

# SLE Support brackets and support rollers

Support rollers enable longer travel distances and offer optimal guidance of the energy chain. They can be used whenever the travel distance exceeds twice of the the unsupported free carrying length of the chain. The order for a support roller **SR** should contain the following data:

**SR width of supp. surface [cm] / Ø100 x height**

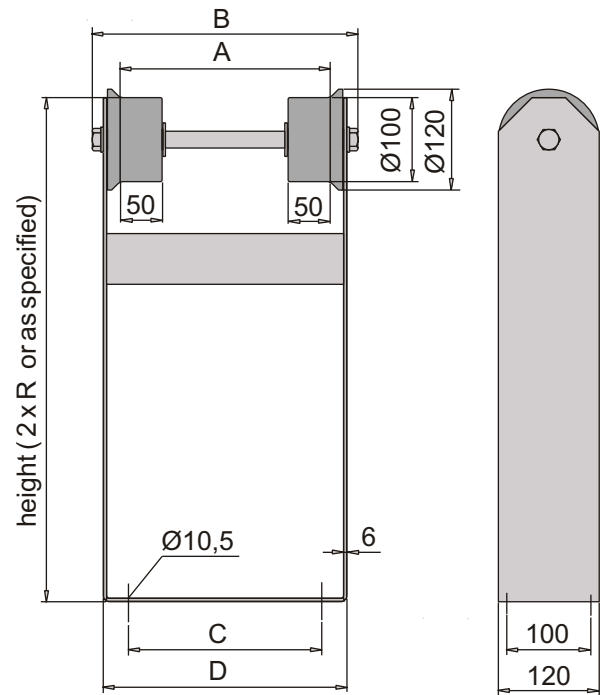
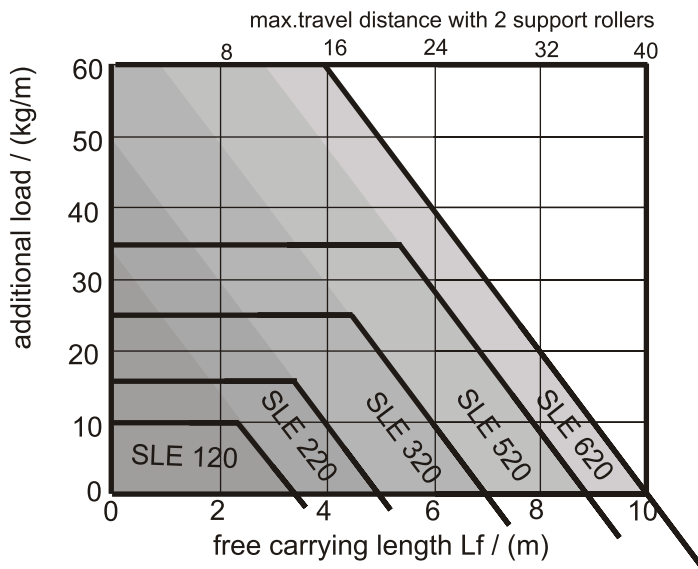
- ① The **width of the supporting surface (A)** depends on the stay width of the steel chain in use (see table).
- ② The **height (H)** of the support bracket depends on the radius of bend of the steel chain in use.

**Example:** bend radius 150mm, stay length 115mm

**SR 15 / Ø 100 x 300**

SR	A	B	C	D	max. stay length
	other sizes on request				
10	100	166	80	140	65
15	150	216	130	190	115
20	200	266	180	240	165
25	250	316	230	290	215
30	300	366	280	340	265
35	350	416	330	390	315
40	400	466	380	440	365
45	450	516	430	490	415
50	500	566	480	540	465
55	550	616	530	590	515
60	600	666	580	640	565
65	650	716	630	690	615
70	700	766	680	740	665
75	750	816	730	790	715

## LOAD DIAGRAM SLE



energy chain SLE with two support rollers and support brackets:  
 maximum travel distance = 4 x free carrying length

