

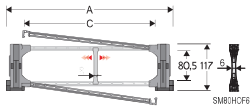
## Serie Sliding

# 80PU/R1

## Nylon Cable Chain with opening frames

### Inner height (D) 80,5 mm

Strong double share Sideband & Frame construction with large anti-friction single pin. The chain features screwed-on interchangeable sliding skids to offer durability even with high speed and loads. Frames opening from inner and outer radius. As standard the chain comes with frames every second link, on request with frames every link. Separation systems are available.



Separator	
- Unassembled	PartNo S80F
- Assembled**	PartNo S80FMCI
- Assembled**	PartNo S80FMCE
Strong-hold separator for C > 250 mm	
- Unassembled	PartNo SM80HOF6L
- Assembled	PartNo SM80HOF6LMC
Pin	
- Sliding skid	PartNo PINE80-FIN80
	PartNo PAT80

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

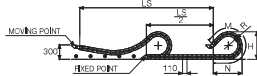
### Technical characteristics

Speed	5 m/s
Acceleration	13 m/s <sup>2</sup>

For higher requirements please consult our technical dept.

A	B	C	D	R	Weight/m	Chain
mm	mm	mm	mm	mm	kg	Part number
195	117	115	80,5	200-250-300-400-500-700	8,60	80PU115 □□□ *
215	117	135	80,5	200-250-300-400-500-700	8,67	80PU135 □□□ *
240	117	160	80,5	200-250-300-400-500-700	8,73	80PU160 □□□ *
247	117	167	80,5	200-250-300-400-500-700	8,75	80PU167 □□□ *
270	117	190	80,5	200-250-300-400-500-700	8,80	80PU190 □□□ *
310	117	230	80,5	200-250-300-400-500-700	8,93	80PU230 □□□ *
345	117	265	80,5	200-250-300-400-500-700	9,05	80PU265 □□□ *
371	117	291	80,5	200-250-300-400-500-700	9,11	80PU291 □□□ *
395	117	315	80,5	200-250-300-400-500-700	9,17	80PU315 □□□ *
421	117	341	80,5	200-250-300-400-500-700	9,25	80PU341 □□□ *
445	117	365	80,5	200-250-300-400-500-700	9,33	80PU365 □□□ *
471	117	391	80,5	200-250-300-400-500-700	9,40	80PU391 □□□ *
495	117	415	80,5	200-250-300-400-500-700	9,47	80PU415 □□□ *
550	117	470	80,5	200-250-300-400-500-700	9,75	80PU470 □□□ *
619	117	539	80,5	200-250-300-400-500-700	10,00	80PU539 □□□ *

\* Complete the code by inserting the value of the radius (R). Ex. 80PU115 □□□ □  
Chain equipped with nylon frame every pitch: complete the code by inserting the letter D. 80PU118250 □



Length of chain (L)

Half travel distance ( $\frac{L-S}{2}$ )

plus length of curve (M)

$$L = \frac{L-S}{2} + M$$

R	H	N	M
mm	mm	mm	mm
200	510	695	1555
250	610	905	2060
300	710	1115	2565
400	910	1530	3575
500	1110	1945	4580
700	1510	2785	6600



Version with frames mounted on every pitch.

### End Brackets

The end brackets set allows the two ends of the chain to be attached to the equipment. One set includes two pivoting end brackets to be installed at the moving point and two standard steel end brackets to be installed at the fixed point.

**Bright Zinc Plated Steel Movable Type\*\*\***     **Bright Zinc Plated Steel Type\*\*\* (fixed point)**

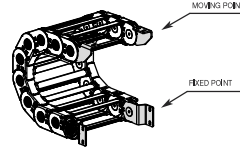
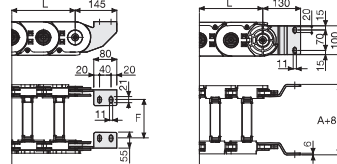


Fig. A Chain fixed outside the radius. (Fig. A)



Chain Type	F mm
80PU115	92
80PU135	112
80PU160	137
80PU167	144
80PU190	167
80PU230	207
80PU265	242
80PU291	268
80PU315	292
80PU341	318
80PU365	342
80PU391	368
80PU415	392
80PU470	447
80PU539	516

### Bright Zinc Plated Steel Type Part Numbers

Complete Set Assembled	
Chain	End Brackets
Type	Set
80PU...	A80PKM□*
Complete Set Unassembled	
Chain	End Brackets
Type	Set
80PU...	A80PK□*

\* 1=Pos.1; 2=Pos.2; 3=Pos.3  
\*\*\* Available on request in stainless steel



## Serie Sliding

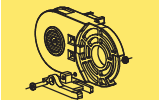
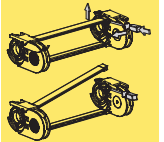
### 80PU Nylon Cable Chain with opening frames

Separation System  
To choose the separators see page 196

### 80R1 Nylon cables chain with I-Roller system



How to open the cover.



Sliding skid

For further information please consult Brevetti Stendallo's Technical Office