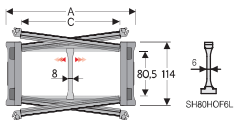
Serie Heavy

H80SC

Nylon Chain with opening frame with a snap

Inner height (D) 80,5 mm
Sideband construction with quickly removable pin. Frames openable from either side on both inner and outer radius. As standard the chain comes with frames every link.
Vertical and horizontal modular separator system is available.



Separator	
- Unassembled	Part.no SH80SCF6
- Assembled*	Part.no SH80SCF6MCI
- Assembled**	Part.no SH80SCF6MCE
Strong-hold Separator	
for C > 250 mm	
- Unassembled	Part.no SH80HOF6L
- Assembled	Part.no SH80HOF6LMC

** for chain opening outer radius*
*** for chain opening inner radius*

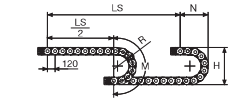
Technical characteristics when self-supported

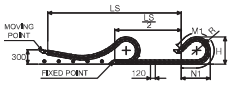
Speed	8 m/s
Acceleration	40 m/s²

For higher requirements please consult our technical dept.

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

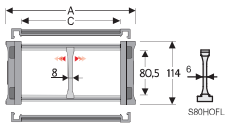
R	H	N	M	N1	M1
mm	mm	mm	mm	mm	mm
200	514	377	870	810	1775
250	614	427	1030	1050	2330
300	714	477	1185	1285	2885
350	814	527	1340	1525	3445
400	914	577	1500	1760	4000
500	1114	677	1815	2235	5115
600	1314	777	2125	2705	6225





A	B	C	D	R	Weight/m	Chain
mm	mm	mm	mm	mm	kg	Part Number
205	114	150	80,5	200-250-300-350-400-500-600	6,70	**H80SC150 □□□***
230	114	175	80,5	200-250-300-350-400-500-600	6,87	**H80SC175 □□□***
255	114	200	80,5	200-250-300-350-400-500-600	7,04	**H80SC200 □□□***
280	114	225	80,5	200-250-300-350-400-500-600	7,20	**H80SC225 □□□***
305	114	250	80,5	200-250-300-350-400-500-600	7,37	**H80SC250 □□□***
330	114	275	80,5	200-250-300-350-400-500-600	7,52	**H80SC275 □□□***
355	114	300	80,5	200-250-300-350-400-500-600	7,66	**H80SC300 □□□***
380	114	325	80,5	200-250-300-350-400-500-600	7,86	**H80SC325 □□□***
405	114	350	80,5	200-250-300-350-400-500-600	8,05	**H80SC350 □□□***
430	114	375	80,5	200-250-300-350-400-500-600	8,23	**H80SC375 □□□***

**Complete the code by inserting the value of the radius (R): Ex. H80SC200 ☐☐☐*



Separator	
- Unassembled	Part.no S80
- Assembled*	Part.no S80MCI
- Assembled**	Part.no S80MCE
Strong-hold Separator	
for C > 250 mm	
- Unassembled	Part.no S80HOFL
- Assembled	Part.no S80HOFLMC
Pin	
	Part.no PNH80RS

** for chain opening outer radius*
*** for chain opening inner radius*

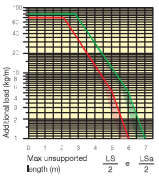
H80SA
Version with openable frame by both sides

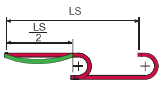
A	B	C	D	R	Weight/m	Chain
mm	mm	mm	mm	mm	kg	Part Number
129	114	74	80,5	200-250-300-350-400-500-600	5,99	**H80SA074 □□□***
149	114	94	80,5	200-250-300-350-400-500-600	6,10	**H80SA094 □□□***
174	114	119	80,5	200-250-300-350-400-500-600	6,22	**H80SA119 □□□***
181	114	126	80,5	200-250-300-350-400-500-600	6,23	**H80SA126 □□□***
484	114	429	80,5	200-250-300-350-400-500-600	8,22	**H80SA429 □□□***
553	114	498	80,5	200-250-300-350-400-500-600	8,77	**H80SA498 □□□***

**Complete the code by inserting the value of the radius (R): Ex. H80SA119 ☐☐☐*

Version with frames mounted on every pitch

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





***If the chain is in the ADMISSIBLE SAGGING area** (between GREEN and RED area) version with **frames on every link** is necessary.

The area in the diagram considers the difference of weight between various widths of chain with nylon frame every second link.

Red for self-supporting chain, green for chain in admissible sagging.

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

End Brackets
The end brackets set allows the two ends of the chain to be attached to the equipment. Set complete with tiewrap clamps available on request.

Nylon Type

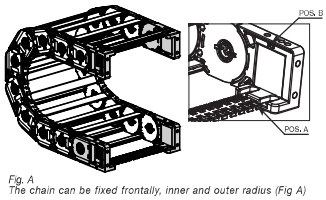
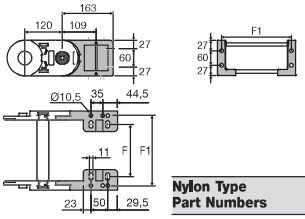


Fig. A
The chain can be fixed frontally, inner and outer radius (Fig A)



Chain Type	F mm	F1 mm
H80SC150	124	177,5
H80SC175	149	202,5
H80SC200	174	227,5
H80SC225	199	252,5
H80SC250	224	277,5
H80SC275	249	302,5
H80SC300	274	327,5
H80SC325	299	352,5
H80SC350	324	377,5
H80SC375	349	402,5

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

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

Nylon Type Part Numbers

Assembled	
Chain Type	End Brackets set
H80SC	**ANH80KM□****
Unassembled	
Chain Type	End Brackets set
H80SC	**ANH80K***

Tiewrap Clamp

Complete Set Assembled	
Mounting Position	Tiewrap Clamp set
Pos. A	**SFCTH80□□□*KMA**
Pos. B	**SFCTH80□□□*KM**
Complete Set Unassembled	
Mounting Position	Tiewrap Clamp set
Pos. A	**SFCTH80□□□*KA**
Pos. B	**SFCTH80□□□*K**

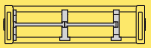
** Inner Width C*
*** 1=Pos.1; 2=Pos.2; 3=Pos.3*
**** For 074 and 094 shares assembly is only on position B*

Serie Heavy

H80SC
Nylon chain with opening frame with a snap

H80B
On request can be supplied with rods made of stainless steel or aluminium.

H80T
On request can be supplied with drawn made of aluminium.



Separation System page. 196

How to open the frame

How to release the pin junction

10 mm

Suitable to long travel distance with covers on all the pitches.

For further informations please consult Brevetti Stendalto's Technical Office