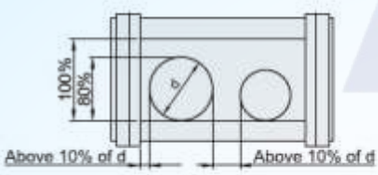
Cable Carriers Flap Open-Close

Select suitable Cable Carrier specifications based on the routing of cables, hoses, etc.



<Selection Example>
One Φ20mm cable needs to be stored.
20/0.8=25 or more interior height is required for the condition that the cable O.D. must be within 80% of interior height.

<Specifications Selection Points>

①Height
O.D. of the cable/hose must be 80% or less than the interior height of the cable carrier.

②Occupied Space
Cable/hose must be within 60% of Cable Carrier Interior Content = Interior Height × Interior Width.

③Bending Radius
When housing different types of cables/hoses together, please select the cable carrier bending radius to meet the maximum bending radius.

④Distance Between the Running Cable/Hose and Interior Wall
The distance between the running cable/hose and Cable Carrier interior wall must be at least 10% of the running cable/hose O.D.

⑤Cable/Hose Mutual Distances
The distance between adjacent cables/hoses must be at least 10% of the biggest cable O.D.

Part Number		B	③ C	W	④ P	⑤ R	Number of Links	Installation Optional Accessories		Cable Insertion Side	Installation Siz (Corresponding Bending Radius)			Required Space Height	E	Number of Connector Teeth
① Type	② A							⑥ Type of Separator	⑦ Number of Separators		H	D	K	HF		
	Inner Height	External Height	Inner Width	External Width	Link Pitch	Bending Radius										
DC - MPU (Open outside the crossbar)	10	14	10	17	20	18	10~65	S10	4 ~ 65	Outer Radius Mount	50	45	100	H+10	—	1
			15	22		28					70	55	130		—	2
			20	27		38					90	65	160		—	2
			30	37											22	3
			40	47											32	4
	15	19	10	18		28		S15			75	58	130	H+15	—	1
			15	23		38					95	68	160		—	2
			20	28		48					115	78	195		—	2
			30	38											22	3
			40	48											32	4
			50	58											42	5
	20	25	15	26	30	38		S20			101	81	180	H+20	—	2
			25	36		48					121	91	215		10	3
			40	51		75					175	118	300		23	4
			50	61		100					225	143	375		35	5
			60	71											48	6
			70	81											54	7
			80	91											65	8
DC - MPD (Open inside the crossbar)	32	39	15	26		50		S32			139	100	220	H+25	—	2
			25	36		60					159	110	250		—	3
			40	51		75					189	125	300		25	4
			50	61		100					239	150	375		37	5
			60	71											48	6
			80	91											65	8
	10	14	10	17	20	18		S10		Inner Radius Mount	50	45	100	H+10	—	1
			15	22		28					70	55	130		—	2
			20	27		38					90	65	160		—	2
			30	37											22	3
			40	47											32	4
	15	19	10	18		28		S15			75	58	130	H+15	—	1
			15	23		38					95	68	160		—	2
			20	28		48					115	78	195		—	2
			30	38											22	3
			40	48											32	4
			50	58											42	5
	20	25	15	26	30	38		S20			101	81	180	H+20	—	2
			25	36		48					121	91	215		10	3
			40	51		75					175	118	300		23	4
			50	61		100					225	143	375		35	5
			60	71											48	6
			70	81											54	7
			80	91											65	8
	32	39	15	26		50		S32			139	100	220	H+25	—	2
			25	36		60					159	110	250		—	3
			40	51		75					189	125	300		25	4
			50	61		100					239	150	375		37	5
			60	71											48	6
			80	91											65	8

Divider plates can be added when selecting products.

ORDERING GUIDE

Part Number

DC-MPD10-10-18-13-S10-13

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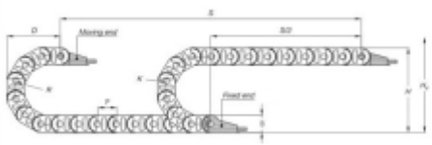
Cable Carriers Flap Open-Close

Dimensional Drawing

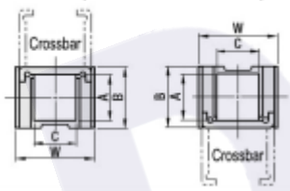


S = Travel length
R = Bending radius
H = Clearance height
D = Overlength

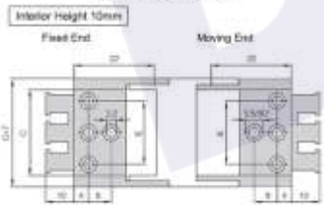
K = n*R+ "Safety"

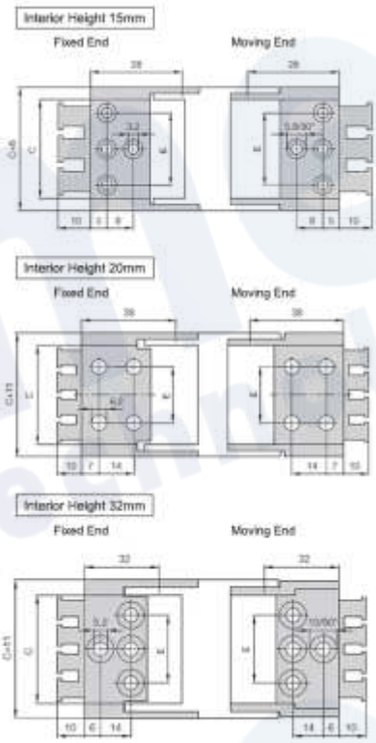
Sectional View

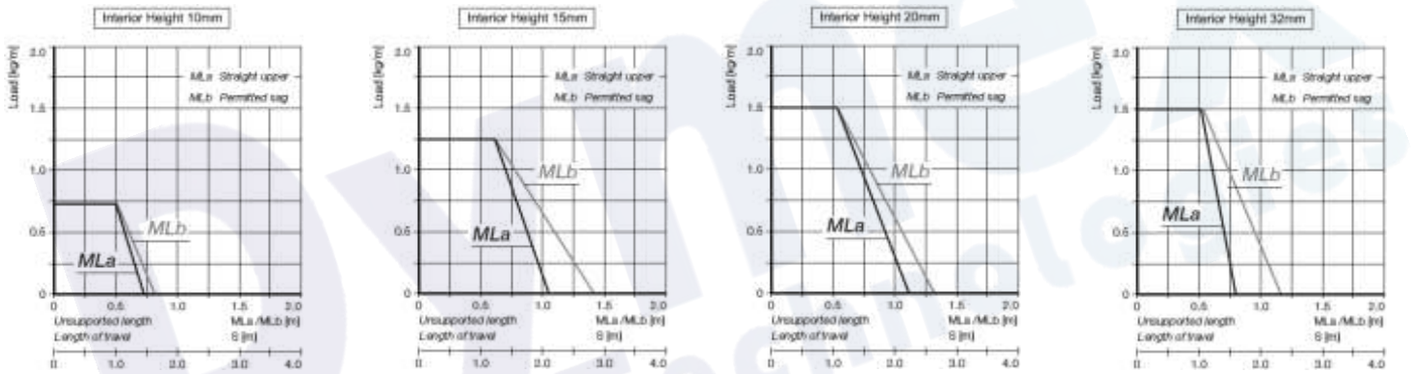
Outside Open Inside Open



Connector Dimension





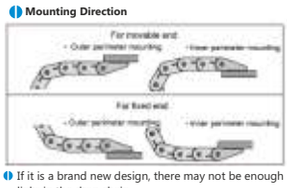


Technical Data

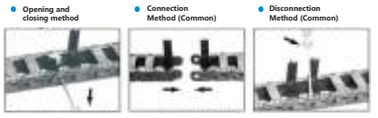
Speed/Acceleration Mla	max.8[m/s]/max.40[m/s2]
Speed/Acceleration Mlb	max.2[m/s]/max.4[m/s2]
Gliding speed/Acceleration	max.4[m/s]/max.25[m/s2]
Permitted temperature	-40°C to 120°C
Flame Retardant Grade Flammability class	UL94 HB

Usage Method

Mounting Direction



If it is a brand new design, there may not be enough links in the drag chain.
It is recommended to chose 1 or 2 as a spare and adjust (disassemble) when installing the device.



- Insert a flat-head screwdriver from the side window hole, push it up to open, and press the cover to close.
- Open the cover of the chain link to be connected align the link plate, and clamp it from both sides
- Open the cover of the chain link to be disconnected, insert a flat-head screwdriver between the chain links, and press it to the side to discounted.

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