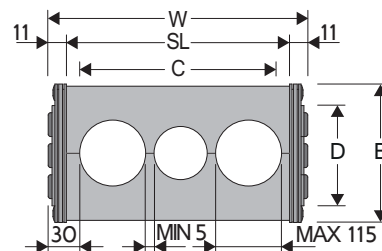
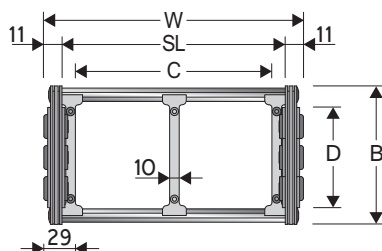


Serie Steel

42LT

Bright zinc plated steel cable chain with Alu-frames

Inner height (D) 138 mm
Bright Zinc Plated Steel Cable Chain.¹
Aluminium Holed cross pieces designed or Alu-frame are mounted each second link. Quote C can be in special size.
⁽¹⁾ available in Stainless Steel.



Separator

- Unassembled	Part.no ST42LF9
- Assembled	Part.no ST42LF9MC

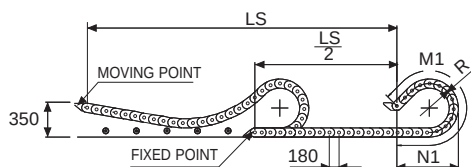
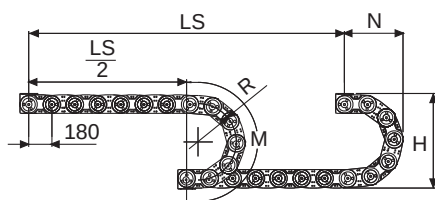
4

Technical characteristics when self-supported

Speed	0,5 m/s
Acceleration	2 m/s ²

For higher requirements please consult our technical dept.

For sliding applications, characteristics techniques may vary depending on the frequency, added weight and work environment.



Aluminium draw plates with nylon separators

W	B	C	D	R	Weight/m	Chain
mm	mm	mm	mm	mm	kg	Part Number
208	175	150	138	250-300-350-400-450-500-550-600-700-750-850	19,30	42LT150 □□□ *
258	175	200	138	250-300-350-400-450-500-550-600-700-750-850	19,76	42LT200 □□□ *
308	175	250	138	250-300-350-400-450-500-550-600-700-750-850	20,22	42LT250 □□□ *
358	175	300	138	250-300-350-400-450-500-550-600-700-750-850	20,68	42LT300 □□□ *
458	175	400	138	250-300-350-400-450-500-550-600-700-750-850	21,61	42LT400 □□□ *
558	175	500	138	250-300-350-400-450-500-550-600-700-750-850	22,53	42LT500 □□□ *
C+58	175		138	250-300-350-400-450-500-550-600-700-750-850		42LT □□□□□ **

*Complete the code by inserting the value of the radius (R): 42LT150 □□□ □

**Complete the code by inserting the value of the quota C and the radius (R): Es. 42LT □□□□□ □□□ □

Aluminium split cross piece created by design

W	B	R	Chain
mm	mm	mm	Part Number
SL+22	175	250-300-350-400-450-500-550-600-700-750-850	42LTA □□□□□ ***

***Complete the code by inserting the value SL and the radius (R): Ex. 42LTA □□□□□ □□□ □

Length of chain (L)

Half travel distance ($\frac{LS}{2}$)
plus length of curve (M) or (M1)

$$L = \frac{LS}{2} + M \text{ or } M1$$

R	H*	N	M	N1	M1
mm	mm	mm	mm	mm	mm
250	720	510	1150	1545	3285
300	820	555	1305	1755	3790
350	920	605	1460	1950	4265
400	1020	655	1620	2125	4715
450	1120	710	1780	2295	5150
500	1220	755	1930	2455	5570
550	1320	805	2090	2605	5975
600	1420	855	2245	2755	6375
700	1620	955	2560	3035	7155
750	1720	1010	2720	3170	7535
850	1920	1105	3030	3430	8280
1000	2220	1255	3500	-	-

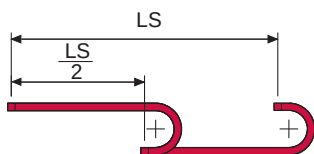
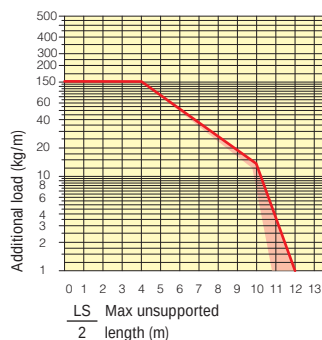
*The height H should be increased by 10 mm/m approx. because of preload. In case of limitation to the available space, refer to the Technical Deptm.



Suitable to long travel distance
See page 233

Self-Supporting Capacity Diagram

The maximum length of the self-supporting capacity ($\frac{LS}{2}$) in relationship to the weight of the cables and hoses contained per linear metre.



The red marking in the diagram area considers the difference of weight between various widths of chain.

For applications with $\frac{LS}{2}$ and weights not included in the area of the diagram showing self-supporting capacity, verify the possible use of support rollers (see page 30).

Bright Zinc Plated Steel End Brackets

The end brackets set, containing four steel plates screwed to the links allows the two ends of the chain to be attached to the equipment.

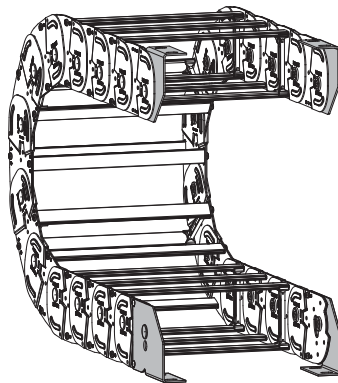
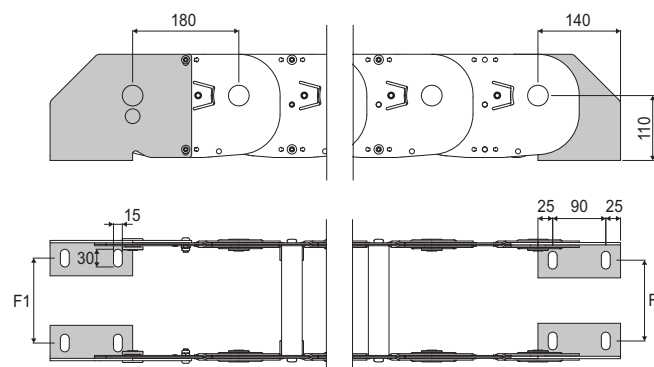


Fig. A
Chain fixed outer radius (Fig A)
See mounting variations page 31



Chain type	F1 mm
42LT150	135
42LT200	185
42LT250	235
42LT300	285
42LT400	385
42LT500	485
Special Widths	F=W-73

Chain Type	F2 mm
42LT150	144
42LT200	194
42LT250	244
42LT300	294
42LT400	394
42LT500	494
Special Widths	F=W-64

Bright Zinc Plated Steel Type Part Numbers

Chain type	End Brackets Set
42LT...	A42LKM □ **

Chain type	End Brackets Set
42LT...	A42LK □ **

** 1=Pos.1; 2=Pos.2; 3=Pos.3
See mounting variations page 31

For further information please
consult Brevetti Stendalto's
Technical Office