


Cable Carriers

Compact Type



Type	MHPKS	Main Body		Mounting Bracket	
		M Material	S Surface Treatment	M Material	S Surface Treatment
Cable Carrier + Mounting Bracket	MHPKS	Nylon 6 + Glass Fiber 20% (Operating Temperature -10~30°C) Flammability Standard UL94-HB Equivalent	Only the bracket for MHPKS101 is SUS304 and has no surface treatment.	SPCC	Trivalent Bright Chromate Plating

External Dimension Diagram

Cross Section View

External Dimension Diagram: S (Stroke), S/2, R (Bending Radius), Moving End, Fixed End, Link Pitch P, l, H, B.

Cross Section View: A, B, C, W.

<No101> <No202-No206> **RoHS10**

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

<Cautions>

- 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.
- Install the mounting bracket fixed end on the lower side, and moving end on the upper side. (Refer to the Positional Relationship in External Dimension Diagram)
- Mounting bracket shape varies depending on size.

Drawing below is for MHPKS101 only.

<Moving Ends> <Fixed Ends>

Part Number	Bending Radius Selection	Number of Links	Mounting Direction *	Cable Carrier Dimensions										Mounting Dimensions				H (Mounting Height)	H ₁	HF (Required Physical Height)	K (Arc + Margin)	Weight per Meter (kg) (Reference)				
				A	B	C	W	P	l	F	T	J	N	Moving End P ₁	Fixed End P ₂	P ₁	P ₂									
MHPKS (Cable Carrier + Mounting Brackets)	101	19	5-25	A	9	12	9	16	20	18	-	8	9	3.2	-	-	-	-	50	38	62	109.7	0.105			
	202	30	6-34		16	20	18	26	25	30	-	20	10	10	4.5	12.4	24.4	10.4	22.4	80	60	95	144.2	0.222		
		45	8-36		16	20	18	26	25	30	-	20	10	10	4.5	12.4	24.4	10.4	22.4	110	90	125	191.3			
	203	30	6-34		B	16	20	24	32	25	30	-	18	4	5.8	18.4	30.4	16.4	28.4	80	60	95	144.2	0.24		
		45	8-36			16	20	24	32	25	30	-	18	4	5.8	18.4	30.4	16.4	28.4	110	90	125	191.3			
	204	38	6-31			16	22	29	43	32	43	-	32	18	14	5.8	23.6	39.6	20	36	98	76	118	179.3	0.45	
		50	7-32			16	22	29	43	32	43	-	32	18	14	5.8	23.6	39.6	20	36	122	100	142	217		
	206	38	6-31			B	16	22	44	59	32	43	-	32	18	14	5.8	39.6	55.6	36	52	98	76	118	179.3	0.51
		50	7-32				16	22	44	59	32	43	-	32	18	14	5.8	39.6	55.6	36	52	122	100	142	217	

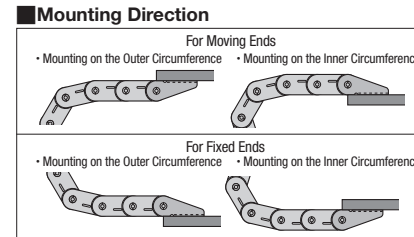
Part Number	Bending Radius Selection	Number of Links	Mounting Direction *	Unit Price	
				Cable Carrier + Mounting Bracket (One Link Unit Price x Number of Links) + Mounting Bracket Price	
MHPKS (Cable Carrier + Mounting Brackets)	101	19	5-25	A	
	202	30	6-34		
		45	8-36		
	203	30	6-34		
		45	8-36		
	204	38	6-31		
50		7-32			
206	38	6-31			
	50	7-32			

<Cautions on Model Selection>

- A Cable Carrier and suitable Mounting Brackets (Moving Ends x1 set, Fixed Ends x1 set) are in a set.
- Please note that part number varies depending on outer/inner circumference mounting.

Ordering Example: Part Number - Bending Radius - Number of Links - Mounting Direction

MHPKS203 - 30 - 18 - A

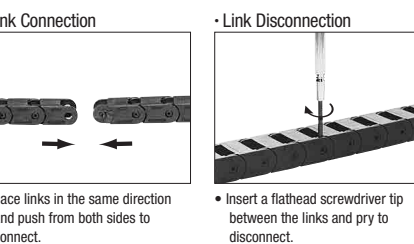


In the case of new designs, there may be a possibility that carrier links run short. It is recommended that links are selected longer by one or two links, and are adjusted (removed) at the time of installing (removing) device.

Mounting Bracket Structural Components


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

Link Connection and Disconnection



Cable Carriers

Flap Open-Close Type



Type	MHPUS	Main Body		Mounting Bracket	
		M Material	S Surface Treatment	M Material	S Surface Treatment
Cable Carrier + Mounting Bracket	MHPUS	Nylon 6 + Glass Fiber 20% (Operating Temperature -10~30°C) Flammability Standard UL94-HB Equivalent	Only the bracket for MHPUS102 is SUS304 and has no surface treatment.	SPCC	Trivalent Bright Chromate Plating

External Dimension Diagram

Cross Section View

External Dimension Diagram: S (Stroke), S/2, R (Bending Radius), Moving End, Fixed End, Link Pitch P, l, H, B, W.

Cross Section View: A, B, C, W.

<Moving Ends> <Fixed Ends>

<Cautions>

- 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.
- Install the mounting bracket fixed end on the lower side, and moving end on the upper side. (Refer to the Positional Relationship in External Dimension Diagram)
- Mounting bracket shape varies depending on size.

Drawing below is for MHPUS102 only.

<Moving Ends> <Fixed Ends>

Part Number	Bending Radius Selection	Number of Links	Mounting Direction *	Cable Carrier Dimensions										Mounting Dimensions				H (Mounting Height)	H ₁	HF (Required Physical Height)	K (Arc + Margin)	Weight per Meter (kg) (Reference)				
				A	B	C	W	P	l	F	T	J	N	Moving End P ₁	Fixed End P ₂	P ₁	P ₂									
MHPUS (Cable Carrier + Mounting Brackets)	102	19	5-23	A	9	12	20	27	20	30	22	12	10	10	4.5	-	-	-	-	50	38	65	99.7	0.12		
	202	25	6-34		14	20	14	26	25	30	-	20	10	10	4.5	9.8	21.8	8	20	70	50	85	128.5	0.25		
		30	6-34		14	20	14	26	25	30	-	20	10	10	4.5	9.8	21.8	8	20	80	60	95	144.2			
	203	30	6-34		B	14	20	20	32	25	30	-	15	8	5.8	15.8	27.8	14	26	80	60	95	144.2	0.26		
		45	8-36			14	20	20	32	25	30	-	15	8	5.8	15.8	27.8	14	26	110	90	125	191.3			
	204	38	6-36			14	22	20	40	32	43	-	32	18	14	5.8	17.4	33.4	14	30	98	76	118	179.3	0.5	
		50	7-37			14	22	20	40	32	43	-	32	18	14	5.8	17.4	33.4	14	30	122	100	142	217		
	206	38	6-36			B	14	22	40	60	32	43	-	32	18	14	5.8	37.4	53.4	34	50	98	76	118	179.3	0.56
		50	7-37				14	22	40	60	32	43	-	32	18	14	5.8	37.4	53.4	34	50	122	100	142	217	
	306	50	6-38				24	34	44	60	45	60	40	24	20	7	35.6	55.6	32	52	134	100	160	257	0.64	
100		10-42	24	34			44	60	45	60	40	24	20	7	35.6	55.6	32	52	234	200	260	414				
408	50	6-38	B	24.5			40	58	78	45	60	40	24	22	7	44	72	40	68	140	100	170	257	1.1		
	75	8-40		24.5			40	58	78	45	60	40	24	22	7	44	72	40	68	190	150	220	335.5			
412	100	10-42		24.5	40		97	117	45	60	40	24	22	7	83	111	79	107	240	200	270	414	1.3			
	150	13-45		24.5	40		97	117	45	60	40	24	22	7	83	111	79	107	340	300	370	571				

Part Number	Bending Radius Selection	Number of Links	Mounting Direction *	Unit Price	
				Cable Carrier + Mounting Bracket (One Link Unit Price x Number of Links) + Mounting Bracket Price	
MHPUS (Cable Carrier + Mounting Brackets)	102	19	5-23	A	
	202	25	6-34		
		30	6-34		
	203	30	6-34		
		45	8-36		
	204	38	6-36		
		50	7-37		
	206	38	6-36		
		50	7-37		
	306	50	6-38		
100		10-42			
408	50	6-38			
	75	8-40			
412	100	10-42			
	150	13-45			

<Cautions on Model Selection>

- A Cable Carrier and suitable Mounting Brackets (Moving Ends x1 set, Fixed Ends x1 set) are in a set.
- Please note that part number varies depending on outer/inner circumference mounting.

Ordering Example: Part Number - Bending Radius - Number of Links - Mounting Direction

MHPUS408 - 50 - 25 - A

