

Cable Carriers

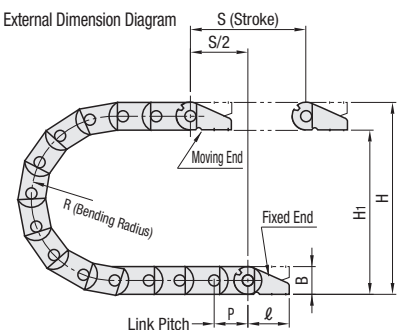
Flap Open-Close Full Cover Type



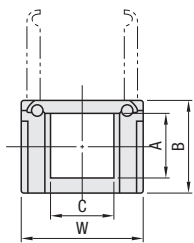
RoHS10

Type	FHPS	Main Body		Mounting Bracket	
		M Material	S Surface Treatment	M Material	S Surface Treatment
Cable Carrier + Mounting Bracket		Nylon 6 + Glass Fiber 20% (Operating Temperature -10 ~ 80°C) Flammability Standard UL94-HB Equiv.		EN 1.0330 Equiv.	Trivalent Bright Chromate Plating

External Dimension Diagram

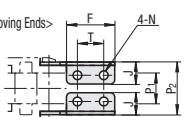


Cross Section View

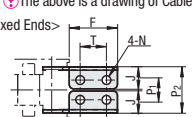


The above is a drawing of Cable Carrier assembled with 10 links and mounting brackets.

<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.

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

Part Number	Bending Radius	Number of Links	Mounting Direction *	Unit Price	
				Cable Carrier + Mounting Bracket (One Link Unit Price x Number of Links) + Mounting Bracket Price	
FHPS (Cable Carrier + Mounting Brackets)	202	30	8~43	A	
	203	30	8~43		
	204	38	7~34		
	206	38	7~34		
	206	50	9~36		
	408	70	8~45		
	408	100	10~47		
	412	70	8~45		
	412	100	11~49		

<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 numbers vary depending on inner/outer circumference mounting.



Ordering Example

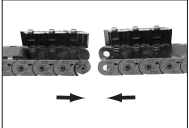
Part Number - Bending Radius - Number of Links - Mounting Direction

FHPS204 - 38 - 12 - A

• Flap Opening and Closing



• Link Connection (Common)



• Link Disconnection (Common)



- Flaps are laid on one another. Insert a flathead screwdriver in the side window and pry the flap to open. Start with the top flap.
- Open link flaps, mate the blocks with each other and push the both ends to joint fit together.
- Open the link flaps, insert and push down a flathead screwdriver in a gap between the links to disconnect.

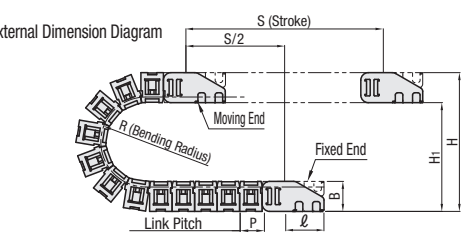
Cable Carriers - Low Particle Generation, Low Noise



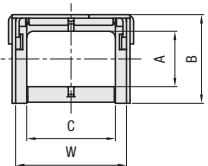
RoHS10

Type	MPSCS	Main Body		Mounting Bracket	
		M Material	S Surface Treatment	M Material	S Surface Treatment
Cable Carrier + Mounting Bracket		Nylon 6 + Glass Fiber 30% TPEE (Operating Temperature -8 ~ 80°C) Flammability Standard UL94-HB Equiv.		EN 1.0330 Equiv.	Trivalent Bright Chromate Plating

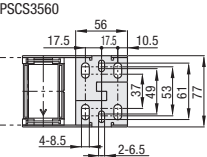
External Dimension Diagram



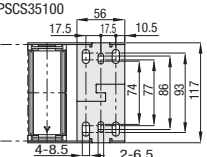
Cross Section View



• MPSCS3560



• MPSCS35100



<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.

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)					
Type	No.				A	B	C	W	P	ℓ	F	T	J	X	D	Applicable Screw (D)	P ₁	P ₂	P ₃	P ₄	P ₅												
MPSCS (Cable Carrier + Mounting Brackets)	1520	28	8~67	S (Common to Mounting on the Outer and Inner Circumferences)	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	0.7				
		58	12~81																						170	137	200	236.8					
		60	9~57																						185	145	215	251.5					
	2540	85	11~60		25	40	40	50	30	52.5	40	24	56.4	53.2	7	M6	21	40									235	195	265	330	0.77		
		2560	60																								9~57	185	145	215		251.5	0.94
		2580	60																								9~57	185	145	215		251.5	1.2
	3560	75	8~51		35	55	60	73	45	68.5																	240	185	270	323.9	1.4		
		100	10~53																								295	240	325	410.2			
		75	8~47																								240	185	270	323.9			
	35100	100	10~49		35	55	100	113	45	68.5																	295	240	325	410.2	2		
100		10~49	295	240																							325	410.2					

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	
MPSCS (Cable Carrier + Mounting Brackets)	1520	28	8~67	S (Common to Mounting on the Outer and Inner Circumferences)	
	1520	34	9~68		
	1520	31	8~77		
	1520	38	9~78		
	1520	58	12~81		
	1520	60	9~57		
	1520	85	11~60		
	1520	60	9~57		
	1520	60	9~57		
	1520	75	8~51		
	1520	100	10~53		
	1520	75	8~47		
	1520	100	10~49		

<Cautions on Model Selection>

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



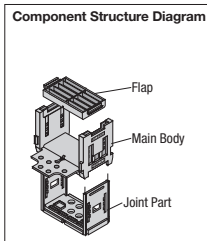
Ordering Example

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

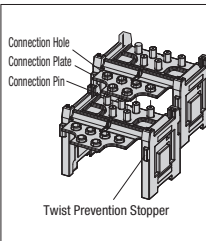
MPSCS2540 - 85 - 20 - S

Low Particle Generation, Low Noise Cable Carriers (MPSCS) - Link Connection

Component Structure Diagram



Connection Hole
Connection Plate
Connection Pin



Twist Prevention Stopper



① Link connection
Align cable carrier connection pins with the connection holes. Be sure to keep clear of the twist prevention stopper when fitting them together.

② Insert the cable carrier in the main body
Be sure that the connection plate is fully mated with the cable carrier.

③ Insert joint parts
Insert the joint part into the cable carrier to align joint part connection holes with the connection pins.

④ Confirm the connection
Please be sure if there is no gap between the joint parts and the cable carrier, and if the joint parts mounting hooks are secure.