


# Cable Carriers

## Compact

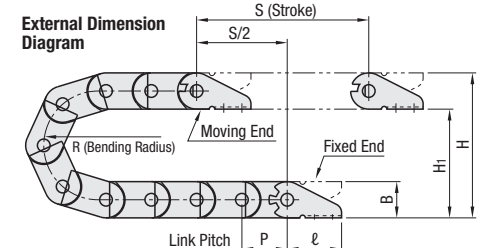
**Cable Carriers – Compact**



RoHS 10

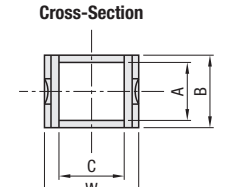
Type	Main Body Material	Mounting Bracket	
		Material	Surface Treatment
Cable Carrier + Mounting Bracket	<b>MHPKS</b> Nylon 6+Glass Fiber 20% (Operating Temperature -10 ~ 80°C) Flammability Standard UL94-HB Equivalent	Low Carbon Steel	Trivalent Bright Chromate Plating

**External Dimension Diagram**



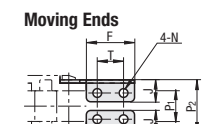
① Only the bracket for MHPKS101 is 304 Stainless Steel and has no surface treatment.

**Cross-Section**

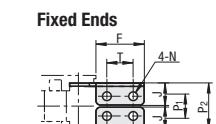


② The above is a drawing of Cable Carrier assembled with 10 links and mounting brackets.

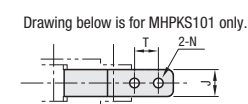
**Moving Ends**



**Fixed Ends**



Drawing below is for MHPKS101 only.



**Cautions**

- ① Cable Carrier (10 Links and 1 Link) and mounting brackets are not assembled together at the time of delivery. Link connection and brackets are required for use.
- ② Install the mounting bracket fixed end on the lower side, and moving end on the upper side (Refer to Positional Relationship in External Dimension Diagram).
- ③ Mounting bracket shape varies depending on size.

Part Number	Type	Bending Radius	No. of Links	Mounting Direction*	Cable Carrier Dimensions										Mounting Dimensions				H (Mounting Height)	H1	HF (Required Physical Height)	K (Arc + Margin)	Weight per Meter (kg) (Reference)		
					A	B	C	W	P	ℓ	F	T	J	N	Moving End	Fixed End	P <sub>1</sub>	P <sub>2</sub>							
<b>MHPKS</b> Cable Carrier + Mounting Brackets	101	19	5-25	S (Common to the Outer and Inner Circumference)	9	12	9	16	20	18	—	8	9	3.2	—	—	—	—	50	38	62	109.7	0.105		
	202	30	6-34		A	16	20	18	26	25	30	—	—	—	—	—	—	—	80	60	95	144.2		0.222	
	203	30	6-34	B		16	20	24	32	25	30	20	10	10	4.5	12.4	24.4	10.4	22.4	110	90	125	191.3		0.24
	204	38	6-31			16	20	24	32	25	30	—	—	—	—	—	—	—	—	80	60	95	144.2		
	206	38	6-31	16		22	29	43	32	43	—	—	—	—	—	—	—	—	98	76	118	179.3	0.51		
		50	7-32	16	22	44	59	32	43	32	18	14	5.8	23.6	39.6	20	36	122	100	142	217	0.56			
	50	7-32	16	22	44	59	32	43	32	18	14	5.8	39.6	55.6	36	52	98	76	118	179.3	0.64				
																		122	100	142		217	1.1		

Part Number	Type	No.	Bending Radius	No. of Links	Mounting Direction*
<b>MHPKS</b> Cable Carrier + Mounting Brackets	101	19	5-25	S (Common to the Outer and Inner Circumference)	S
	202	30	6-34		
	203	30	6-34	B	
	204	38	6-31		B
	206	38	6-31	B	
		50	7-32		B
	50	7-32	B		

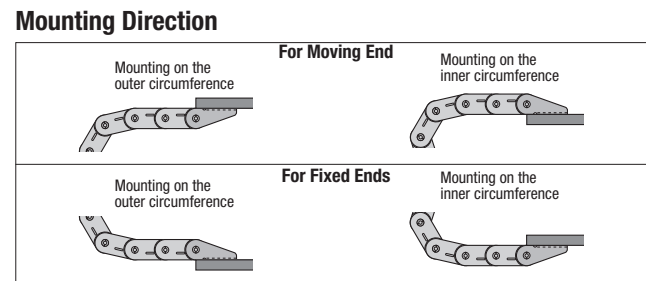
**Cautions on Model Selection**

- ① A Cable Carrier and suitable Mounting Brackets (Moving Ends x 1 set, Fixed Ends x 1 set) are in a set.
- ② Please note that part number varies depending on outer/inner circumference mounting.

**Part Number Example**

Part Number - Bending Radius - No. of Links - Mounting Direction

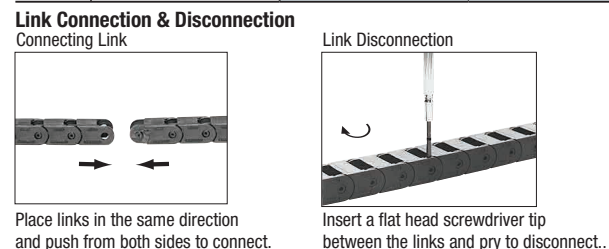
**MHPKS203 - 30 - 18 - A**



① In the case of new designs, there may be a possibility that carrier links run short. It is recommended that links are selected longer by one or two links, and are adjusted (removed) at the time of installing (removing) device.

**\*Mounting Bracket Structural Components**


No.	Mounting Direction	Mounting Bracket Structural Components	
		For Moving End	For Fixed Ends
101	S (Common to the Outer and Inner Circumference)	Common to the Outer and Inner Circumference	Common to the Outer and Inner Circumference
202-206	A	Mounting on the Outer Circumference	Common to the Outer and Inner Circumference
	B	Mounting on the Inner Circumference	Common to the Outer and Inner Circumference



# Cable Carriers

## With Open-Close Flap

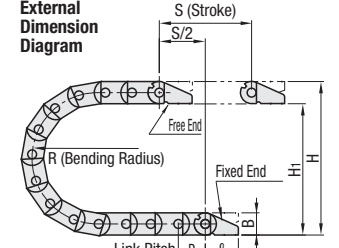
**Cable Carriers – With Open-Close Flap**



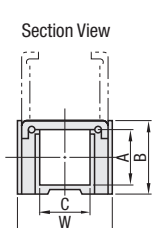
RoHS 10

Type	Main Body Material	Mounting Bracket	
		Material	Surface Treatment
Cable Carrier + Mounting Bracket	<b>MHPUS</b> Nylon 6 + Glass Fiber 20% (Operating Temperature -10~80°C) Flammability Standard UL94-HB Equivalent	Low Carbon Steel	Trivalent Bright Chromate Plating

**External Dimension Diagram**



**Section View**

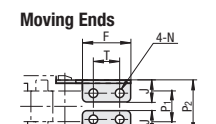


① Only the bracket for MHPUS102 is 304 Stainless Steel and has no surface treatment.

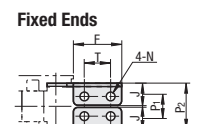
**Cautions**

- ① Cable Carrier (10 Links and 1 Link) and mounting brackets are not assembled together at the time of delivery. Link connection and brackets assembly are required for use.
- ② Install the mounting bracket fixed end on the lower side, and moving end on the upper side (Refer to Positional Relationship in External Dimension Diagram).
- ③ Mounting bracket shape varies depending on size.

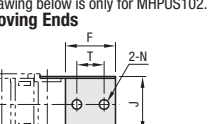
**Moving Ends**



**Fixed Ends**



Drawing below is only for MHPUS102.



Part Number	Type	Bending Radius	No. of Links	Mounting Direction*	Cable Carrier Dimensions										Mounting Dimensions				H (Mounting Height)	H1	HF (Required Physical Height)	K (Arc + Allowance)	Weight per Meter (kg) (Reference)		
					A	B	C	W	P	ℓ	F	T	J	N	Moving End	Fixed End	P <sub>1</sub>	P <sub>2</sub>							
<b>MHPUS</b> Cable Carrier + Mounting Brackets	102	19	5-23	S (Common to the Outer and Inner Circumference)	9	12	20	27	20	30	22	12	*25 (23)	4.5	—	—	—	—	50	38	65	99.7	0.12		
	202	25	6-34		A	14	20	14	26	25	30	—	—	—	—	—	—	—	70	50	85	128.5		0.25	
		30	6-34	B		14	20	20	32	25	30	20	10	10	4.5	9.8	21.8	8	20	80	60	95	144.2		0.26
	203	30	6-34			B	14	20	20	32	25	30	—	—	—	—	—	—	—	110	90	125	191.3		
	204	38	6-36	B			14	22	20	40	32	43	32	18	14	5.8	17.4	33.4	14	30	98	76	118		179.3
	206	38	6-36		B	14	22	40	60	32	43	—	—	—	—	—	—	—	—	122	100	142	217	0.64	
		50	7-37	B		24	34	44	60	45	60	40	24	20	7	35.6	55.6	32	52	98	76	118	179.3		1.1
		50	7-37		B	24	34	44	60	45	60	40	24	20	7	35.6	55.6	32	52	122	100	142	217	1.3	
		100	10-42	B		24	34	44	60	45	60	40	24	20	7	35.6	55.6	32	52	134	100	160	257		1.1
		100	10-42		B	24	34	44	60	45	60	40	24	20	7	35.6	55.6	32	52	234	200	260	414	1.3	
		100	10-42	B		24	34	44	60	45	60	40	24	20	7	35.6	55.6	32	52	140	100	170	257		1.3
		100	10-42		B	24	34	44	60	45	60	40	24	20	7	35.6	55.6	32	52	190	150	220	335.5	1.3	
	100	10-42	B	24		34	44	60	45	60	40	24	20	7	35.6	55.6	32	52	240	200	270	414	1.3		

\* ( ) indicates Fixed End dimensions.

Part Number	Type	No.	Bending Radius	No. of Links	Mounting Direction*
<b>MHPUS</b> Cable Carrier + Mounting Brackets	102	19	5-23	S (Common to the Outer and Inner Circumference)	S
	202	25	6-34		
	203	30	6-34	B	
	204	38	6-36		B
	206	38	6-36	B	
		50	7-37		B
		50	7-37	B	
		100	10-42		B
		100	10-42	B	
		100	10-42		B
		100	10-42	B	
		100	10-42		B

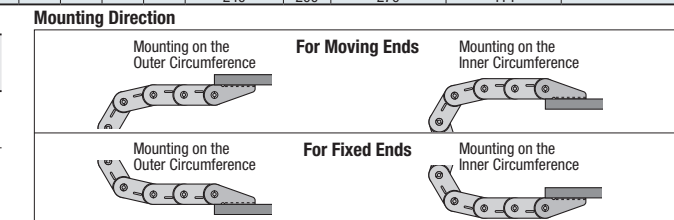
**Cautions on Model Selection**

- ① A Cable Carrier and suitable Mounting Brackets (Moving Ends x 1 set / Fixed Ends x 1 set) are in a set.
- ② Please note that part number varies depending on outer/inner circumference mounting.

**Part Number Example**

Part Number - Bending Radius - Number of Links - Mounting Direction

**MHPUS408 - 50 - 25 - A**



① In the case of new designs, there may be a possibility that carrier links run short. It is recommended that links are selected longer by one or two links, and are adjusted (removed) at the time of installing (removing) device.

**\*Mounting Bracket Structural Components**

No.	Mounting Direction	Mounting Bracket Structural Components	
		For Moving End	For Fixed Ends
102	S (Common to the Outer and Inner Circ.)	Common to the Outer and Inner Circumference	Common to the Outer and Inner Circumference
202-206	A	Mounting on the Outer Circ.	Common to the Outer and Inner Circ.
	B	Mounting on the Inner Circ.	Common to the Outer and Inner Circ.
306-412	A	Common to the Outer and Inner Circ.	Mounting on the Outer Circ.
	B	Common to the Outer and Inner Circ.	Mounting on the Inner Circ.

