


# Cable Carriers

With Full Cover Flap

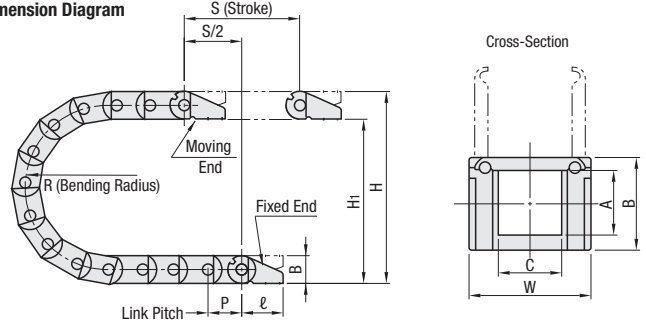
**Cable Carriers – With Full Cover Flap**



RoHS 10

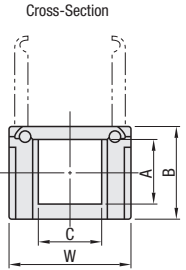
Type	Main Body Material	Mounting Bracket	
		Material	Surface Treatment
Cable Carrier + Mounting Bracket	FHPS Nylon 6+Glass Fiber 20% (Operating Temperature -10 – 80°C) Flammability Standard UL94-HB Equivalent	Low Carbon Steel	Trivalent Bright Chromate Plating

**External Dimension Diagram**



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

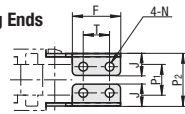
**Cross-Section**



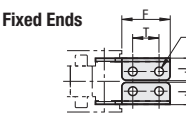
**Caution**

- ⓘ 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.
- ⓘ 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).
- ⓘ Mounting bracket shape varies depending on size.

**Moving Ends**



**Fixed Ends**



Part Number	Type	Bending Radius Selectable	No. of Links	Mounting Direction*	Cable Carrier Dimensions					Mounting Dimensions					H (Mounting Height)	H <sub>1</sub>	HF (Req. Phys. Height)	K (Arc + Margin)	Weight per Meter (kg) (Reference)				
					A	B	C	W	P	ℓ	F	T	J	N						Moving End P <sub>1</sub>	Moving End P <sub>2</sub>	Fixed End P <sub>1</sub>	Fixed End P <sub>2</sub>
FHPS Cable Carrier + Mounting Brackets	A	202	30	8-43	13	20	14	26	20	30	20	10	10	4.5	9.8	21.8	8	20	80	60	95	144.2	0.28
		203	30	8-43	13	20	20	32	20	30	20	10	10	4.5	15.8	27.8	14	26	80	60	95	144.2	0.31
		204	38	7-34	13	22	22	40	26	43	20	10	10	4.5	18.6	34.6	15	31	98	76	118	179.3	0.5
		206	38	7-34	13	22	22	40	26	43	32	18	14	5.8	38.6	54.6	35	51	98	76	118	179.3	0.6
		206	50	9-36	13	22	42	60	26	43	32	18	14	5.8	38.6	54.6	35	51	122	100	142	217	0.6
	B	408	70	8-45	25	40	58	78	45	60	40	24	22	7	44	72	40	68	180	140	210	319.8	1.36
		408	100	10-47	25	40	58	78	45	60	40	24	22	7	44	72	40	68	240	200	270	414	1.36
		412	70	8-45	25	40	97	117	45	60	40	24	22	7	83	111	79	107	180	140	210	319.8	1.7
		412	100	11-49	25	40	97	117	45	60	40	24	22	7	83	111	79	107	240	200	270	414	1.7

Part Number	Type	No.	Bending Radius	No. of Links	Mounting Direction*
FHPS Cable Carrier + Mounting Brackets	A	202	30	8-43	A
		203	30	8-43	
		204	38	7-34	
		206	38	7-34	
		206	50	9-36	
	B	408	70	8-45	
		408	100	10-47	
		412	70	8-45	
		412	100	11-49	

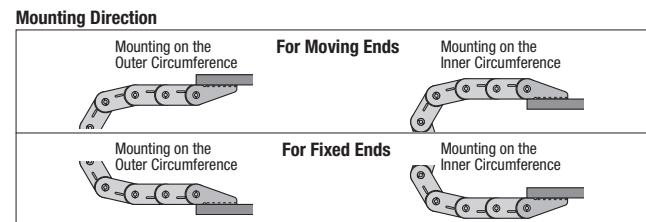
**Caution on Model Selection**

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

**Part Number Example**

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

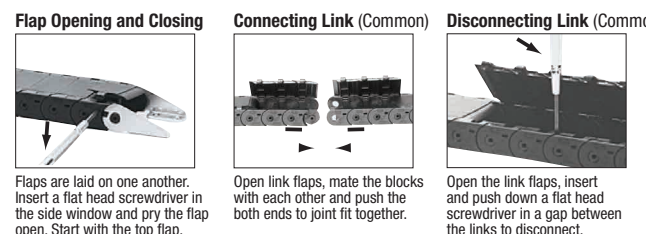
FHPS204 - 38 - 12 - A



ⓘ 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	For Fixed Ends
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
408 / 412	A	Common to the Outer and Inner Circumference	Mounting on the Outer Circumference
	B	Common to the Outer and Inner Circumference	Mounting on the Inner Circumference



# Low Dust Cable Carriers

Low Noise

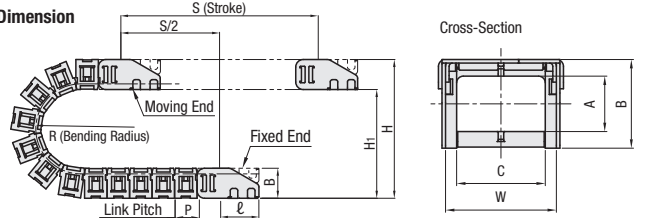
**Low Dust Cable Carriers – Low Noise**



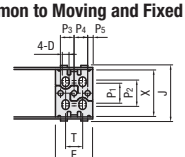
RoHS 10

Type	Main Body Material	Mounting Bracket	
		Material	Surface Treatment
Cable Carrier + Mounting Bracket	MPSCS Nylon 6+Glass Fiber 30% TPEE (Operating Temperature -8-80°C) Flammability Standard UL94-HB Equivalent	Low Carbon Steel	Trivalent Bright Chromate Plating

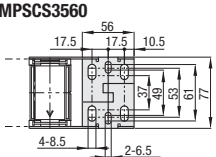
**External Dimension Diagram**



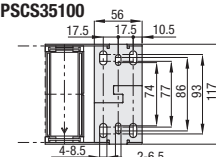
**Common to Moving and Fixed End**



**MPSCS3560**



**MPSCS35100**

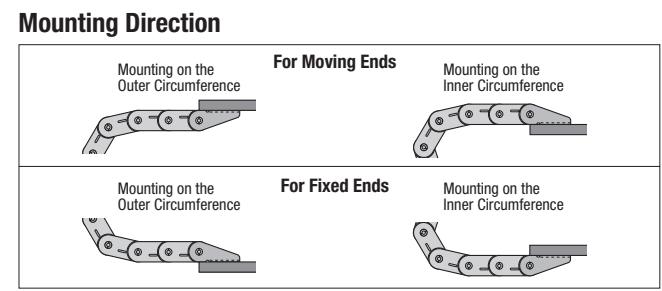


**Caution**

- ⓘ 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 Positional Relationship in External Dimension Diagram).
- ⓘ 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)	H <sub>1</sub>	HF (Req. Phys. Height)	K (Arc + Margin)	Weight per Meter (kg) (Reference)																														
					A	B	C	W	P	ℓ	F	T	J	X						D	Applicable Screw (D)	P <sub>1</sub>	P <sub>2</sub>	P <sub>3</sub>	P <sub>4</sub>	P <sub>5</sub>																							
MPSCS Cable Carrier + Mounting Brackets	S	1520	28	8-67	S (Common to Mounting on Outer and Inner Circumference)	15	25	20	28	18	29	22	10	32.8	30.4	4.2	M4	12	15	8	8	3	95	70	115	128.6	0.34																						
			34	9-68																			105	80	125	144.3																							
			31	8-77																			115	82	145	150.4																							
		2040	38	9-78																			20	33	40	50	20	35	26	14	54.8	52.4	6.5	M6	21	27	130	97	160	174	170	137	200	236.8	0.7				
			58	12-81																																					185	145	215	251.5					
			60	9-57																																					235	195	265	330					
		2540	60	9-57																			25	40	60	70	30	52.5	40	24	56.4	53.2	7	M6	21	40	185	145	215	251.5	295	240	325	410.2	1.4				
			85	11-60																																										185	145	215	251.5
			2560	60																																										9-57	25	40	80
		3560	75	8-51																			35	55	60	73	45	68.5	35	55	100	113	45	68.5	M6	35.4	47	185	145	215	251.5	295	240	325	410.2	2			
100	10-53		240	185	270	323.9																																											
35100	75		8-47	35	55	100	113	45	68.5	240	185	270	323.9																																				

Part Number	Type	No.	Bending Radius	No. of Links	Mounting Direction	
MPSCS Cable Carrier + Mounting Brackets	S	1520	28	8-67	S (Common to Mounting on Outer and Inner Circumference)	
			34	9-68		
			31	8-77		
			2040	38		9-78
				58		12-81
				60		9-57
			2540	60		9-57
				85		11-60
				2560		60
			3560	75		8-51
100	10-53					
35100	75	8-47				



**Caution on Model Selection**

- ⓘ A Cable Carrier and suitable Mounting Brackets (Moving Ends x1 set, Fixed Ends x1 set) are in a set.


**Part Number Example**

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

MPSCS2540 - 85 - 20 - S

## Low Particulate / Low Noise Cable Carrier (MPSCS) (Link Connection)

**Component Structure Diagram**



- Connect links**  
Align cable carrier connection pins with the connection holes. Be sure to keep clear of the twist prevention stopper when fitting them together.
- Fit in the main body**  
Insert the cable carrier in the main body. Be sure that the connection plate is fully mated with the cable carrier.
- Insert joint parts**  
Insert the joint part into the cable carrier to align joint part connection holes with the connection pins.
- Confirm the connection**  
Please be sure if there is no gap between the joint parts and cable carrier, and if the joint parts fixing hooks are secure.