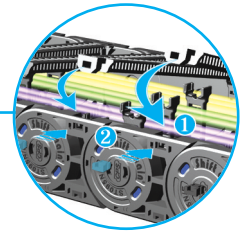
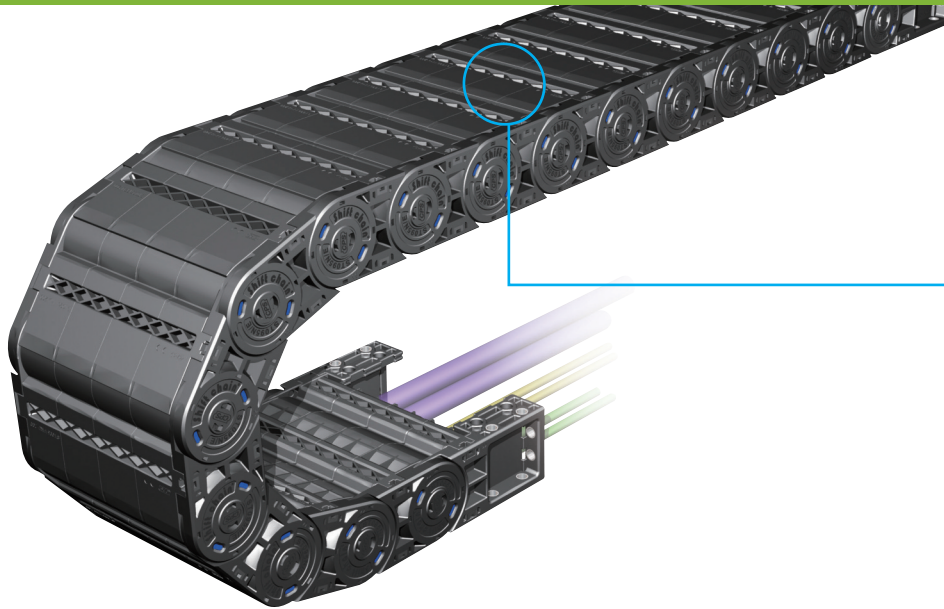
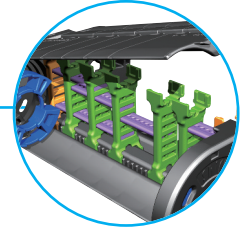


# ST120E



Hinge frame-pin lock type



Section composition

## Calculation of the Chain Length

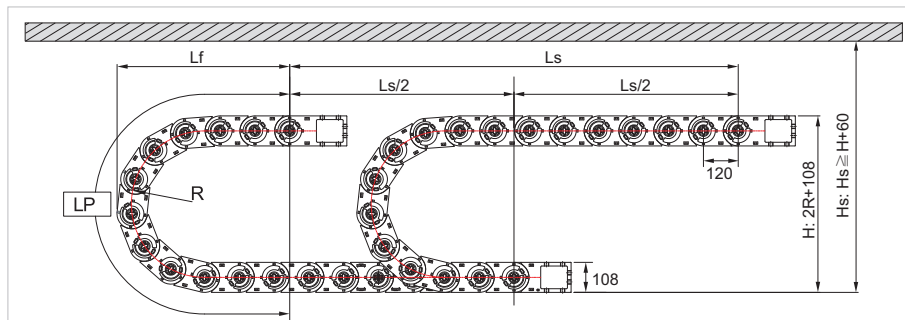
$$[ L = \frac{L_s}{2} + L_p ]$$

## Other Length Restrictions

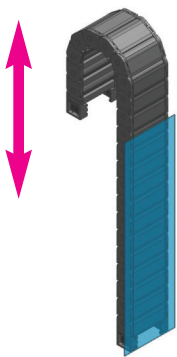
- Vertical Standing(Max) = 6.0m
- Vertical Hanging(Max) = 120m
- Side Mounted Unsupported(Max) = 3.0m

## Layout of the Chain

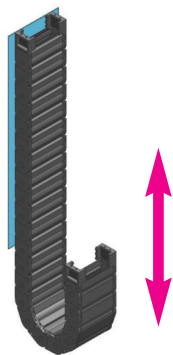
Ls: Stroke Hs: Safe Space



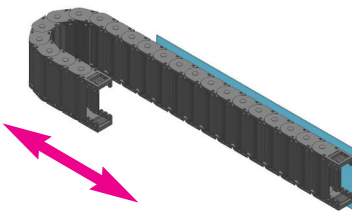
Bending Radius (R)	Lp Loop Length	Lf Loof Projection	H Moving Height
200	1,109	494	508
250	1,266	544	608
300	1,423	594	708
350	1,580	644	808
400	1,737	694	908
500	2,051	794	1,108



Vertical Standing

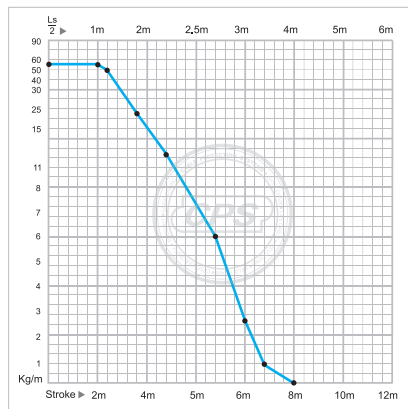


Vertical Hanging

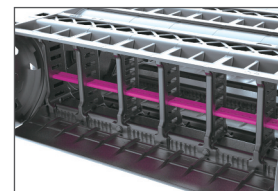


Side Mounted Unsupported

## Unsupported Length



## Separators (SP)

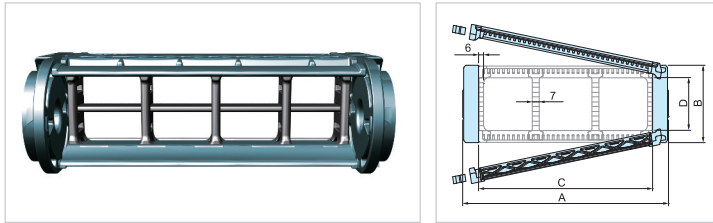


- Adjustable Separator length
- 20~300mm
- 15mm

Chain Type	Ordering No.
ST120E	sb-SP/400.Frame

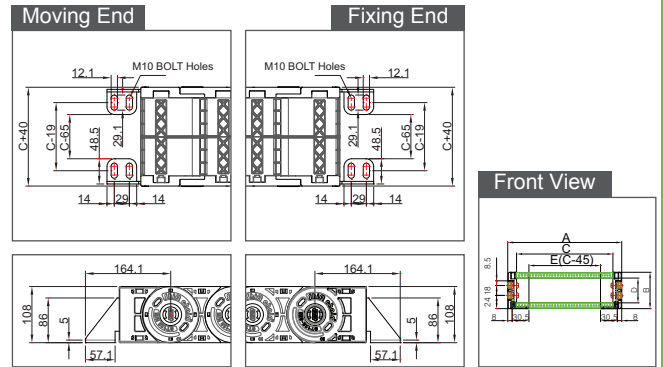
# Shift Chain-Enclosed Type

## Chain Cross Section

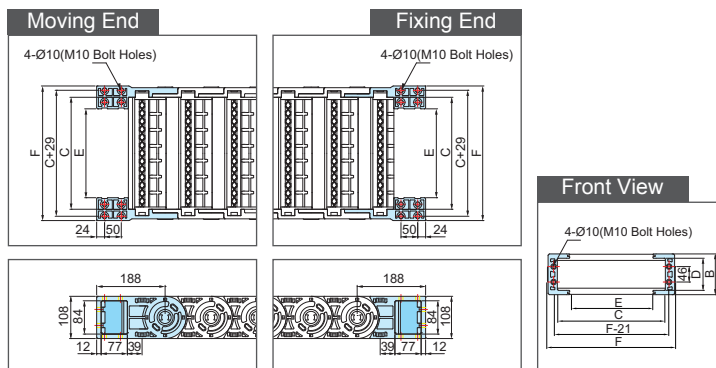


Chain Type	A Width(Outer)	B Height(Outer)	C Frame Width(Inner)	D Height(Inner)	Weight kg/m
ST120E	192	108	150	76	5.79
	242		200		6.43
	292		250		7.07
	342		300		7.71

## Steel End Bracket (SEB)

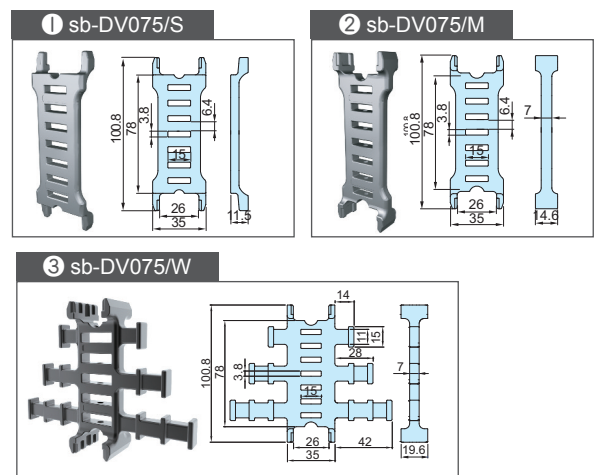
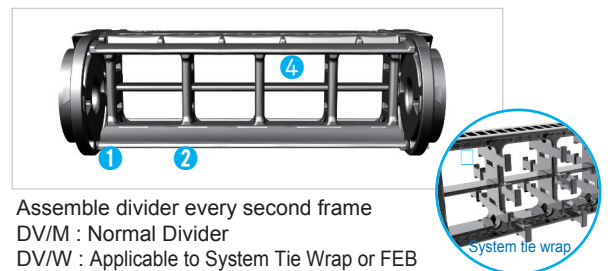


## Free End Bracket (FEB)

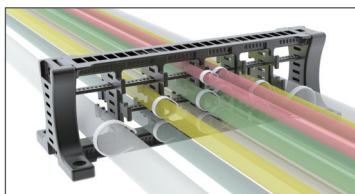


Chain Type	F Width(Outer)	B Height(Outer)	C Frame Width(Inner)	D Height(Inner)	E MEB Bolt hole width	Hole Type
ST120E	200	108	150	76	90	M10 Bolt Holes
	250		200		140	
	300		250		190	
	350		300		240	

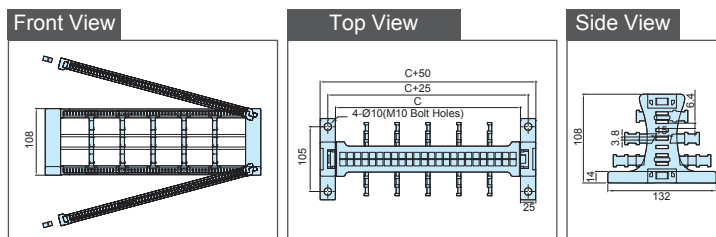
## Dividers(DV)



## System Tie Wrap (STW)

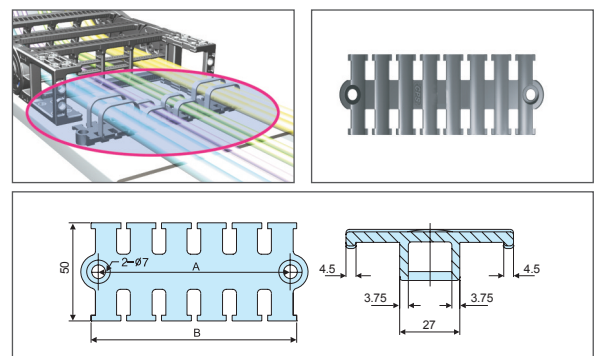


It is a unit to classify each cable for preventing entanglement of cables. It can either be installed to free end bracket or installed separately according to its application environment.



Chain Type	Ordering No.	C Frame	Hole Type
ST120E	S-TW.EB075.150	150	M10 Bolt Holes
	S-TW.EB075.200	200	
	S-TW.EB075.250	250	
	S-TW.EB075.300	300	

## Tie Wrap (TW)



Chain Type	Ordering No.	A	B
ST120E	S-TW50	58	65
	S-TW75	75	82
	S-TW100	98	105
	S-TW125	122	129
	S-TW150	141	148

\* Dimensions in mm