

SONDA M.T.
海 兴 盛 达

拖鏈系統專注智造商
THE DRAG CHAIN SYSTEM
FOCUSES ON THE INTELLIGENT
MANUFACTURER

大國品牌 · 大國智造

Big country brand · Big country manufacture

Company profiles

企业简介

海兴盛达数控设备配套有限公司是一家专业从事生产拖链系统，电缆保护软管及接头连接器的工业自动化公司。公司致力于拖链系统领域的发展，凭借产品的高品质，高技术，完美外观，优质服务，广泛应用于工业自动化、数控机床、塑料机械、化工机械、工程机械、烟草设备、医药设备、港口设备、制造设备等领域。

随着公司的不断发展，我们坚持能够提供"完整的拖链系统"，这是一个集合了电缆拖链，电缆保护软管以及接头连接器于一体的全新概念，为客户带来最佳的解决方案。

因此，让我们一起不断成长，一往无前。

Haixing Shengda CNC equipment supporting Co., Ltd. is a company specializing in the production of cable drag chain system, Cable protection hose and connector industrial automation company, which is committed to cable drag chain system. The development of the field should be widely based on the high quality, high technology, perfect appearance and high-quality service of products. For industrial automation, CNC machine tools, plastic machinery, chemical machinery, engineering machinery, tobacco equipment, Medical equipment, port equipment, manufacturing equipment and other fields.

With the continuous development of the company, we insist on providing a "complete drag chain system", which is A new concept integrating cable drag chain, cable protection hose and connector. Bring the best solution to customers.

So let's grow together and forge ahead.



SONDA M.T.

盛达拖链

链接一切美好

盛达拖链系统(广东)有限公司

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华南区域销售

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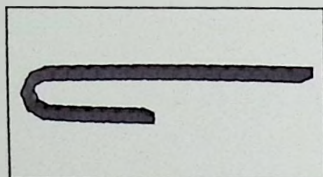
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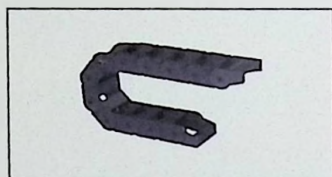
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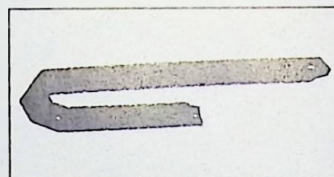
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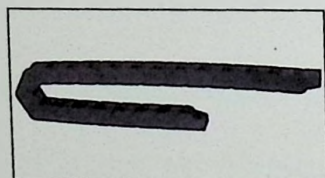
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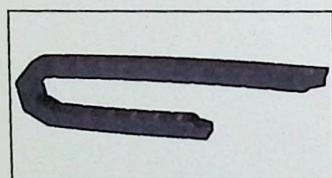
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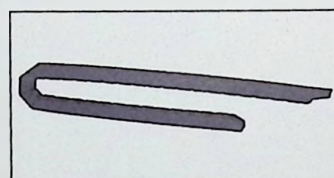
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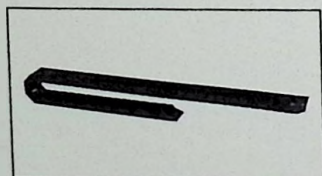
桥式两侧开



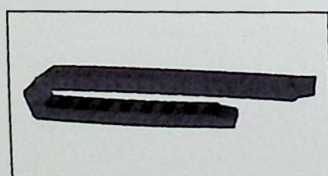
封闭两侧开



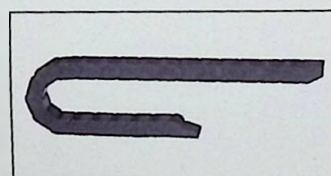
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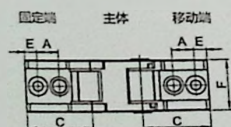
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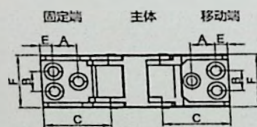
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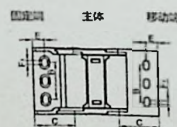
方便型外开



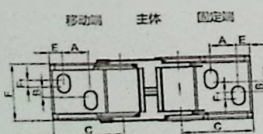
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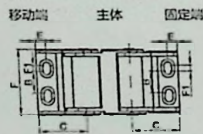
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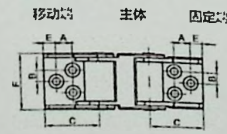
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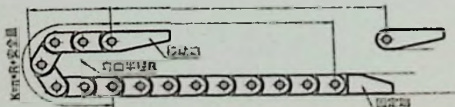
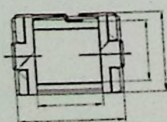
图五



图六



可配分隔片

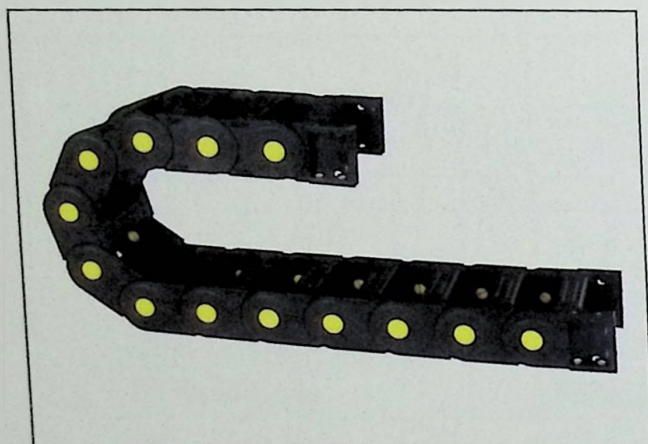


材质	颜色	允许温度	附件
PA6+GF30	黑色	-20°C~120°C	接头

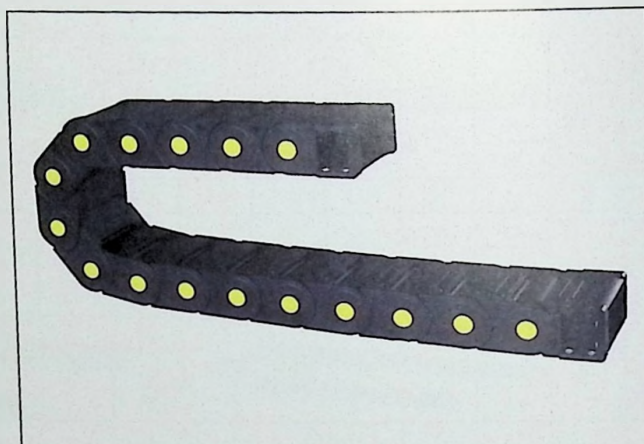
△ 每米节数=1000÷节距。
△ 拖链接头为配套销售（移动端+固定端）。
链长=5/2+K，S=行程距离，K=π×R+“安全量”

序列号	内高H ₁	内宽B ₁	弯曲半径	节距	款式	外高H ₂	外宽B ₂	孔径	固定接头类型及参数								接头类型			
									A	B	C	C ₁	C ₂	E	E ₁	E ₂		F		
5系列	5	5	R10	10.1	桥不可开	8	8.6	2.4	8.2		21.3			4.1			8.5	图一		
7系列	7	7	R15	17	桥不可开	10	12	3	8.2		29			5.1			12	图一		
10系列	10	6	R18	16	桥不可开	13.5	12.6	2.7	8	21.5				4			12.6	图一		
		10	R18 R28 R38				18	3.3						3.5			17.2			
							6.3													
	10	10	R18 R28 R38	20	桥不可开	15.2	17	5.2*3.5	8		31	29	6			17	图一			
		15	22				7*4	10	7				22							
		20	27						27											
	10	11	R18 R28 R38	16.7	桥外开	14.5	17	3.5	8		7	22			4			17	图二	
		15					22.2				10							25.4		22.3
		20					27.2				12							22		27.3
		30					37.2				22							22		37.3
	10	15	R28 R38	20.1	半封不开	15	22.5	6.3	10			28	30	7.6			22.4	图一		
	10	11	R18	16.7	方便型 外开	14.5	17	3.5	8	22.3				4			17	图二		
		15	22.2				10										25.4		22.3	
		20	27.2				12										22		27.3	
15系列	15	15	R28 R38 R48	22	桥外开	20	24	4	8	28					12	7	24	图一		
		20	29				-		11						6.5	6.5	29.5	图一、五		
		30	39				9.2		22						8.1	8.1	39.2		图二	
	15	15	R28 R38 R48	22	半封闭 内开	20	24	4	8	28					12	7	24	图一		
		20					29		-						11	6.5	6.5	29.5	图五	
		30					39		9						22	8.1	8.1	39.2		图二
		40														7	7	49.2		
	15	15	R28 R38 R48	26	半封闭 侧开	19.4	23	4	8	28					12	7	24	图一		
		20					28		-						11	6.5	6.5	29.5	图五	
		30					38		9						22	8.1	8.1	39.2		图二
		40					48	4.2	7	27.5					7	7	49.2			
		50					60									7	7	60		
	15	15	R28 R38 R48	22	半封闭 不可开	20	24	4	8		28				12	7	24	图一		
	15	15	R28 R38 R48	22.3	方便型 外开	20	24	4	8	28					12	7	24	图一		
		20					29		-						11	6.5	6.5	29.5	图五	
		30					39		9						22	8.1	8.1	39.2		图二
18系列	18	18	R28 R38 R48	35.2	半封闭 内开	24	28.5	5.5	11	14	33.2			7.5				图二		
		25					36		10	19	33			7.5						
		37					48	5.3	10.8	25	33.3			6.4						
		50					60.5		7.5	35.2	36.2			7.6						
	18	25	R28 R38 R48	31.1	桥不可开	23	36	5.2	10	7.2	33			7.5			36	图六		
		37					48.3	5	-	15.8				7			48	图五		
	18	25	R28 R38 R48 R60	35	桥外开	23.5	35.5	5.3	10	19	33			7.5			35	图六		
18	25	R28	30.8	方便型 外开	25	36	6.8	14	6	38			7			36	图四			
25系列	25	25	R40 R55 R75 R100 R125 R150 R175 R200	45.8	桥式/封闭	36	39.4	6.2		16	41.2			12			39.8	图五		
		38			桥式/封闭		52.4			23							52.8			
		50			桥式/封闭		64.4			33							64.8			
		57			桥式/封闭		71.4			40							71.8			
		77			桥式/封闭		91.4			60							91.8	图三		
		103			桥式		117.4			80							117.8			

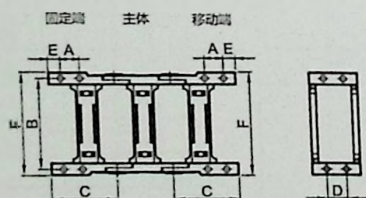
Reinforced Drag Chain Series



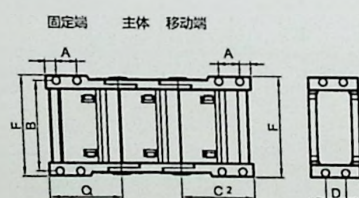
桥式两侧开



封闭两侧开



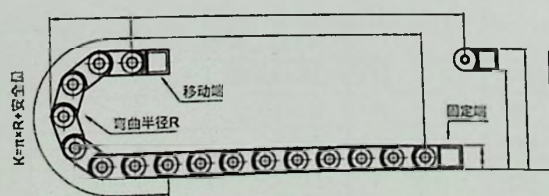
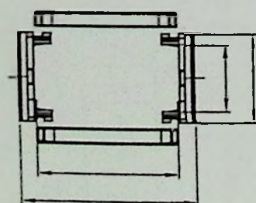
图一



图二



可配分照片



材质	颜色	允许温度	附件
PA6+GF30	黑色	-20°C~120°C	接头

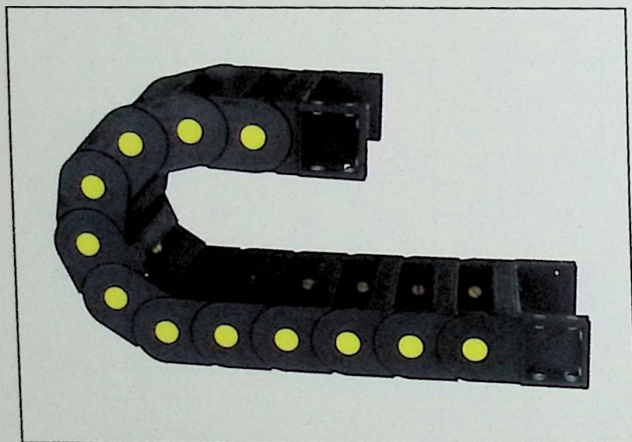
⚠ 每米节数=1000÷节距。

⚠ 拖链接头为整套销售（移动端+固定端）。

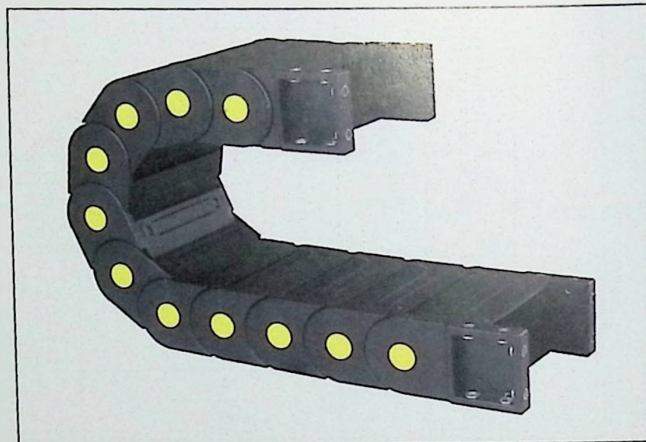
链长=S/2+K, S=行程距离, K=π×R+“安全量”

序列号	内高H ₁	内宽B ₁	弯曲半径	节距	款式	外高H ₂	外宽B ₂	孔径	固定接头类型及参数						接头类型
									A	B	C	D	E	F	
20系列	20	25	R40 R55 R75 R100 R125 R150 R175 R200	46	桥式	35	41	4	15	38.6	50	15	8.5	48	图一 图二
		38			桥式/封闭		54			51.6				61	
		50			桥式/封闭		66			63.6				73	
		57			桥式/封闭		73			70.6				80	
		60			桥式/封闭		76			73.6				83	
		75			桥式/封闭		91			88.6				98	
		77			桥式/封闭		93			90.6				100	
		100			桥式		116			113.6				123	
		103			桥式		119			116.6				126	
		125			桥式		141			138.6				148	
25系列	25	25	R40 R55 R75 R100 R125 R150 R175 R200	46	桥式	40	42	4.4	16	39	56.5	16	8.6	48	图一 图二
		38			桥式/封闭		55			52				61	
		50			桥式/封闭		67			64				73	
		57			桥式/封闭		74			71				80	
		60			桥式/封闭		77			74				83	
		75			桥式/封闭		92			89				98	
		77			桥式/封闭		94			91				100	
		100			桥式		117			114				123	
		103			桥式		120			117				126	
		125			桥式		142			139				148	
30系列	30	25	R55 R75 R100 R125 R150 R175 R200	46.3	桥式	45	45	5	18.5	40.6	61.4	18.6	11	51	图一 图二
		38			桥式/封闭		58			53.6				64	
		50			桥式/封闭		70			65.6				76	
		57			桥式/封闭		77			72.6				83	
		60			桥式/封闭		80			75.6				86	
		75			桥式/封闭		95			90.6				101	
		77			桥式/封闭		97			92.6				103	
		100			桥式		120			115.6				126	
		103			桥式		123			118.6				129	
		125			桥式		145			140.6				151	
35系列	35	38	R60 R75 R100 R125 R150 R175 R200	62.9	桥式	55	61	6	24	54	79	26	17.5	66	图一 图二
		50			桥式/封闭		73			66				78	
		60			桥式/封闭		83			76				88	
		75			桥式/封闭		98			91				103	
		90			桥式		113			106				118	
		100			桥式/封闭		123			116				128	
		125			桥式/封闭		148			141				153	
		130			桥式/封闭		153			146				158	
		150			桥式/封闭		173			166				178	
		175			桥式		198			191				203	
		200			桥式		223			216				228	
		250			桥式		273			266				278	
		300			桥式		323			316				318	
45系列	45	50	R75 R100 R125 R150 R175 R200 R250	71.4	桥式/封闭	65	76	6	24	67	84	26	16	84.4	图一 图二
		60			桥式/封闭		86			77				94.4	
		75			桥式/封闭		101			92				109.4	
		90			桥式		116			107				124.4	
		100			桥式/封闭		126			117				134.4	
		125			桥式/封闭		151			142				159.4	
		130			桥式		156			147				164.4	
		150			桥式/封闭		176			167				184.4	
		175			桥式/封闭		201			192				209.4	
		200			桥式/封闭		226			217				234.4	
		250			桥式		276			267				284.4	
		300			桥式		326			317				334.4	

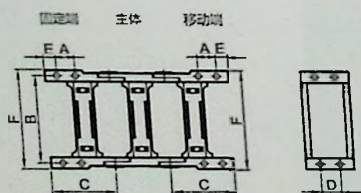
Reinforced Drag Chain Series



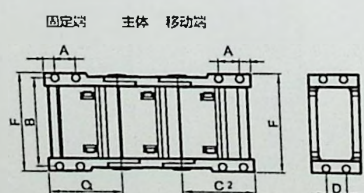
桥式两侧开



封闭两侧开



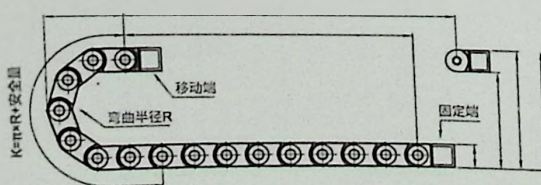
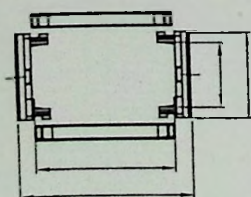
图一



图二



可配分隔片



材质	颜色	允许温度	附件
PA6+GF30	黑色	-20°C~120°C	接头

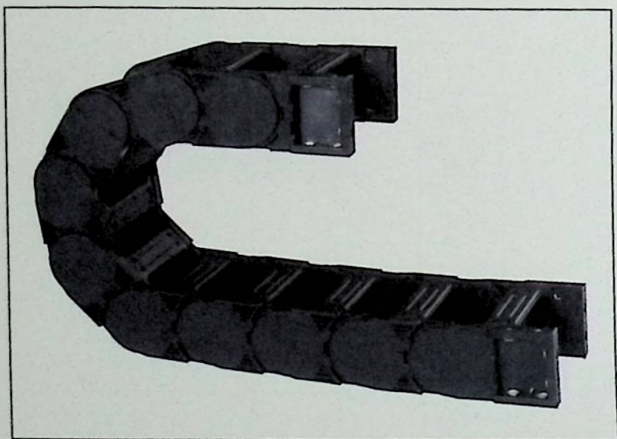
⚠ 每米节数=1000÷节距。

⚠ 拖链接头为整套销售（移动端+固定端）。

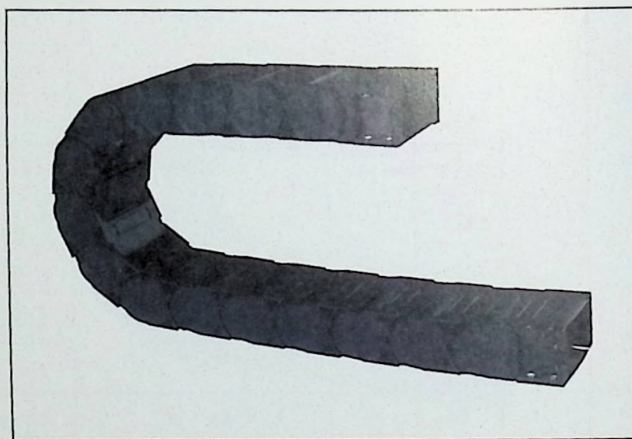
链长=S/2+K，S=行程距离，K=π×R+“安全量”

序列号	内高H ₁	内宽B ₁	弯曲半径	节距	款式	外高H ₂	外宽B ₂	孔径	固定接头类型及参数						接头类型
									A	B	C	D	E	F	
55系列	55	50	R75 R100 R125 R150 R175 R200 R250 R300	71.4	桥式/封闭	75	82	6	30	69	101.3	30	17	84	图一 图二
		60			桥式/封闭		91							94	
		75			桥式/封闭		107							109	
		90			桥式		122							124	
		100			桥式/封闭		132							134	
		125			桥式/封闭		157							159	
		130			桥式		162							164	
		150			桥式/封闭		182							184	
		175			桥式/封闭		204							209	
		200			桥式/封闭		232							234	
		250			桥式		282							284	
		300			桥式		332							334	
65系列	65	50	R125 R150 R175 R200 R250 R300	71.4	桥式/封闭	85	83.3	9	35	72.5	125.5	45	19	90.5	图一 图二
		60			桥式/封闭		93.3							100.5	
		75			桥式/封闭		108.3							115.5	
		90			桥式		123.3							130.5	
		100			桥式/封闭		133.3							140.5	
		125			桥式/封闭		158.3							165.5	
		130			桥式		163.3							170.5	
		150			桥式/封闭		183.3							190.5	
		175			桥式/封闭		208.3							215.5	
		200			桥式/封闭		233.3							240.5	
		250			桥式		283.3							290.5	
		300			桥式		333.3							340.5	
80系列	80	75	R200 R250 R300	101	桥式	106.5	119	9	35	97	126	65	20	119	图一 图二
		100			桥式/封闭		144							144	
		125			桥式		169							169	
		150			桥式/封闭		194							194	
		175			桥式/封闭		219							219	
		200			桥式/封闭		244							244	
		250			桥式/封闭		294							294	
		300			桥式		344							344	
		350			桥式		394							394	

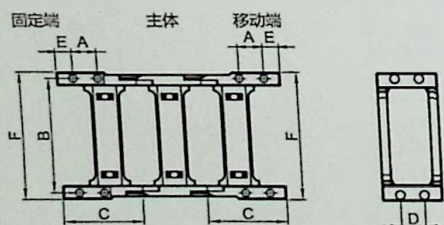
Heavy Duty Drag Chain Series



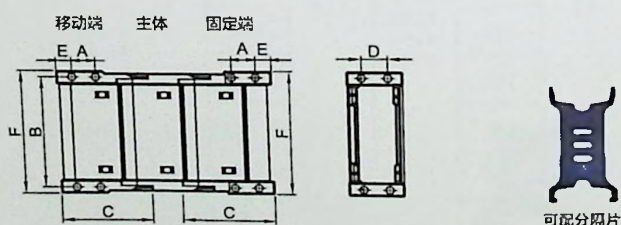
桥式两侧开



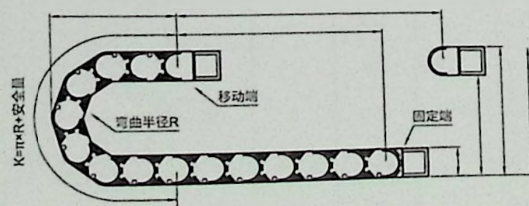
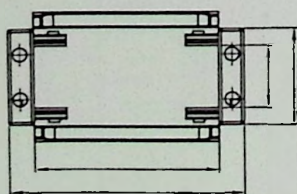
封闭两侧开



图一



图二

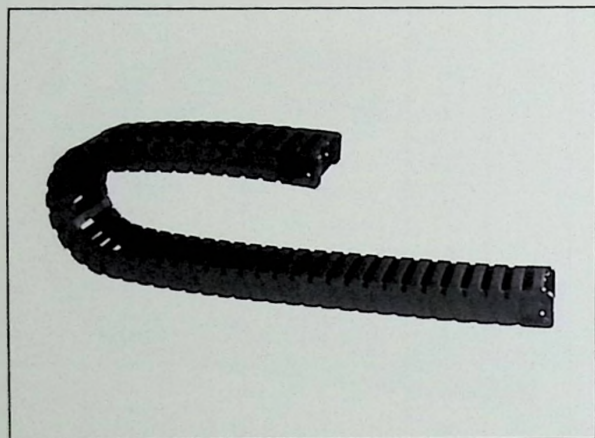


材质	颜色	允许温度	附件
PA6+GF30	黑色	-20°C~120°C	接头

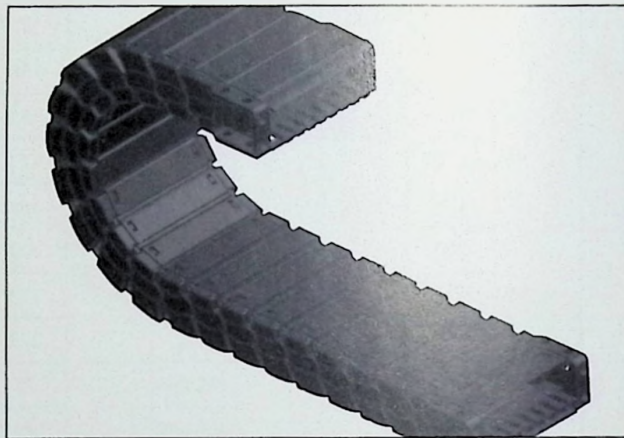
- ① 每米节数=1000÷节距。
 - ② 拖链接头为整套销售（移动端+固定端）。
- 链长=S/2+K, S=行程距离, K=π×R+“安全量”

序列号	内高H ₁	内宽B ₁	弯曲半径	节距	款式	外高H ₂	外宽B ₂	孔径	固定接头类型及参数						接头类型
									A	B	C	D	E	F	
35系列	35	38	R75 R100 R125 R150 R200	63	桥式	54	61	6	22.5	52	77.4	22	13	67	图一 图二
		50			桥式/封闭		73			64				79	
		60			桥式/封闭		83			74				89	
		75			桥式/封闭		98			89				104	
		90			桥式		113			104				119	
		100			桥式/封闭		123			114				129	
		125			桥式/封闭		148			139				154	
		130			桥式/封闭		153			144				159	
		150			桥式/封闭		173			164				179	
		175			桥式		198			189				204	
		200			桥式		223			214				229	
		250			桥式		273			264				279	
		300			桥式		323			314				329	
45系列	45	50	R75 R100 R125 R150 R200 R250	71.4	桥式/封闭	67	77	6	22.5	66	93	22	13.7	83	图一 图二
		60			桥式/封闭		87			76				93	
		75			桥式/封闭		102			91				108	
		90			桥式		117			106				123	
		100			桥式/封闭		127			116				133	
		125			桥式/封闭		152			141				158	
		130			桥式		157			146				163	
		150			桥式/封闭		177			166				183	
		175			桥式/封闭		202			191				208	
		200			桥式/封闭		227			216				233	
		250			桥式		277			266				283	
		300			桥式		327			316				333	
55系列	55	50	R75 R100 R125 R150 R200 R300	71.4	桥式/封闭	76	78	6	35	73	99	45	13.7	83	图一 图二
		60			桥式/封闭		88			83				93	
		75			桥式/封闭		103			98				108	
		90			桥式		118			113				123	
		100			桥式/封闭		128			123				133	
		125			桥式/封闭		153			148				158	
		130			桥式		158			153				163	
		150			桥式/封闭		178			173				183	
		175			桥式/封闭		203			198				208	
		200			桥式/封闭		228			223				233	
		250			桥式		278			273				283	
		300			桥式		328			323				333	

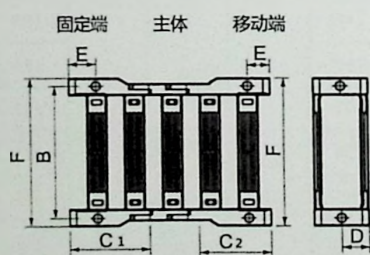
Silent Drag Chain Series



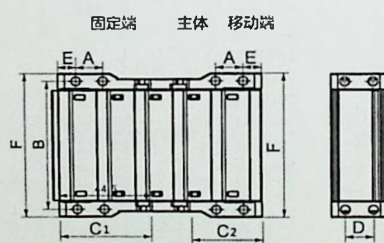
桥式两侧开



封闭两侧开



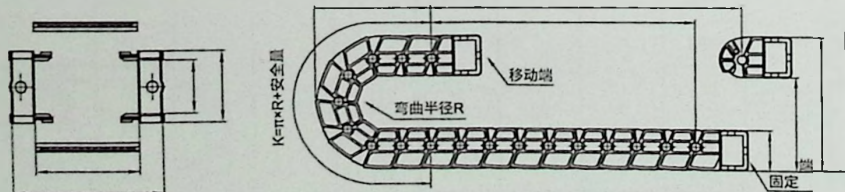
图一



图二



可配分隔片



材质	颜色	允许温度	附件
PA6+GF30	黑色	-20°C~120°C	接头

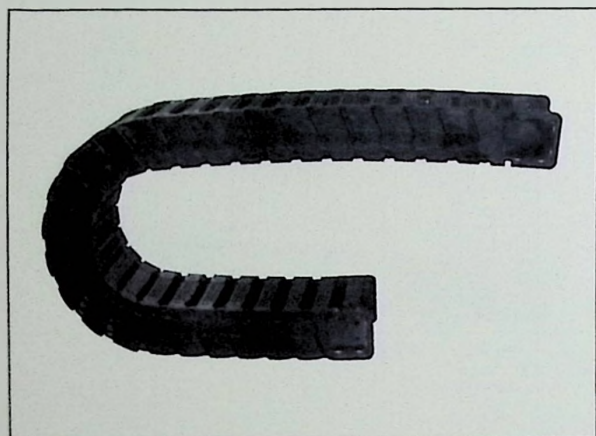
⚠ 每米节数=1000÷节距。

⚠ 拖链接头为整套销售（移动端+固定端）。

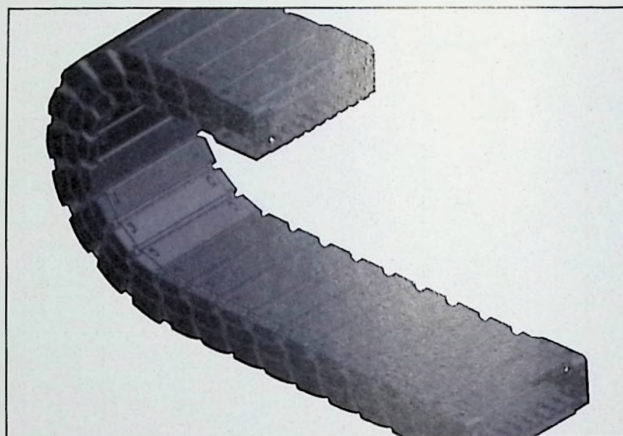
链长=S/2+K，S=行程距离，K=π×R+“安全量”

序列号	内高H ₁	内宽B ₁	弯曲半径	节距	款式	外高H ₂	外宽B ₂	孔径	固定接头类型及参数							接头类型
									A	B	C ₁	C ₂	D	E	F	
18系列	18	25	R28 R38 R48	17.6	桥式	24.5	36	4		35	30.5	29	12.4	10	43	图一
		37			桥式		48			47					55	
		50			桥式		61			60.5					67.3	
25系列	25	25	R55 R75 R100 R125 R150	21	桥式	34	40.8	5.8		35.5	24	28	17	8	46.8	图一
		30			桥式		45.8			40.5					51.8	
		35			桥式/封闭		53.8			48.5					59.8	
		40			桥式		55.8			50.5					61.8	
		50			桥式/封闭		65.8			60.5					71.8	
		57			桥式/封闭		72.8			67.5					78.8	
		60			桥式		75.8			70.5					81.8	
		70			桥式		85.8			80.5					91.8	
		77			桥式/封闭		92.8			87.5					98.8	
		80			桥式		95.8			90.5					101.8	
		90			桥式		105.8			100.5					111.8	
		100			桥式		115.8			110.5					121.8	
		110			桥式		125.8			120.5					131.8	
30系列	30	25	R55 R75 R100 R125 R150	21.8	桥式	41	40.4	6		35.2	28	31	19.5	9	45.3	图一
		30			桥式		45.4			40.2					50.3	
		38			桥式/封闭		53.4			48.2					58.3	
		40			桥式		55.4			50.2					60.3	
		50			桥式/封闭		65.4			60.5					70.3	
		57			桥式/封闭		72.4			67.2					77.3	
		60			桥式		75.4			70.2					80.3	
		70			桥式		85.4			80.2					90.3	
		77			桥式/封闭		92.4			87.2					97.3	
		80			桥式		95.4			90.2					100.3	
		90			桥式		105.4			100.2					110.3	
		100			桥式		115.4			110.2					120.3	
		103			桥式		118.4			113.2					123.3	
		110			桥式		125.4			120.2					130.3	
		120			桥式		135.4			130.2					150.3	
		140			桥式		155.4			150.2					160.3	
35系列	35	25	R60 R75 R100 R125 R150 R175 R200	33.6	桥式	47.8	46	8	15	37	73.7	71.9	17	16	55.6	图二
		30			桥式		51			42					60.6	
		38			桥式		59			50					68.6	
		40			桥式		61			52					70.6	
		50			桥式/封闭		71			62					80.6	
		57			桥式		78			69					87.6	
		60			桥式		81			72					90.6	
		70			桥式		91			82					100.6	
		75			桥式/封闭		96			87					105.6	
		80			桥式		101			92					110.6	
		90			桥式		111			102					120.6	
		100			桥式/封闭		121			112					130.6	
		110			桥式		131			122					140.6	
		120			桥式		141			132					150.6	
		140			桥式		161			152					170.6	

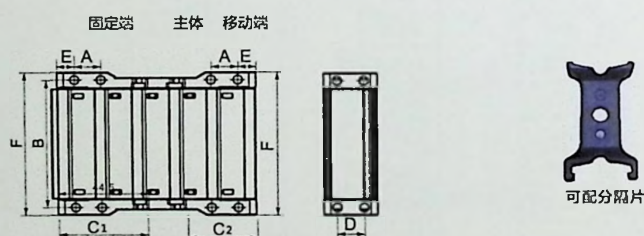
Silent Drag Chain Series



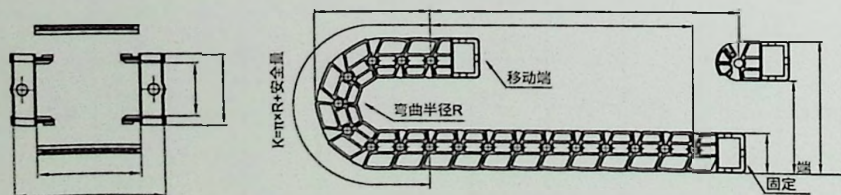
桥式两侧开



封闭两侧开



图一



材质	颜色	允许温度	附件
PA6+GF30	黑色	-20°C~120°C	接头

⚠ 每米节数=1000÷节距。

⚠ 拖链接头为整套销售（移动端+固定端）。

链长=S/2+K, S=行程距离, K=π×R+“安全量”

序列号	内高H ₁	内宽B ₁	弯曲半径	节距	款式	外高H ₂	外宽B ₂	孔径	固定接头类型及参数							接头类型
									A	B	C ₁	C ₂	D	E	F	
40系列	40	40	R75 R100 R125 R150 R175 R200	33.6	桥式	52.8	62.3	9	22.5	54	71.9	73.7	22	16	68.3	图一
		50			桥式/封闭		72.3			64					78.3	
		52			桥式		74.3			66					80.3	
		62			桥式		84.3			76					90.3	
		70			桥式		92.3			84					98.3	
		75			桥式/封闭		97.3			89					103.3	
		87			桥式		109.3			101					115.3	
		100			桥式/封闭		122.3			114					128.3	
		125			桥式		147.3			139					153.3	
		150			桥式		172.3			164					178.3	
45系列	45	40	R75 R100 R125 R150 R175 R200	33	桥式	58.1	65	9	24	57	73.7	71.9	24	16	71	图一
		50			桥式/封闭		75			67					81	
		52			桥式		77			69					83	
		62			桥式		87			79					93	
		70			桥式		95			87					101	
		75			桥式/封闭		100			92					106	
		87			桥式		112			104					118	
		100			桥式/封闭		125			117					131	
		125			桥式		150			142					156	
		150			桥式		175			167					181	
55系列	55	40	R75 R100 R125 R150 R175 R200	33.6	桥式	70.1	64	6	22.5	56	69.8	75.9	22	16	70	图一
		50			桥式/封闭		74			66					80	
		52			桥式		76			68					82	
		62			桥式		86			78					92	
		70			桥式		94			86					100	
		75			桥式/封闭		99			91					105	
		87			桥式		111			103					117	
		100			桥式/封闭		124			116					130	
		125			桥式		149			141					155	
		150			桥式		174			166					185	

TL II型钢制拖链

TL系列拖链的主体是由链板（优质钢板镀铬）支撑板（挤拉铝合金轴销（合金钢）等部件组成,使电缆或橡胶管与拖链之间不产生相对运动,不产生扭曲变形,链板经镀铬处理外形效果新颖,结构合理,灵巧强度高,钢性好不变形,安装方便,使用可靠,易拆装,尤其是本产品采用了高强度耐磨材料,合金铜为轴销,提高了产品的耐磨强度,弯曲更灵活,阻力更小,降低了噪音,从而可保证长时间使用不变形,不下垂。

由于本产品外观精美,可在较大程度上增强机床设备的整体艺术美观效果,增强我国机床、机械设备在国际市场的竞争能力。

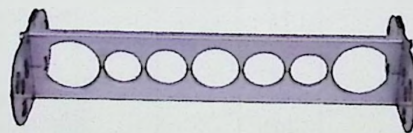
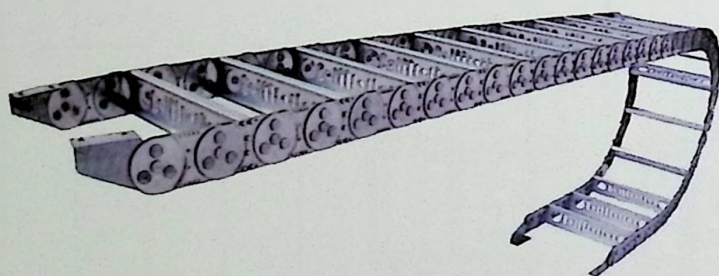
- 1.拖链可适应最大移动速度40米/分。
- 2.拖链在最大移动速度时,噪声声压级不大于68分贝。
- 3.拖链安全使用寿命不小于100万次(往复)。

TL series steel cable chains

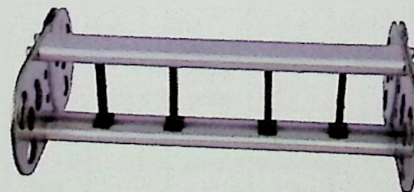
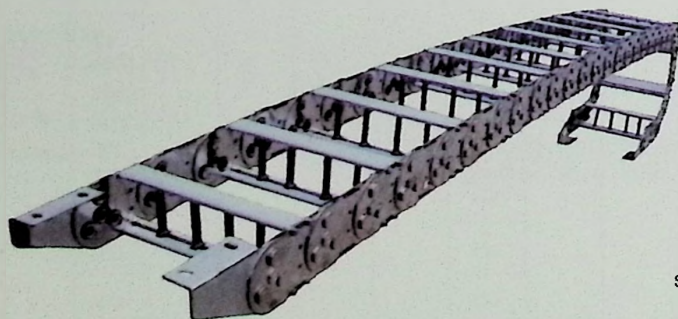
The main body of TL series drag chain is composed of chain plate (high-quality steel plate chrome-plated) support plate (extruded aluminum alloy shaft pin (alloy steel) and other components, so that there is no relative movement between the cable or rubber tube and the drag chain, and no distortion Deformation, the chain plate is chrome-plated with novel appearance effect, reasonable structure, high dexterity and strength, good rigidity and no deformation, convenient installation, reliable use, easy disassembly and assembly, especially this product uses high-strength wear-resistant materials, alloy copper as axle pin, Improve the abrasion resistance of the product, bend more flexible, have less resistance, reduce noise, so as to ensure that it will not be deformed or sag after long-term use.

Due to the exquisite appearance of this product, it can greatly enhance the overall artistic beauty of machine tools and enhance the competitiveness of my country's machine tools and mechanical equipment in the international market.

1. The drag chain can adapt to the maximum moving speed of 40m/min.
2. When the drag chain is moving at the maximum speed, the noise sound pressure level is not more than 68 decibels.
3. The safe service life of the drag chain is not less than 1 million times (reciprocation).



支撑板I型整体式、II型上下分开式
Supporting board I Integral Type, II separate Type



支撑板III型框架式
Supporting board III, Frame type

TL型拖链主要参数 Main parameters of TL drag chain

型号Type	TL30	TL45	TL65	TL80	TL95	TL115	TL125	TL155	TL180	TL225	TL250
节距Pitch	30	45	65	80	95	115	125	155	180	225	250
弯曲半径 Bending radius 可根据用户要求订做	20	50/75/90 /114/145	75/90/115 /125/145/ 185	100/115 /125/145/ 185/200/ 250/300	114/145/ 200/250/ 300	145/200/ 225/250/ 300/350	200/250/ 300/340/ 470/500/ 575/700/ 750	200/250/ 300/350/ 450/500/ 600	250/300/ 350/450/ 490/600/ 600	400/450/ 600/750/ 800/850/ 1000	400/450/ 600/750/ 800/850/ 1000
拖链最小内宽 Minimum width of drag chain		35	50	55	60	70	80	90	100	160	190
拖链外宽 Outer width of drag chain	BI+8	BI+12	BI+16	BI+16	BI+20	BI+24	BI+24	BI+26	BI+26	BI+28	BI+28
拖链外高 Drag chain outer height	25	32	49	56	75	86	100	120	144	200	220
拖链内高 Height of drag chain	10	16	31	32	53	58	68	86	112	152	172
支撑板最大孔径 D1 Max. hole diameter of support plate			33	35	55	63	75	97	110	146	166
允许不用支撑轮长度 Non-support range	2	2.5	3	4	4.5	6	7.5	9	10.5	11.5	13
拖链接头长度*2 Drag chain joint length * 2	47.5	65	95	80	130	155	155	160	210	295	295
形式Type	III	III	I,II,III	II,III	I,II,III	II,III	II,III	II,III	II,III	II,III	II,III

1. 拖链按照国际标准生产制造。

2. 当需要非标准的弯曲半径或结构与标准有异的拖链时,可与本公司另行协议制造。

3. 当拖链超过允许的最大宽度Bmax时,可采用由三条链带平行组成的复合拖链来完成, 见下面图示。

1. The drag chain is manufactured in accordance with international standards.

2 When a non-standard bending radius or a drag chain with a structure different from the standard is required, it can be manufactured separately through agreement with our company.

3. When the drag chain exceeds the maximum allowable width Bmax, it can be completed by using a composite drag chain composed of three chain belts in parallel, as shown in the figure below.

拖链的选用

1. 支撑板内腔孔径D1=d+20.1d (取整数)。其中d=电线、电缆、液、气软管的外径。

2. 根据支撑板内腔最大孔径Dmax来确定链板高度hg和拖链型号TLXX。

3. 根据拖链功能要求来确定支撑板型式的拖链的弯曲半径:

(1)当拖链需承载较大管、缆负荷时, 应选用高强度支撑板I型(整块式)。

(2)当管缆的管接头尺寸大于支撑板内腔孔径或须经常拆装、维修等时, 可选用支撑 II 型。属分开式类型支撑板。

(3)安装管缆的规格品种较多时, 可选用支撑板 III 型(框架式)。

4. 根据安装管缆的数量来决定支撑板宽度B1, 从而可得拖链宽度B。

5. 拖链使用场合或受环境影响时,需要采用钢带防护支撑板时,请与本公司另行提出。

Selection of drag chain

1. The bore diameter of the inner cavity of the support plate D1=d+two 0.1 d (integer). Where d = outer diameter of wire, cable, liquid and gas hose.

2. Determine the height hg of the chain plate and the model TLXX of the drag chain according to the maximum aperture Dmax of the inner cavity of the support plate.

3. Determine the bending radius of the support plate type of the drag chain according to the functional requirements of the drag chain:

(1) When the drag chain needs to carry a large pipe or cable load, the high-strength support plate I (monolithic) should be selected.

(2) When the size of the pipe joint of the pipe cable is larger than the bore diameter of the support plate or frequent disassembly, assembly, maintenance, etc., support type II can be selected. It is a separate type support plate.

(3) When there are many types of installation tubing and cable specifications, the support plate type III (frame type) can be selected.

4. Determine the width B1 of the support plate according to the number of cables installed, so that the width B of the drag chain can be obtained.

5. When the towline is used or affected by the environment, if a steel belt protective support plate is required, please contact our company separately.

带三条链板的拖链

因为支撑板最大长度为600mm~650mm, 在较宽拖链上可以装置一个或多个拖链链板。另外的原因是,可提高斜窄的拖链的稳定性,此外也可通过第三条链板将套管与电缆隔开。

注:GLE型取参数D, 12, e, TL型取f, j, k.

Drag chain with three chain plates

Because the maximum length of the support plate is 600mm~650mm, one or more towline chain plates can be installed on the wider drag chain. The other reason is that it can improve the stability of the drag chain with narrow material.

The third chain plate separates the casing and the cable.

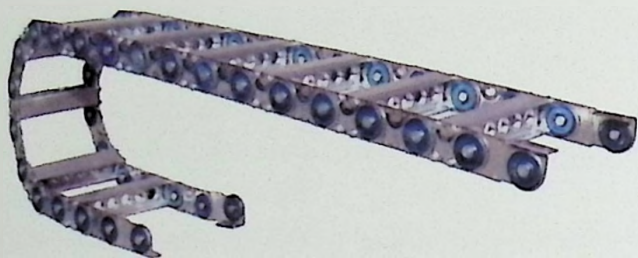
Note: GLE type takes parameters D, 12, e, TL type takes f, j, k.

液压管的弹性状况

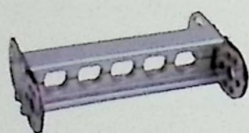
要注意, 液压管在压力下会伸长或缩短,因此,应考虑到软管的弹性系数,特别是在高压及拖链长度较长的情况下, 应引起注意。

Elasticity of hydraulic pipe

It should be noted that hydraulic pipes will stretch or shorten under pressure. Therefore, the elastic coefficient of the hose should be taken into consideration, especially in the case of high pressure and long drag chain length.



TLGA型上下分开式开孔
TLGA Separate type



TLGB型可放隔离片
TLGB Frame type

TLG型钢制拖链可承载数量多,重量大的电缆及油管,自由悬置允许不用支承轮)长度大,支撑板可依顾客需要制作,适用于工作母机,移动机械等。其弯曲半径为75-600mm,链板高度为50-150mm,可任意选用。

TLG型钢制拖链其使用行程最大为32米。适用于所有传动方式。可随意加长和缩短。此外,可通过改变销轴获得改变弯曲半径。

拖链的支撑板宽度为50mm至600mm,孔与孔之间的间隔量为5mm链板的高度,也就是支撑板的高度,是由电缆最大直径决定的,机床最大限度运转时,如拖链的宽度超过300mm,拖链的长度超过4m时出于稳定性原因,应考虑选择加大一号规格的拖链。

弯曲半径要根据电缆的最大直径选择并应达到电缆直径的10倍。弯曲半径可根据所给表格选择50-600mm,行程小的可相应选择较小的半径。

拖链的长=1/2行程+4个弯曲半径,这只适用于当固定联结是在行程的中点时。

拖链的固定可根据机床的位置情况选择。固定角钢可放在外周或内周在拖链内或外部,一般情况联结部分在拖链内,而向外周。

The TLG steel drag chain can carry a large number of cables and tubing with a large weight, and it is free to be suspended without supporting wheels. The length is large. The supporting plate can be made according to customer needs. It is suitable for working machines, mobile machinery, etc. The bending radius is 75-600mm, and the height of the chain plate is 50-150mm, which can be selected at will.

The maximum use stroke of the TLG steel drag chain is 32 meters. Suitable for all transmission modes. Can be lengthened and shortened at will. In addition, the bending radius can be changed by changing the pin shaft.

The width of the support plate of the drag chain is 50mm to 600mm, and the distance between the holes is 5mm

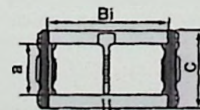
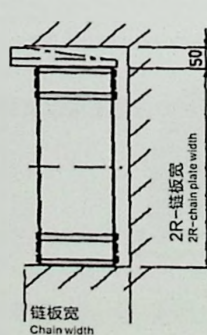
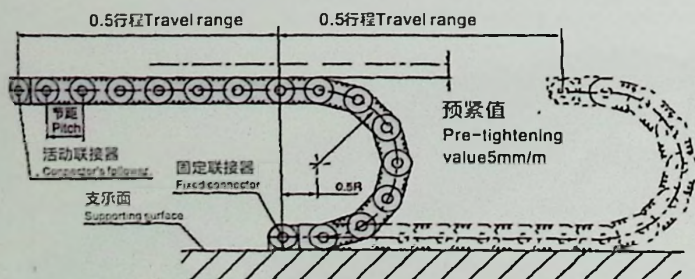
The height of the chain plate, that is, the height of the support plate, is determined by the maximum diameter of the cable.

When the machine tool runs at maximum, if the width of the drag chain exceeds 300mm, and the length of the drag chain exceeds 4m, the choice should be considered for stability reasons. Increase the drag chain of No. 1 specification.

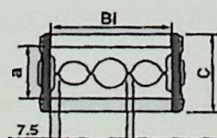
The bending radius should be selected according to the maximum diameter of the cable and should be 10 times the cable diameter. The bending radius can be selected from 50-600mm according to the given table, and the smaller radius can be selected correspondingly if the stroke is small.

The length of the drag chain = 1/2 stroke + 4 bending radii, this only applies when the fixed connection is at the midpoint of the stroke.

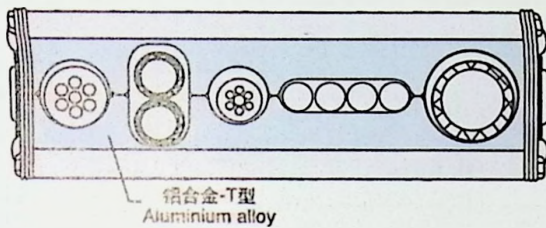
The fixing of the drag chain can be selected according to the location of the machine tool. The fixed angle steel can be placed on the outer or inner circumference inside or outside the towline. Generally, the connecting part is inside the towline and the outer periphery.



GLE-A-塑料中间隔条
GLE-A-plastic intermediate spacer



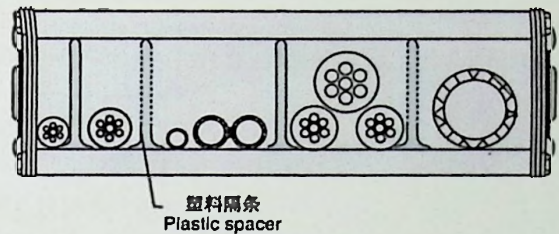
GLE-B-铝合金支撑板
GLE-B-aluminium alloy supporting board



TLE铝合金型是解决较大钢链的唯一的解决办法。支撑板可根据使用者的要求生产。牢固的结构,使支撑板宽度可达到1200mm。

TLE型带塑料隔条,可随意移动调节位置,进行多种分隔。

如果电缆规格多,可选用此经济的装置。



The TLE aluminum alloy type is the only solution for larger steel chains. The support plate can be produced according to the requirements of users. The firm structure enables the width of the support plate to reach 1200mm.

The TLE type is equipped with plastic partitions, which can be moved and adjusted at will for various partitions.

If there are many cable specifications, this economical device can be used.

TLE型的护板采用铝合金全封闭型——“银星护板”

型号TLE的拖链是新开发的“银星护板”,采用铝合金制造,供用户选用。订货号为10B/20B/30B,而不是10A/20A/30A。

TLE type guard plate adopts aluminum alloy fully enclosed type—"Silver star guard plate"

The drag chain of model TLE is a newly developed "Silver Star Guard", made of aluminum alloy, for users to choose use. The order number is 10B/20B/30B, not 10A/20A/30A.

银星护板的特点:

外形美观。

护板结构装置已经接受了15年以上的考验。极稳定,坚固的电缆保护,可达1000mm宽。在任意一个部位都能打开拖链。

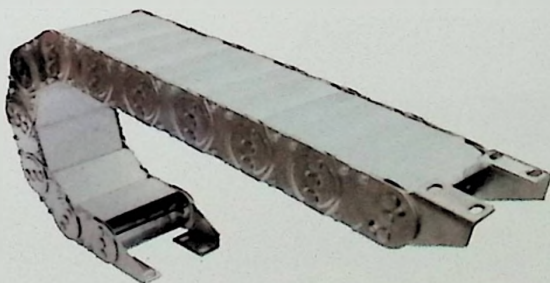
根据用户需要可随时加装“银星护板”。

Features of Silver Star Guard Board:

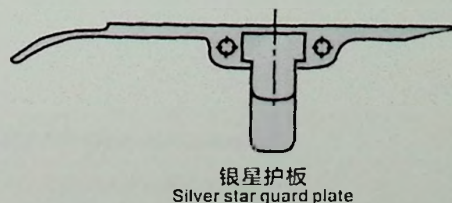
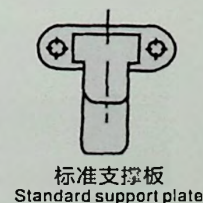
nice appearance.

The protective plate structure device has been tested for more than 15 years. Extremely stable, strong cable protection, can Up to 1000mm wide. The energy chain can be opened at any position.

The "Silver Star Guard" can be installed at any time according to user needs.



订货举例:TLE100全封闭-R300 × Bi350 × L6800
Specifications for ordering: TLE100-R300× Bi350 × L6800



架空长度

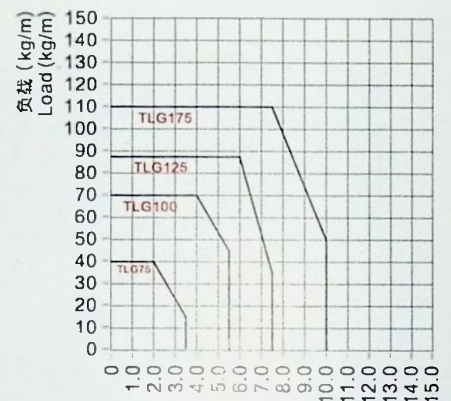
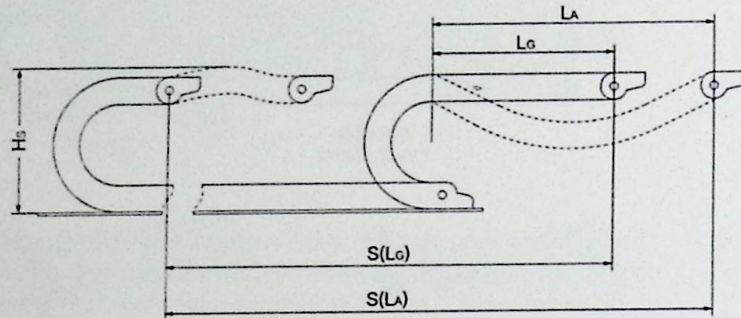
Unsupported length

LG=直线架空长度

LG=Unsupported with straight upper run

LA=安全塌腰架空长度

LA=Unsupported with permitted sag L6800



架空长度LG/LA[m] Unsupported length Lc/LA[m]

行程长度S[m] Length of travel S[m]

行程长度S[m] Length of travel S[m]

S=行程长度

R=弯曲半径

P=节距

L=拖链长度

N=每米链节数

H_i=理论安装高度

H_s=实际安装高度

D=拖链退回极限位置时的最小距离

$K = \pi \cdot r + 2p$

*k值可在海兴盛达相关表格中直接查询

S=Length of travel

R=Bending radius

P=Pitch

H_i=Nominal clearance height

H_s=Required clearance height

D=Overlength energy chain

radius in final position

$K = \pi \cdot R + 2P$

* You can find it from belowchart for more details

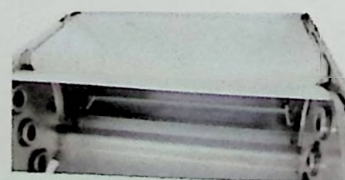
支撑板形式

Support plate type

III型框架式
III framework



带隔条
With spacing sticker



不带隔条
Without spacing sticker

技术参数

Technical Parameters

速度/加速度L_c

Speed/Acceleration LG

速度/加速度L_A

Speed/Acceleration LA

滑行速度/加速度

Taxi speed/acceleration

视情况而定

Depends on the situation

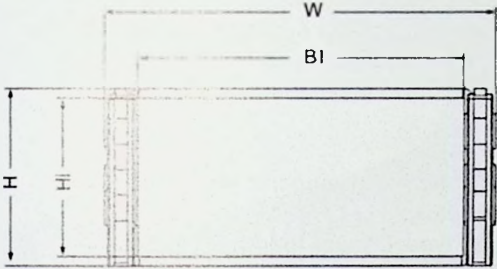
附表一 (TLG系列拖链技术参数表)
Table 1 (Technical parameter)

链板的高度，即支撑板的高度是由电缆最大直径决定的，机床最大限度运转时，若拖链宽度超过300mm，拖链的长度超过4m时,处于稳定原因考虑，应考虑选择加一型号的拖链。
弯曲半径要根据电缆的最大直径进行选择，并且应达到其直径的10倍，行程小的可选择较小的半径。

The height of the chain plate, that is, the height of the support plate, is determined by the maximum diameter of the cable. When the machine tool runs at its maximum, if the width of the towline exceeds 300mm and the length of the towline exceeds 4m, it is considered for stability reasons, and you should consider choosing an additional model Drag chain.
The bending radius should be selected according to the maximum diameter of the cable, and should reach 10 times its diameter, and a smaller radius can be selected for a small stroke.

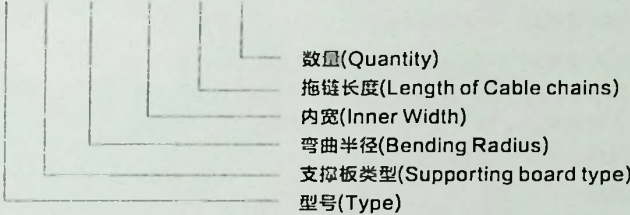
TLG拖链-产品规格范围

TLG Cable Chain-Product specifications



产品代码结构
Part Number Structure

TLG75III*R*BI*L*n



订购示例-整条拖链

Order details-integrated chain

请注明拖链长度或者链节数如:1米或12节

TLG75III*R200*200*1000*2

(2条长度1米的TLG75型钢制拖链,半径为200mm,内宽为200mm,, 选用III型支撑板)

Please specify the length of the drag chain or the number of chain links such as: 1 meter or 12 links

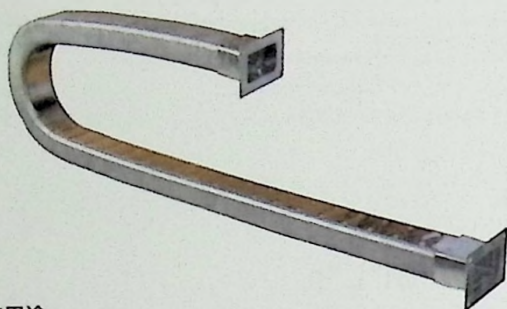
TLG75III*R200*200*1000*2

(2 TLG75 steel drag chains with a length of 1 meter, a radius of 200mm, The inner width is 200mm, and type III support plate is used)

TLG型钢铝拖链参数 (桥式和封闭)

型号Type	TLG75	TLG100	TLG125	TLG175
参项Reference				
节距 Pitch t	75	100	125	175
弯曲半径 R Bending radius 可根据用户要求订做	R100,R150,R200 R250,R300	R150,R200,R250 R300,R400	R200,R250,R300 R400,R500	R250,R300,R400 R500,R600
拖链最小内宽 Minimum width of drag chain	55	70	80	100
拖链外宽 Outer width of drag chain	BI+19	BI+26	BI+34	BI+38
拖链外高 Drag chain outer height	50	75	100	150
拖链内高 Height of drag chain	31	49	68	118
允许不用支撑轮长度 Non-support range	3.5	5.5	7.5	10
拖链接头长度*2 Drag chain joint length * 2	98	100+136.5	125+175	255
形式Type	III	III	III	III

接头孔位完全按照科瑞斯孔位



Construction and applications

The rectangle metallic hoses suitable for all types of metal cutting machine tools and slicing machines. Protect working personnel, electric circuits, water supplying piping systems and gas loops from damaging or injured.

The product is according to the standard JB/GQ58285.

Model selection

1. Give a clear indication of the specifications and model numbers as given below;

AXB XL - assembly type; L - hose length, including the assembly of the connectors, please see the hose assembly figure for specifics. I - IX

2. Special connector types; a - C;

Example: 25x50x1200-I, 25x50x1200-AB-II

软管接头尺寸图

Connector dimension figure

结构与用途

矩形金属软管采用全金属结构。该产品符合JB/GQ58285企业联合标准, 适用于各类金属切削机床及切割机床。防止高热铁屑对您供电、水、汽线路的损伤, 保护劳动安全。

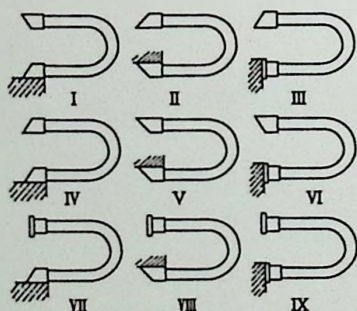
选形

1. 注明规格与型号如下所示:

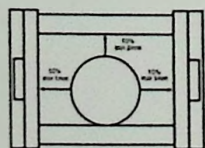
AXBXL-装配形式; L-软管长度, 包括连接器装配, 形式见软管装配形式图: I-IX

2. 特殊接头形式: a-c;

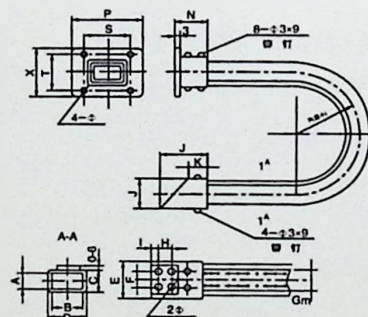
例: 25x50x1200-I, 25x50x1200-AB-II



软管装配形式图
Hose assembly figure



电缆与气管在矩形软管内的位置
Positions of cables and gas pipes within the rectangle hose



注: 1. 水平放置时下方应设置具有足够长度的拖板。

2. 水平放置时允许选用超出表中规定的长度, 但建议在适当的位置上设计滚动支承点, 以防软管下弯。

Noote:

1. When laid horizontally, a drag plate with enough length underneath should be provided.

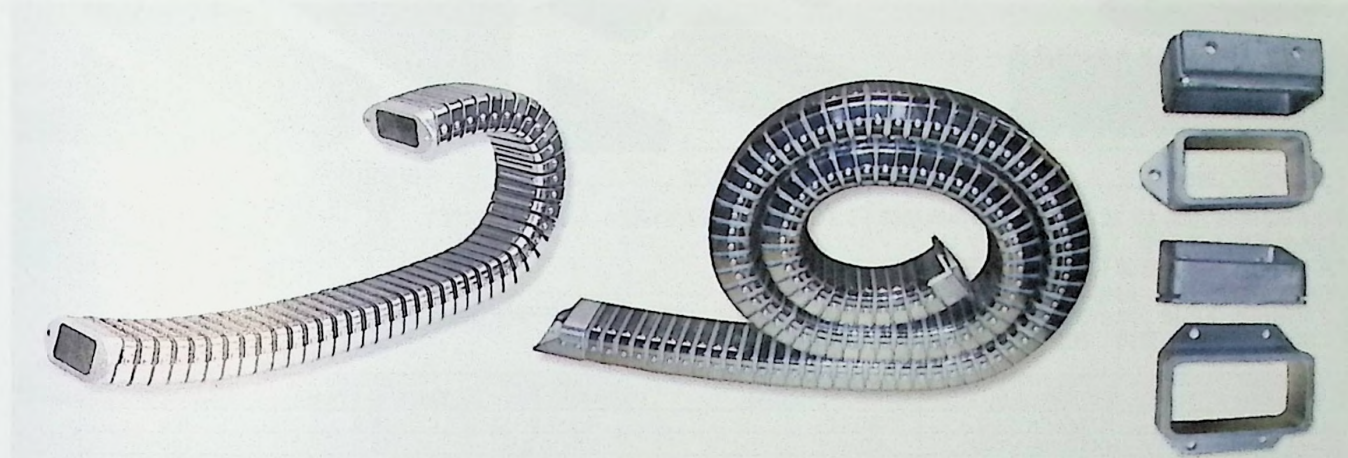
2. When laid horizontally, a length that exceeds the length as given in the table is also allowed but a rolling backing point is recommended to add at an appropriate position so as to avoid hose bending.

接头尺寸及规格参数表/Connector's dimensions and specifications

内径(AxB) Inside Diameter	外径(CxD) Outside Diameter	E	F	G	H	I	L	J	K	N	P	S	X	T	Φ	R	轴向拉力(kg) Axial pulling force	重量(kg/米) Weight(kg/m)	允许承重 (kg)	允许长度 (m)
22X32	27.5X36.7	38	18	25	22	10	23	60	20	40	78	60	55	38	5.5	110	35	1.3	3	2
25x 50	31.5x 54.5	58	30	35	25	10	33	70	25	50	90	75	60	45	5.5	130	40	1.75	6.5	3
35x 60	40.1 X 64.4	69	40	45	25	10	44	70	30	50	100	80	70	52	5.5	140	50	2.1	10.5	3
38X 73	43.7x77.8	82	50	55	35	10	47	90	35	55	110	85	82	62	6.5	150	60	2.36	11.5	4
40X 80	45.4X 84.7	89	50	65	50	15	49	120	40	60	120	100	90	68	9	160	70	2.5	12.5	5
52X 102	57.5x107.8	113	65	80	50	15	63	130	45	60	140	120	100	80	9	180	75	2.85	16.5	6
60X 120	67.5x127.7	132	90	90	80	20	71	150	45	70	170	146	110	84	9	220	80	3.15	20	7
60X 130	65.1 X 134.4	141	95	100	90	20	71	160	50	75	180	150	120	90	9	220	80	3.25	22	8
72x 162	78.4X168.2	184	120	120	100	20	82	180	60	80	210	180	130	100	9	250	80	4.5	24	8

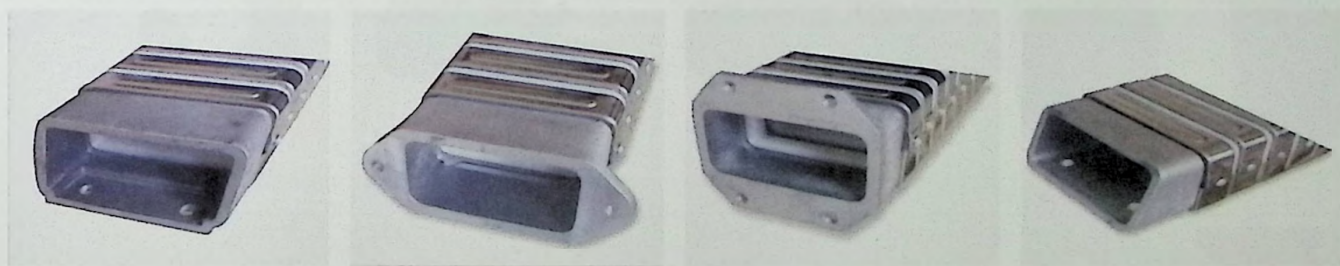
结构与用途

导管防护套采用加序不锈钢片，内增强PA尼龙框结构，精铸铝合金接头。造型美观、安装方便。适用于各类机床、电器、液压、汽动管线的防护，美化主机整体设计造型，确保劳动安全。



规格参数

内腔尺寸	外部尺寸	弯曲半径
25*45	39*61	60
38*73	53*91	100
45*90	64*113	120
52*102	70*122	140
60*120	81*154	165
60*150	81*184	165
72*162	93*186	185



A型接头参数

型号	孔距	孔径
25*45	22	6.5
38*73	50	6.5
45*90	60	6.5
52*102	65	8.5
60*120	80	8.5
60*150	80	8.5
72*162	102	8.5

B型接头参数

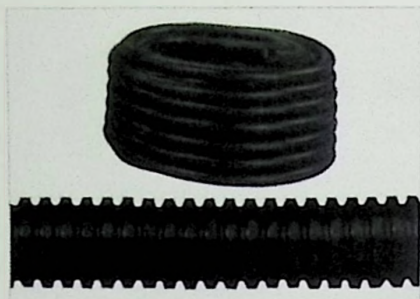
型号	孔距	孔径
25*45	75	6.5
38*73	105	6.5
45*90	128	6.5
52*102	140	8.5
60*120	170	8.5
60*150	210	8.5
72*162	205	8.5

C型接头参数

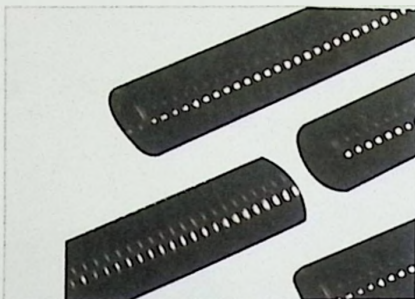
型号	孔距	孔径
25*45	20*55	6.5
38*73	45*70	6.5
45*90	53*87	8.5
52*102	60*90	8.5
60*120	68*105	8.5
60*150	85*100	8.5
72*162	95*110	8.5

D型接头参数

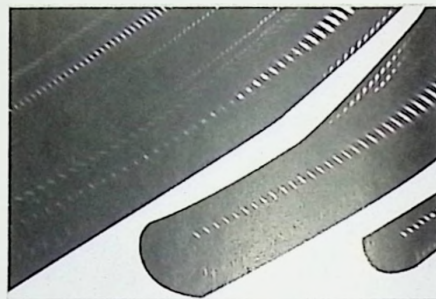
型号	孔距	孔径
25*45	24	6.5
38*73	50	6.5
45*90	65	6.5
52*102	70	8.5
60*120	82	8.5
60*150	100	8.5
72*162	102	8.5



PE聚乙烯软管



阻燃聚丙烯软管



环保尼龙软管、阻燃尼龙软管

产品：1.TC-PE (PE聚乙烯) 2.TC-PP (阻燃聚丙烯软管) 3.TC-PA (环保尼龙软管) (阻燃尼龙软管)

结构：内部各外表均为波浪型

颜色：黑色，其他颜色可以定做 (根据需要可开口)

特性：柔韧性好，表面光泽，耐化学腐蚀

应用领域：可用于机床机械，电小设务，食品机械，自动化仪，电机马达，保护电缆电线不受外力磨损及绝缘

使用方法：将电线电缆插入管内，在配上软管接头对应的型号使用

Order No.Black 订货号*黑色	Order No.Grey 订货号*灰色	Flexible Conduit 软管规格	Inner*Outer Diameter 内径×外径 (mm)	Curved Radius 弯曲半径 (mm)	Packging Unit 包装单位 (M)
HXSD-PA-7.0B	HXSD-PA-7.0G	AD7.0	4.5×7.0	16.0	200
HXSD-PA-10.0B	HXSD-PA-10.0G	AD10.0	6.5×10.0	16.0	100
HXSD-PA-11.6B	HXSD-PA-11.6G	AD11.6	8.0×11.6	16.0	100
HXSD-PA-13.0B	HXSD-PA-13.0G	AD13.0	10.0×13.0	20.0	100
HXSD-PA-15.8B	HXSD-PA-15.8G	AD15.8	12.0×15.8	30.0	100
HXSD-PA-18.5B	HXSD-PA-18.5G	AD18.5	14.3×18.5	40.0	100
HXSD-PA-21.2B	HXSD-PA-21.2G	AD21.2	17.0×21.2	45.0	100
HXSD-PA-25.0B	HXSD-PA-25.0G	AD25.0	20.0×25.0	45.0	50
HXSD-PA-28.5B	HXSD-PA-28.5G	AD28.5	23.0×28.5	50.0	50
HXSD-PA-32.0B	HXSD-PA-32.0G	AD32.0	26.0×32.0	55.0	50
HXSD-PA-34.5B	HXSD-PA-34.5G	AD34.5	29.0×34.5	60.0	50
HXSD-PA-42.5B	HXSD-PA-42.5G	AD42.5	36.0×42.5	70.0	50
HXSD-PA-54.5B	HXSD-PA-54.5G	AD54.5	48.0×54.5	90.0	25
HXSD-PA-67.0B	HXSD-PA-67.0G	AD67.0	56.0×67.0	130.0	20
HXSD-PA-80.0B	HXSD-PA-80.0G	AD80.0	67.0×80.0	170.0	20
HXSD-PA-106.0B	HXSD-PA-106.0G	AD106.0	91.0×106.0	225.0	20

波纹管接头



快插式



防水式



防水式弯头

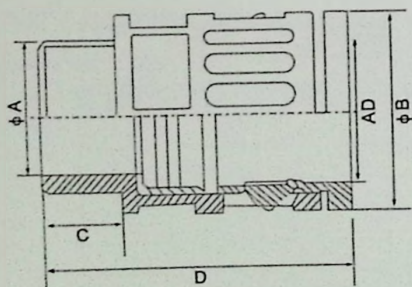


三通

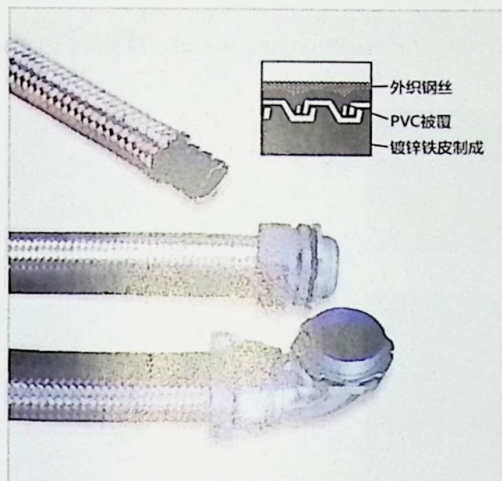


软管固定座

结构图



AD适配 软管外径	螺纹规格公制	螺纹规格	ΦA	ΦB	C	D
AD10.0	M10×1.5	PG7	7.0	17.0	10.0	32.5
AD13.0	M12×1.5	PG9	7.0	18.5	10.0	32.5
AD15.8	M16×1.5	PG11	10.0	21.0	10.0	35.0
AD18.5	M20×1.5	PG13.5	13.5	25.5	11.0	40.0
AD21.2	M20×1.5	PG16	17.0	29.5	12.0	43.5
AD25.0	M25×1.5		23.0	34.0	14.0	43.5
AD28.5	M25×1.5	PG21	23.5	37.0	12.0	46.0
AD34.5	M32×1.5	PG29	30.5	44.0	12.0	48.0
AD42.5	M40×1.5	PG36	36.5	52.0	12.0	50.5
AD54.5	M50×1.5	PG48	48.5	64.0	15.0	54.0



结构：外层加粗301不锈钢丝编织中层PVC被覆内层镀锌金属软管
特点：防爆耐磨、不生锈、抗拉伸

公称内径	英制尺寸	内径(mm)	外径(mm)
Φ15	1/2"	15	21
Φ20	3/4"	20	27
Φ25	1"	25	34
Φ32	1-1/4"	32	40
Φ38	1-1/2"	38	47
Φ51	2"	50	60

金属接头系列



直头



45度弯头



卡箍式直接头



卡箍式弯头

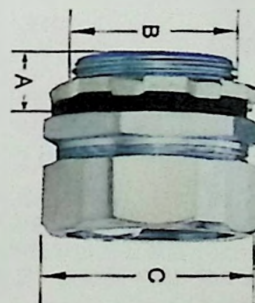
螺纹规格：英制G、公制Mefyic.德制PG

产品材质：采用优质加厚锌合金制成、密封圈采用丁腈橡胶制成

颜色：金属色（白色）

温度：40℃~+100℃、短时可达+120℃

- 产品特性：
- 1.加厚型锌合金镀锌或镀铬、外型美观、结构紧密、强度高
 - 2.软管护套设计与软管相扣接紧之设计、装配省时便利，抗拉力强
 - 3.可防水、防尘、抗盐、耐酸碱、酒精、油、脂及一般溶剂
 - 4.除以下标准规格外，可按任意变动大小及螺纹标准



配套金属软管		螺牙标准		螺纹外径	螺纹长度	螺帽外径	包装
公制	英制	公制(M)	英制(G)	B	A	C	
Φ6	3/16"	M14×1.5	G1/4"	13.2	8	17.5	100
Φ8	5/16"	M16×1.5	G3/8"	13.2	8	22.5	100
Φ10	1/4"	M16×1.5	G3/8"	16.5	8	22.5	100
Φ12 (13)	3/8"	M20×1.5	G3/8"	16.5	8	26	100
Φ15 (16)	1/2"	M20×1.5	G1/2"	21.3	11	30	100
Φ20 (19)	3/4"	M27×2.0	G3/4"	26.6	14	35.5	50
Φ25	1"	M33×2.0	G1"	33.4	15	42.5	50
Φ32	1-1/4"	M42×2.0	G1-1/4"	42.1	15	53.0	25
Φ38 (40)	1-1/2"	M48×2.0	G1-1/2"	47.8	16	59.0	25
Φ51 (50)	2"	M60×2.0	G2"	59.6	18	73.5	10
Φ64 (70)	2-1/2"	M76×2.0	G2-1/2"	75.1	22	90.0	10
Φ75 (80)	3"	M88×2.0	G3"	87.8	22	103.0	5
Φ100	4"	M114×2.0	G4"	113	24	133.5	5

塑料冷却管长度计算方法 Calculation method of plastic cooling pipe length



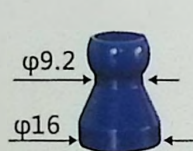
底座尺寸 + 管体尺寸 + 喷嘴尺寸 = 全长
(A) (Bx颗粒数) (c)

Base size + pipe size + nozzle size = full length
(A) (Bx particle number) (c)

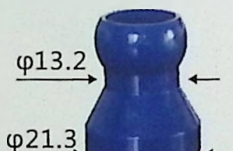
► **1/4"** 11mm + 15mmx颗粒数 + 26.6mm = 全长
11mm + 15mmx number of particles + 26.6mm = full length

► **3/8"** 13mm + 19mmx颗粒数 + 33/32.4mm = 全长
13mm + 19mmx number of particles + 33/32.4mm = full length
(圆头/扁头) (Round head/flat head)

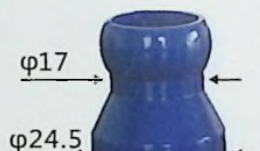
► **1/2"** 17.3mm + 20.5mmx颗粒数 + 37.5/46mm = 全长
17.3mm + 20.5mmx number of particles + 37.5/46mm = full length
(圆头/扁头) (Round head/flat head)



1/4



3/8



1/2

常用尺寸 Common size

塑料冷却管常用型号3/4、1/2、3/8、1/4。它们标准长一般1/2和3/8都是410mm，1/4一般是280mm，3/4一般是400mm。塑料冷却管该产品通过手工装配,可任意调节使用长度,使用方向,喷嘴直径大小圆角互换,也可按客户的要求配上三通、开关和磁座。另外由于客户需要冷却管长度可能不同,同时冷却管是有独立的接头连接而成,因此用户可以根据自身需要自选长度!

Commonly used models of plastic cooling pipes are 3/4, 1/2, 3/8, 1/4. Their standard length is generally 410mm for 1/2 and 3/8, 1/4 – generally 280mm, and 3/4 – generally 400mm. The plastic cooling pipe can be assembled manually, and the length, direction of use, nozzle diameter and rounded corners can be adjusted arbitrarily. It can also be equipped with tee, switch and magnetic base according to customer requirements. In addition, because customers need different lengths of cooling pipes, and the cooling pipes are connected by independent joints, users can choose the length according to their needs!

适用 Be applicable

塑料冷却管适用于机床、液压机械、数控机床作油、水冷却系统配用,该产品通过手工装配,可任意调节使用长度、喷嘴直径大小圆扁互换、方向随意可转,具有外形色彩美观、耐腐蚀、耐高温等特点。出水嘴型有圆嘴、扁嘴。这两类冷却管均使用于机床液压机械,数控机床作油、水冷却系统配用。

Plastic cooling pipes are suitable for machine tools, hydraulic machinery, and CNC machine tools as oil and water cooling systems. The product can be assembled by hand, and the length of use can be adjusted arbitrarily, the diameter of the nozzle is round and flat, the direction can be turned at will, and the appearance and color are beautiful. Corrosion resistance, high temperature resistance and other characteristics. The spout has round and flat spouts. These two types of cooling pipes are used in machine tool hydraulic machinery, and CNC machine tools are used as oil and water cooling systems.



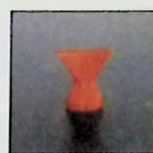
2分冷却管 2 points cooling officer



产品规格
specification
1/4"
圆形喷嘴
Round nozzle



产品规格
specification
1/4"
底座
Base



产品规格
specification
1/4"
扁形喷嘴
Flat nozzle



产品规格
specification
1/4"
1分底座
1 point base



产品规格
specification
1/4"
开关
switch



产品规格
specification
1/4"
双向接头
Two-way connector



产品规格
specification
1/4"
主体
main body

3分冷却管 3 points cooling officer



产品规格
specification
3/8"
圆形喷嘴
Round nozzle



产品规格
specification
3/8"
大圆形喷嘴
Large round nozzle



产品规格
specification
3/8"
开关
switch



产品规格
specification
3/8"
扁形喷嘴
Flat nozzle



产品规格
specification
3/8"
底座
Base



产品规格
specification
3/8"
Y形接头
Y joint



产品规格
specification
3/8"
主体
main body



产品规格
specification
3/8"
双向接头
Two-way connector



产品规格
specification
3/8"
灰色底座
Gray base



产品规格
specification
3/8"
灰色主体
Gray subject



产品规格
specification
3/8"
圆形喷嘴
Round nozzle

4分冷却管 4 points cooling officer



产品规格
specification
1/2"
圆形喷嘴
Round nozzle



产品规格
specification
1/2"
扁形喷嘴
Flat nozzle



产品规格
specification
1/2"
底座
Base



产品规格
specification
1/2"
Y形接头
Y joint



产品规格
specification
1/2"
开关
switch

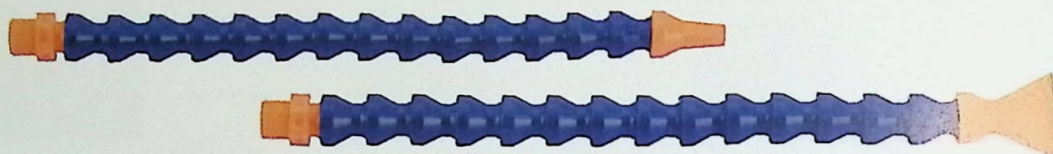


产品规格
specification
1/2"
主体
main body



产品规格
specification
1/2"
双向接头
Two-way connector

冷却管标准长 Standard length of cooling pipe



30cm冷却管		30cm cooling pipe	
1/4"底座	1颗	1/4" base	1 piece
1/4"主体	18颗	1/4" body	18 pieces
1/4"圆嘴	1颗	1/4" round mouth	1 piece

1/4"

30cm冷却管		30cm cooling pipe	
1/4"底座	1颗	1/4" base	1 piece
1/4"主体	18颗	1/4" body	18 pieces
1/4"扁嘴	1颗	1/4" Flat mouth	1 piece

30cm冷却管		30cm cooling pipe	
3/8"底座	1颗	3/8" base	1 piece
3/8"主体	14颗	3/8" body	14 pieces
3/8"圆嘴	1颗	3/8" round mouth	1 piece

3/8"

30cm冷却管		30cm cooling pipe	
3/8"底座	1颗	3/8" base	1 piece
3/8"主体	14颗	3/8" body	14 pieces
3/8"扁嘴	1颗	3/8" Flat mouth	1 piece

30cm冷却管		30cm cooling pipe	
1/2"底座	1颗	1/2" base	1 piece
1/2"主体	13颗	1/2" body	13 pieces
1/2"圆嘴	1颗	1/2" round mouth	1 piece

1/2"

30cm冷却管		30cm cooling pipe	
1/2"底座	1颗	1/2" base	1 piece
1/2"主体	13颗	1/2" body	13 pieces
1/2"扁嘴	1颗	1/2" Flat mouth	1 piece

选型必看 Selection must see 压力、温度、介质

1.操作压力、流量

PS:压力范围8KG

尺寸 Size	建议操作压力 Recommended operating pressure	流量 Flow
1/4" 系列 Serise	2.0~3.0 kg/cm ²	900公升L/小时H
3/8" 系列 Serise	2.0~3.0 kg/cm ²	1500公升L/小时H
1/2" 系列 Serise	1.4~2.0 kg/cm ²	1700公升L/小时H
3/4" 系列 Serise	0.7~1.4 kg/cm ²	1900公升L/小时H

2.介质

品名 Description	适用 Applicable
乙醇 Ethanol	○
丙酮 Acetone	○
清洁剂 Detergent	○
汽油 gasoline	○
润滑油 Lube	○
酒精 Alcohol	○
矿物油 Mineral oil	○
氢氧化钠 Sodium hydroxide	○
农药 Pesticide	○
刹车油 Brake oil	○

品名 Description	不适用 Inapplicable
酸 Acid	X
强碱 Strong base	X
氨类过氧化物 Ammonia kind of peroxide	X
次氯酸 Hypochloric acid	X
次氯酸钠 Sodium hypochlorite	X

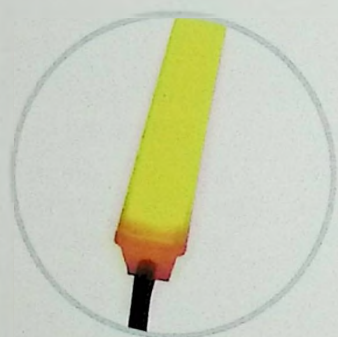
3.温度说明

最高使用温度	熔点
65度	165度

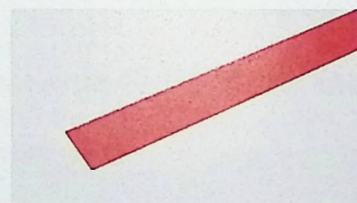
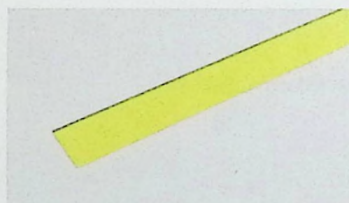
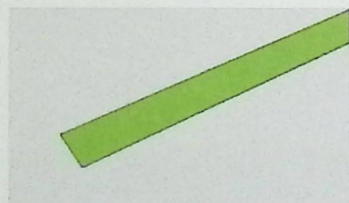
LED H-C6/H-C6L/H-C6T



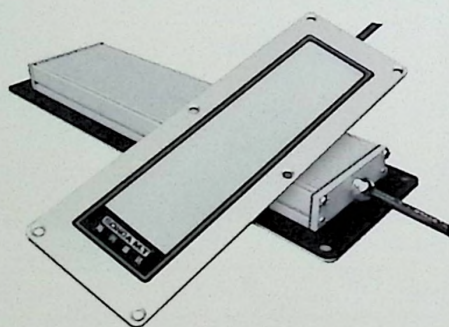
LED H-BL1



安装效果：灯带与钣金的纯平状

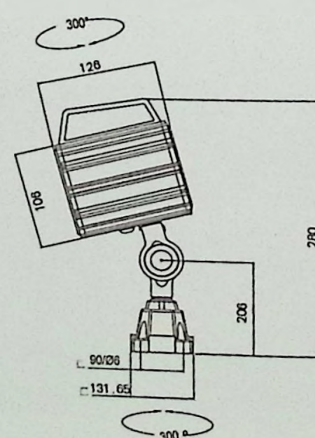
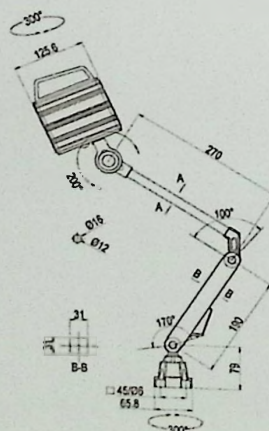


LED H-F9Q

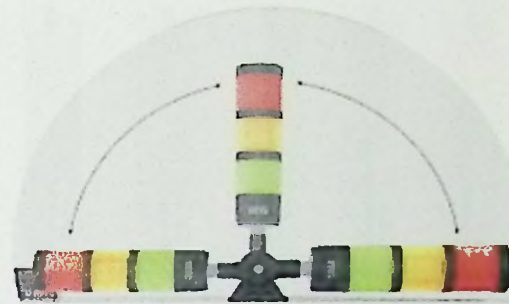
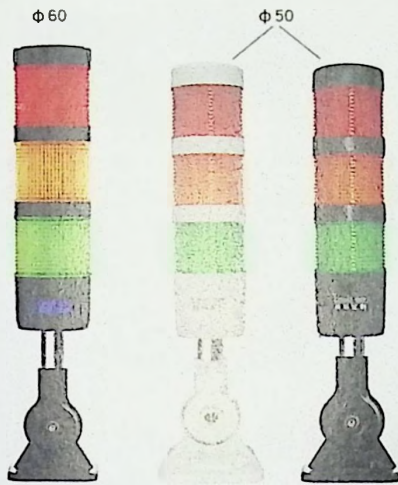


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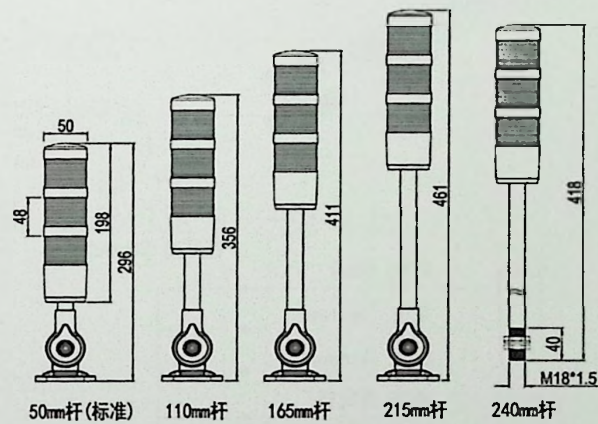
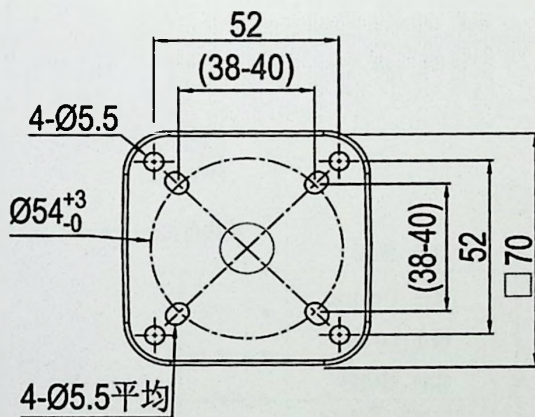
LED H-F5/H-F6



LED H-Q1



180°限位可折底座



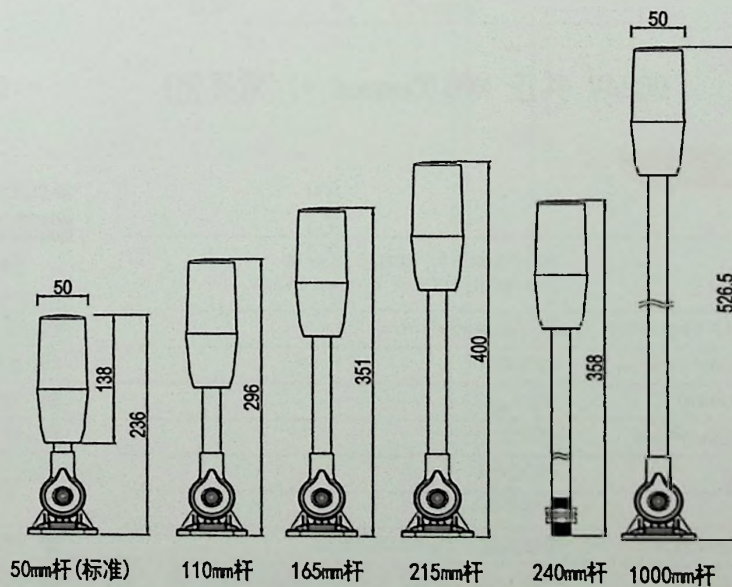
LED H-Q3/H-Q3X



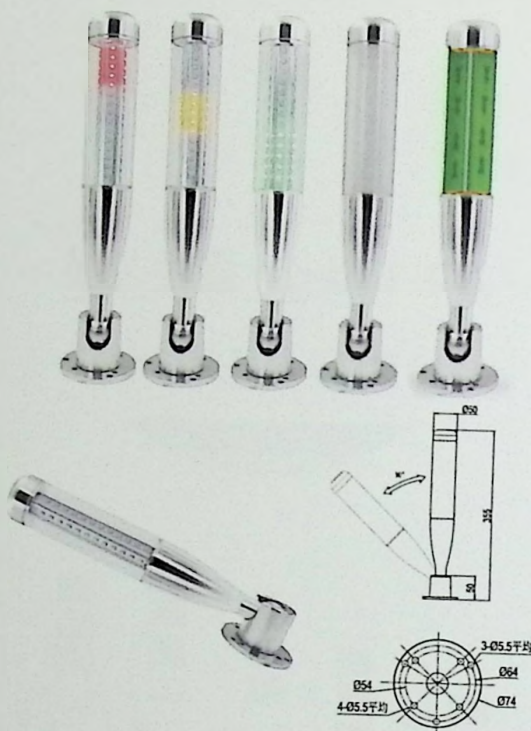
Q3雾面发光源



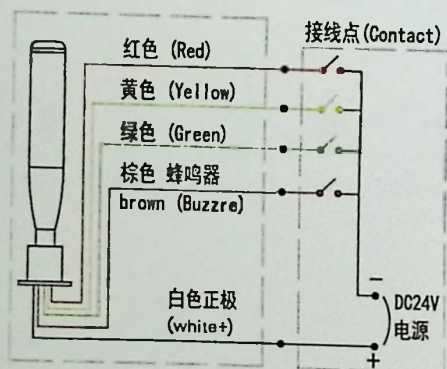
Q3X网格发光源



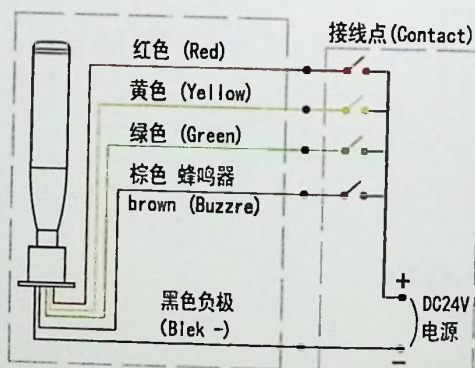
LED H-Q4



内置蜂鸣器 音量可达 95分贝以上



DC24V 共正 NPN (Common +) (常亮型)

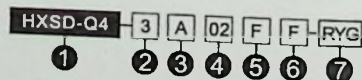


DC24V 共负 PNP (Common -) (常亮型)

产品参数

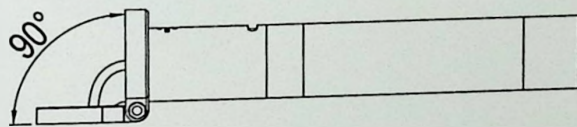
电流 Current	单色: 100mA, 蜂鸣器: 15mA one color: 100mA, Buzzer: 15mA
闪光频率 Flash frequency	60-70 week/mins
蜂鸣音量 Buzzer Volume	>95dB
防护等级 IP rating	IP54
表面温度 Temperature	<60°C
灯具寿命 Life	70,000H
颜色 Color	银色 Silver
安装方式 Installation	螺丝固定 Fixed by screw
材料 Material	灯罩: PC 灯体: 铝合金 Body: AL

编码原则:



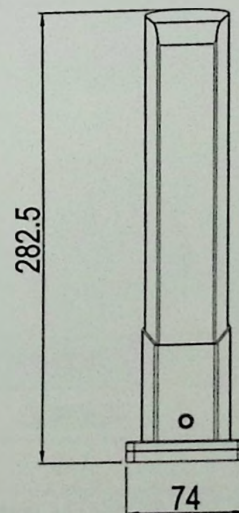
① 型号 Model No	Q4
② 颜色层数 Layer	3. 三层三色 3.color
③ 外形 Shape	A.可折式 A.Foldable type
④ 电压 Voltage	02.DC24
⑤ 功能 Function	B.常亮 F.常亮带蜂鸣 B.Steady F.Steady with buzzer
⑥ 接线方式 Connect type	Z. 公共线正极 (共正) F. 公共线负极 (共负)
⑦ 颜色 Color	R. 红色 Y. 黄色 G. 绿色 R. Red Y. Yellow G. Green

LED H-Q6



内置蜂鸣器 音量可达 95分贝以上

LED H-Q10



内置蜂鸣器 音量可达 95分贝以上

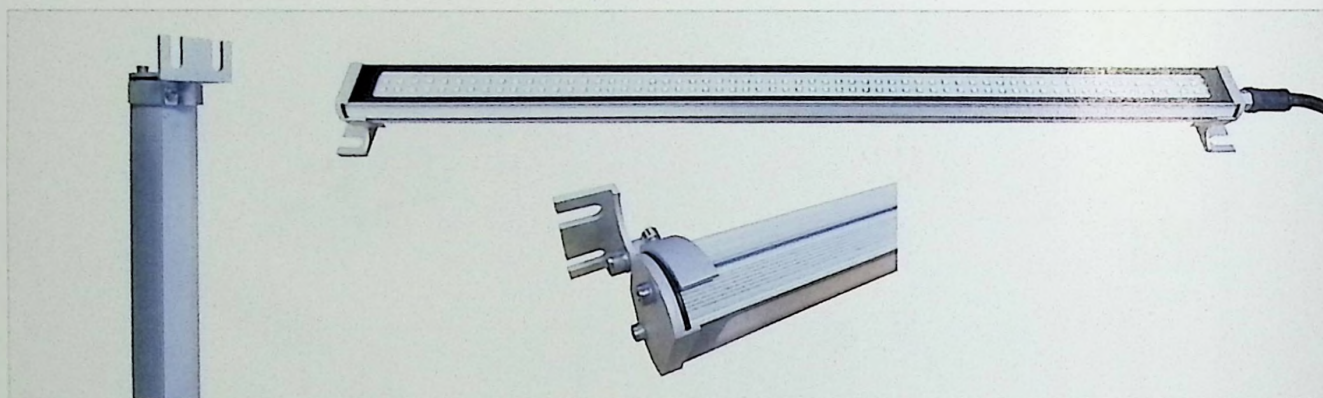
产品特点:

- ◆ 产品采用原装进口3014灯珠, 该光源体积小, 热阻低, 导热性能好, 低光衰光源寿命长达50000小时以上。
- ◆ 采用高导热铝基板, 进口电容合理化设计, 有效提高驱动寿命。
- ◆ 压铸结构简洁大方, 全钢化玻璃面罩, 支架360度调节, 防水, 防油, 安装便捷,

适用场所:

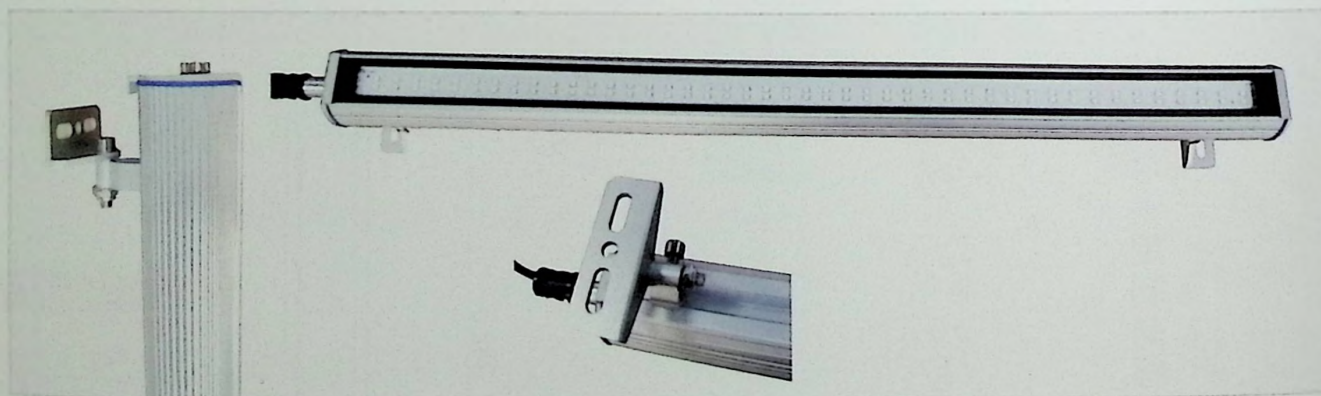
- ◆ 广泛应用于数控机床, 加工中心, 雕铣机, 数控车床, 产品检测, 恒温厂房, 大型仓库, 以及各种冷库内部照明

LED工作灯-H3型

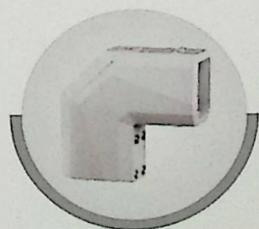


型号	电压(V)	功率(W)	安装尺寸(MM)	防护等级	灯长(MM)
H3	24/220	12	420*25*25	IP67	400
H3	24/220	18	635*25*25	IP67	600

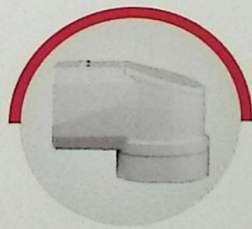
LED工作灯-H9型



型号	电压(V)	功率(W)	安装尺寸(MM)	防护等级	灯长(MM)
H9	24/220	12	430(以内)*30*30	IP68	400
H9	24/220	18	625(以内)*30*30	IP68	600
H9	24/220	24	845*30*30	IP68	800
H9	24/220	40	1200*30*30	IP68	1200



转角



90° 箱体连接器



中间连接器



垂直墙座



顶座

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