

OPEN TYPE SABIN CABLE DRAG CHAINS

(SB045N, SB060N, SB075N)

CPS045N

Bending Radius R	90	110	135	165	185	235	285
Lp	633	695	774	868	931	1,088	1,245
Lf	291	311	336	366	386	436	486
H	268	308	358	418	458	558	658

CPS060N

Bending Radius R	125	135	150	180	230	270	340
Lp	854	885	932	1,026	1,183	1,309	1,529
Lf	389	399	414	444	494	534	604
H	358	378	408	468	568	648	788

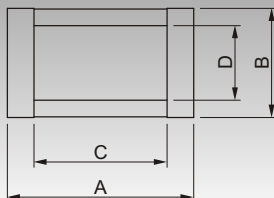
CPS075N

Bending Radius R	160	180	230	280	330	380	480
Lp	1,084	1,147	1,304	1,461	1,618	1,775	2,089
Lf	495	515	565	615	665	715	815
H	464	504	604	704	804	904	1,104

Technical Dimensions (mm)

Chain Cross Section

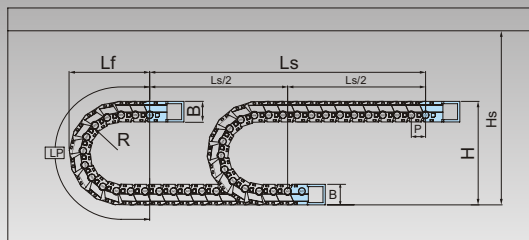
Cat. No.	A	B	C	D	Bending Radius
SB045N.50	80	66	50	45	
SB045N.75	105	66	75	45	
SB045N.100	130	66	100	45	90, 110, 135, 165
SB045N.125	155	66	125	45	185, 235, 285
SB045N.150	180	66	150	45	
SB060N.75	115	82	75	56	
SB060N.100	140	82	100	56	
SB060N.125	165	82	125	56	125, 135, 150, 180,
SB060N.150	190	82	150	56	230, 270, 340
SB060N.175	215	82	175	56	
SB075N.075	115	108	75	78	
SB075N.100	140	108	100	78	
SB075N.125	165	108	125	78	160, 180, 230, 280,
SB075N.150	190	108	150	78	330, 380, 480
SB075N.175	215	108	175	78	
SB075N.200	240	108	200	78	



Sabin Type Cable Drag Chains

'SABIN' type Cable Drag Chains offer the distinct advantage of fast assembly by virtue of snap-on type links and are available in closed as well as open configurations. Also due to their 'Snap-On' type design and absence of poke pins (as in normal design) these produce extremely low mote (dust) because of friction. With benefits like higher speed (upto 15 m/s) and low noise (as low as 30 dB), these drag chains are the ultimate when it comes to cable protection in motion.

Technical Details :	
Chain Material	Glass fibre reinforced Polyamide, UL 94-HB
Noise	30 dB (DIN EN 61672-1)
Mote (IPA)	VDI 2083 Class 2 DIN EN 14644-1 ISO CALSS 4
Applications	Gantry Robot, Machining Center, Textile Machine, Welding Machine, Feeder Unit, Assembly Loader, Woodworking Machines, Lathes, Fabric Machines, etc.
Speed	15m / sec
Temperature Range	-40°C to +130°C Continuous
Vertical Installation Lengths	Curve above = max. 6 m Curve below = max. 100 m (045N & 060N) = max. 120 m (075N) Side mounted, Unsupported = max. 2.5 to 3.0m



Ls : Stroke
Total Length L = LS / 2 + Lp
Safe space Hs = H + 40 mm

End Bracket (Polyamide)

Cat. No.	EBF045N. 050/ 075/100/ 125/150	EBF060N. 075/ 100/125/ 150/175	EBF075N. 075/100/125/ 150/175/200
End Bracket Type	Free	Free	Free
Suitable for Chain Size	SB045N	SB060N	SB075N
Fixed Point			
Moving Point			