



# ST-S Series

Shift Cable Chain - Long Travel Type



## Ordering Information

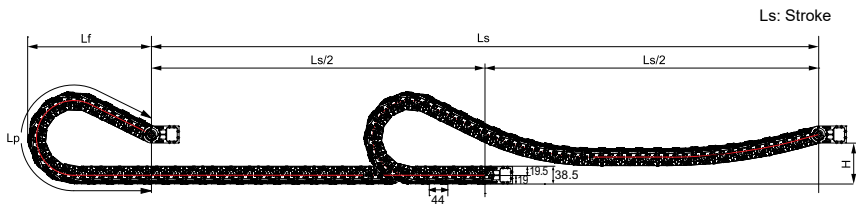
ST 044 S . 100 . R120  
 ①                      ②                      ③

① Normal type (N)	② Inner Width	③ Bending Radius	 Size (Unit : mm)				Frame type	Weight (kg/m)
			A	B	C	D		
044	35	70	74	38.5	35	26		1.03
	50		89		50			1.08
	55		94		55			1.10
	75		114		75			1.17
	100		139		100			1.26
	125		164		125			1.40
	150		189		150			1.52
	175		214		175			1.81
	200		239		200			1.98

## Specifications

Material	Polyamide with reinforced glass fiber: UL94-HB
Noise Range	40dB
Speed	3 m/s
Acceleration	10 m/s <sup>2</sup>
Temperature	-30°C~+130°C
Certificate	CE, ATEX(Ex), RoHs

## Calculation of the chain length



$$[ L = \frac{L_s}{2} + L_p ] \quad (\text{Unit : mm})$$

Bending Radius (R)	L p Loop Length	L f Loop Projection	H Moving Height
70	544	249	110
90	662	289	
120	926	393	
150	1,190	497	

## Accessories

See page 65 - 66 for accessories

Free end bracket						System tie wrap			Tie wrap			
Ordering No.	A Width (Outer)	B Height (Outer)	C Frame	D Height (Inner)	E M.EB Bolt hole width	Ordering No.	C Frame	Hole Type	Ordering No.	A	B	C
ST-FEB120E sb-FEB/WH075	74	38.5	35	26	0.4	S-TW.EB028.35	35	M6 Bolt Holes	S- TW036/025CR.35	46	35.4	-
	89		15.4		S-TW.EB028.50	50	S- TW036/025CR.50		69	48.9	15	
	94		20.4		S-TW.EB028.55	55	S- TW036/025CR.55		70	48.9	20	
	114		40.4		S-TW.EB028.75	75	S- TW036/025CR.75		94	48.9	40	
	139		65.4		S-TW.EB028.100	100	S- TW036/025CR.100		118	48.9	65	
	164		90.4		S-TW.EB028.125	125	S- TW036/025CR.125		142	48.9	90	
	189		115.4		S-TW.EB028.150	150						
	214		140.4		S-TW.EB028.175	175						
	239		165.4		S-TW.EB028.200	200						

<b>Dividers</b>	<ul style="list-style-type: none"> <li>① <b>S</b> divider is used to fix a separator that is the same length as the frame</li> <li>② <b>M1</b> divider is used to separate individual cables</li> <li>③ <b>M2</b> divider is used to fasten a separator that is shorter than the frame length</li> <li>④ <b>T</b> divider can be used at center position to support frame longer than 125mm and up</li> </ul>	<b>① sb-DV028/S</b> 	<b>② sb-DV028/M1</b> 	<b>③ sb-DV028 /M2</b> 
		<b>④ sb-DV028/T</b> 	<b>⑤ sb-DV028/W</b> 	
		<b>⑥ Separators</b> 	<b>Ordering NO</b> S-SP/M.35 S-SP/M.50 S-SP/M.55 S-SP/M.75 S-SP/M.100 S-SP/M.125 S-SP/M.150 S-SP/M.175 S-SP/M.200	<b>Frame</b> 35 50 55 75 100 125 150 175 200

## Guide channel

