15	28	4.5
WPC-AD34.5-M32x1.5	AD34.5	M32x1.5	32	15	30	9.2
WPC-AD42.5-M40x1.5	AD42.5	M40x1.5	40	15	35	10.9
WPC-AD54.5-M50x1.5	AD54.5	M50x1.5	50	25	55	16.6

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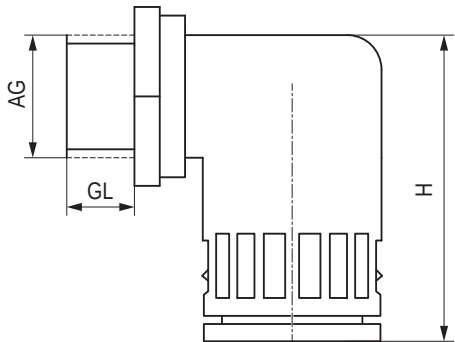
附件 | RAC波纹管直角接头 Accessories | Right-angle connectors

RAC波纹管直角接头 Right-angle connectors



- 节约安装时间、空间、成本、紧凑的模块化设计
- 应用广泛，可实现最高的安全和密封性能
- 不易老化，使用安全，寿命长
- 极佳的抗冲击强度
- Compact modular design saves installation time and space, as well as cost
- Wide range of applications, maximum safety and sealing performance
- Application safely, long life, good durability
- Excellent impact strength

标准尺寸 Standard dimensions



产品编码 Part No.:

RAC-AD13.0-M16x1.5-GY

空白: 黑色 Black

GY: 灰色 Grey

螺纹尺寸 Thread

适配软管 Bellows

支架系列 Series

产品编码 Part No.	产品编码 Part No.	适配软管 Bellows	螺纹尺寸 Thread [mm]	AG外径 Outer diameter [mm]	GL [mm]	H [mm]	重量 Weight [g]
RAC-AD13.0-M16x1.5	RAC-AD13.0-M16x1.5-GY	AD13.0	M16x1.5	15	10	37	3.3
RAC-AD15.8-M16x1.5	RAC-AD15.8-M16x1.5-GY	AD15.8	M16x1.5	16	13	43	4.3
RAC-AD18.5-M20x1.5	RAC-AD18.5-M20x1.5-GY	AD18.5	M20x1.5	20	13	46	5.3
RAC-AD21.2-M20x1.5	RAC-AD21.2-M20x1.5-GY	AD21.2	M20x1.5	20	13	49	6.3
RAC-AD25.0-M25x1.5	RAC-AD25.0-M25x1.5-GY	AD25.0	M25x1.5	25	13	52	7.3
RAC-AD28.5-M25x1.5	RAC-AD28.5-M25x1.5-GY	AD28.5	M25x1.5	25	13	57	8.3
RAC-AD34.5-M32x1.5	RAC-AD34.5-M32x1.5-GY	AD34.5	M32x1.5	32	15	65	10.3
RAC-AD42.5-M40x1.5	RAC-AD42.5-M40x1.5-GY	AD42.5	M40x1.5	40	15	78	12.3
RAC-AD54.5-M50x1.5	RAC-AD54.5-M50x1.5-GY	AD54.5	M50x1.5	50	17	95	16.3