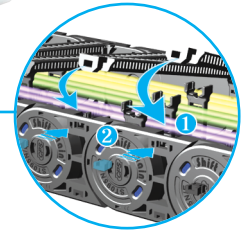
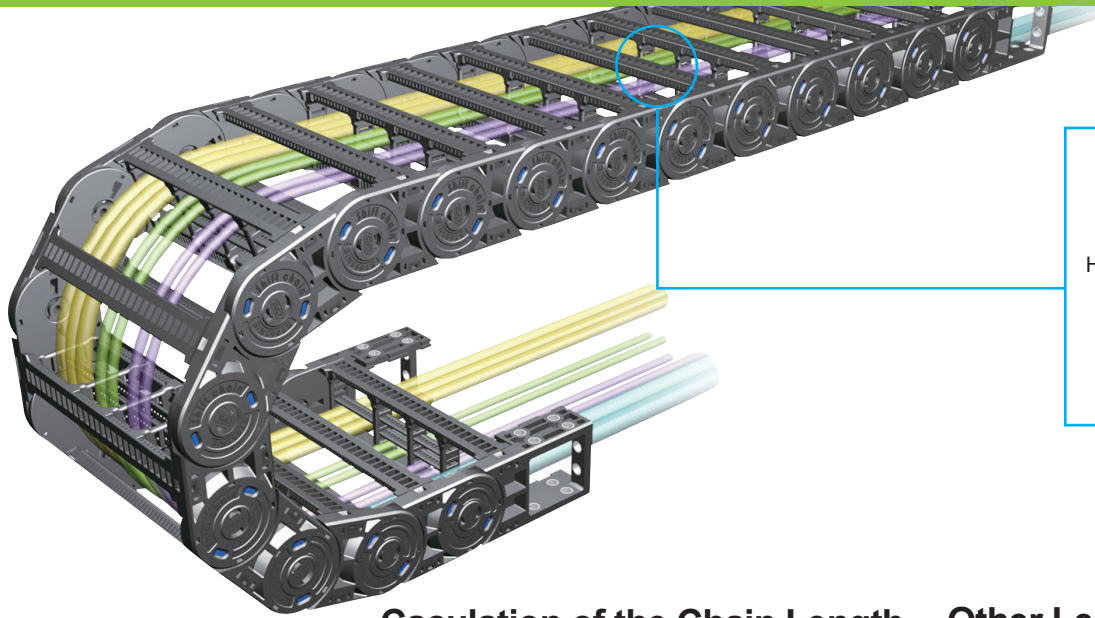
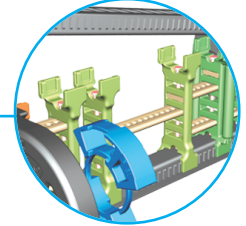


ST120N



Hinge Frame-Pin Lock Type



Section Composition

Calculation of the Chain Length

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

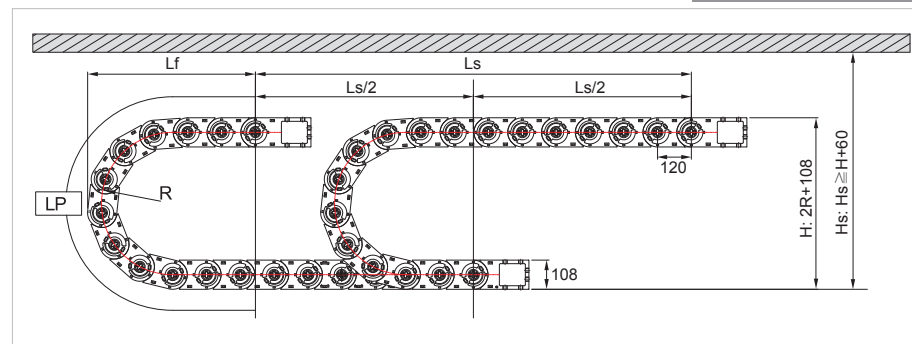
Other Length Restrictions

Vertical Standing(Max) = 6.0m

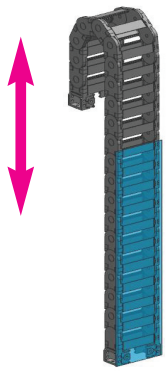
Vertical Hanging(Max) = 120m

Side Mounted Unsupported(Max) = 3.0m

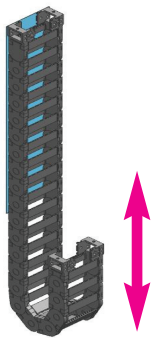
Layout of the Chain



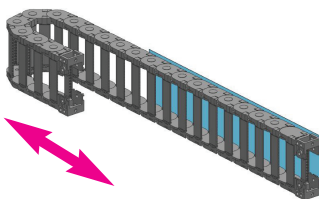
Bending Radius (R)	Lp Loop Length	Lf Loof Projection	H Moving Height
180	1,046	474	468
200	1,109	494	508
250	1,266	544	608
300	1,423	594	708
350	1,580	644	808
400	1,737	694	908
500	2,051	794	1,108



Vertical Standing

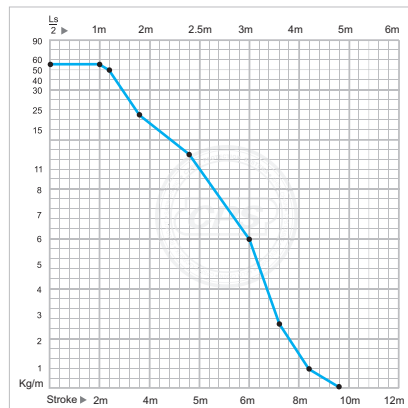


Vertical Hanging

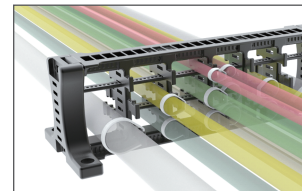


Side Mounted Unsupported)

Unsupported Length



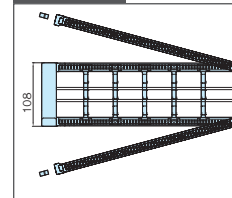
System Tie Wrap (STW)



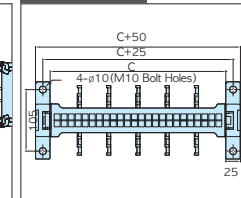
It is a unit to classify each cable for preventing entanglement of cables.

It can either be installed to free end bracket or installed separately according its application environment.

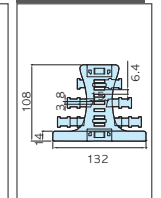
Front View



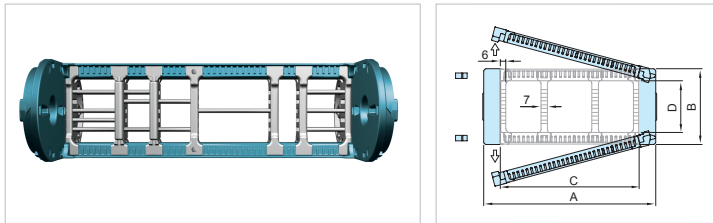
Top View



Side View

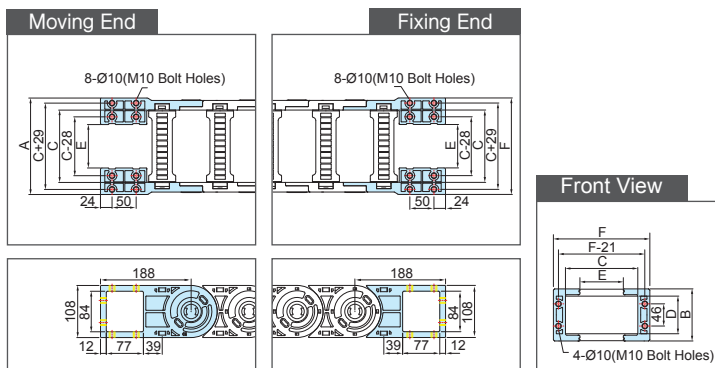


Chain Cross Section



Chain Type	A Width (Outer)	B Height (Outer)	C Frame/Width (Inner)	D Height (Inner)	Weight kg/m
ST120N	117	108	75	78	4.41
	142		100		4.53
	157		115		4.61
	167		125		4.67
	192		150		4.78
	217		175		4.93
	242		200		5.17
	282		240		5.41
	292		250		5.47
	332		290		5.80
	342		300		5.88
	392		350		6.30
	442		400		6.73
	492		450		7.07
	542		500		7.30
	592		550		8.13
642	600	8.30			

Free End Bracket (FEB)

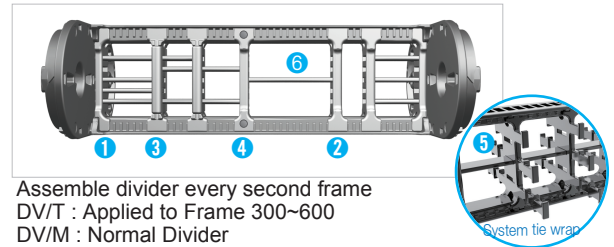


Chain Type	A Width (Outer)	B Height (Outer)	C Frame Width (Inner)	D Height (Inner)	E M.EB Bolt hole width	Hole Type
ST120N	125	108	75	78	15	M10 Bolt Holes
	150		100		40	
	165		115		55	
	175		125		65	
	200		150		90	
	225		175		115	
	250		200		140	
	290		240		180	
	300		250		190	
	340		290		230	
	350		300		240	
	400		350		290	
	450		400		340	
	500		450		390	
	550		500		440	
	600		550		490	
650	600	540				

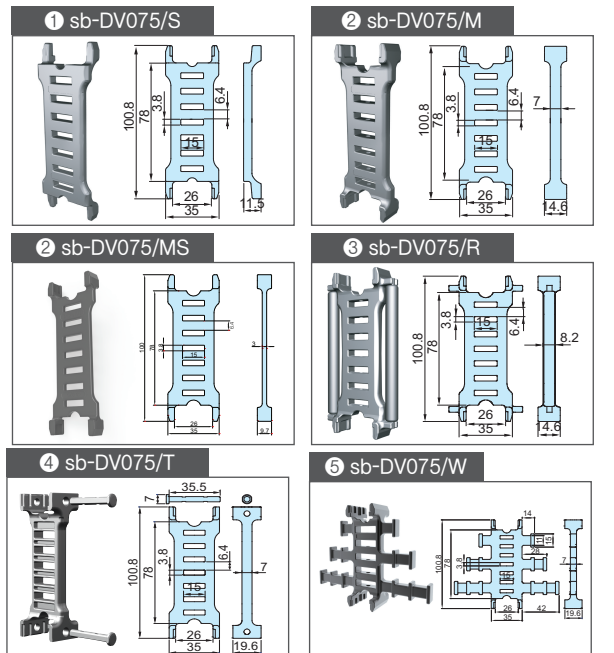
System Tie Wrap (STW)

Chain Type	Ordering No.	C Frame	Hole Type
ST120N	S-TWEB075.75	75	M10 Bolt Holes
	S-TWEB075.100	100	
	S-TWEB075.115	115	
	S-TWEB075.125	125	
	S-TWEB075.150	150	
	S-TWEB075.175	175	
	S-TWEB075.200	200	
	S-TWEB075.240	240	
	S-TWEB075.250	250	
	S-TWEB075.290	290	
	S-TWEB075.300	300	
	S-TWEB075.350	350	
	S-TWEB075.400	400	
	S-TWEB075.450	450	
	S-TWEB075.500	500	
	S-TWEB075.550	550	
S-TWEB075.600	600		

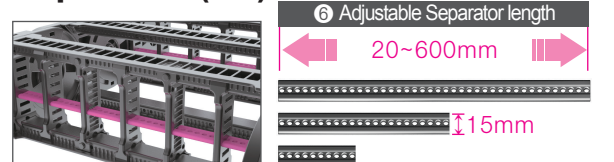
Dividers (DV)



Assemble divider every second frame
 DV/T : Applied to Frame 300~600
 DV/M : Normal Divider
 DV/W : Tie wrap divider for free end bracket(FEB)

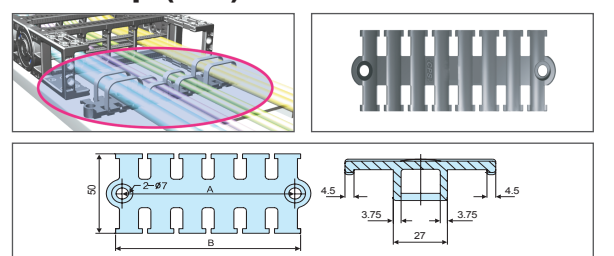


Separators (SP)



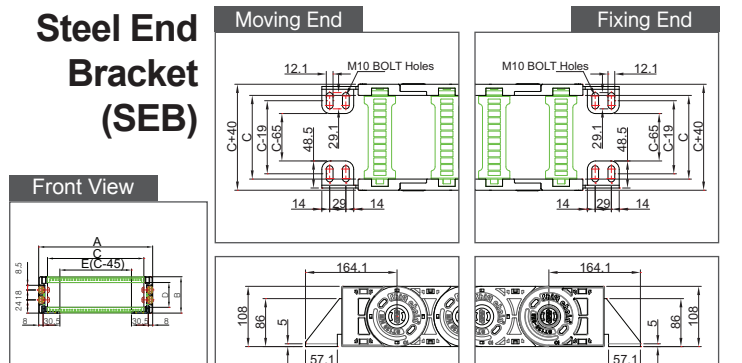
Chain Type	Ordering No.
ST120N	sb-SP/600,Frame

Tie Wrap (TW)



Chain Type	Ordering No.	A	B
ST120N	S-TW50	58	65
	S-TW75	75	82
	S-TW100	98	105
	S-TW125	122	129
	S-TW150	141	148

Steel End Bracket (SEB)



※ Dimensions in mm