









» General information

Item	Value
Material	CPS-Amid(PA6+GF), RoHs
Noise range	40dB(DIN EN 61672-1)
Speed	3m/s
Acceleration	10m/s ²
Temperature	-30°C ~+130°C
Special production	ESD, UV
Certificate	CE, ATEX(Ex)

» Calculation table

Item	Value
Length of Cable Chain	$L = \frac{1}{2} \times LS + LP$
Bending Radius	
The biggest Cable inserted	Multiply 8~10 and the biggest cable
The biggest Hydraulic Hose inserted	Multiply 15~20 and the biggest hose

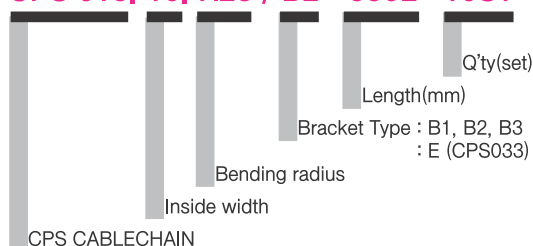
» Dimension table

CPS Cable Chain MINI Type	Pitch	Bending Radius(R)	Weight kg/m	Speed m/sec	Temperature °C	Size				Frame type	Section - composition
						A	B	C	D		
CPS 015	15	18, 28, 38	0,100	3	-30 ~ +130	12,6	13	6	10		
			0,106			16,6		10			
			0,111			21,6		15			
			0,115			26,6		20			
			0,245			24		15			
CPS 020	20	28, 38, 48	0,260	3	-30 ~ +130	29	20	20	14,5		
			0,285			39		30			
			0,310			49		40			
			0,380			29		15			
			0,400			39		25			
CPS 030	30	38, 48, 75, 100	0,420	3	-30 ~ +130	49	26	25	19		
			0,440			64		50			
			0,550			45		27			
			0,590			55		37			
			0,610			65		47			
CPS 033	33	35, 45, 75, 100, 120	0,680	3	-30 ~ +130	85	31	67	23		
			0,700			95		77			
			0,610			65		47			
			0,680			85		67			
			0,700			95		77			

(Dimensions in mm)

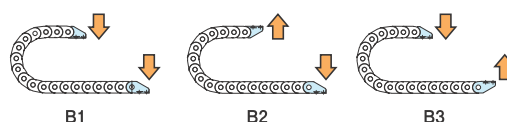
» Ordering

CPS 015, 10, R28 / B2 - 550L : 10ST

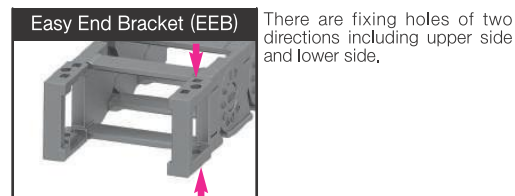


» Bracket type

- CPS015, CPS020, CPS030



- CPS033



» Application of CPS mini Chain



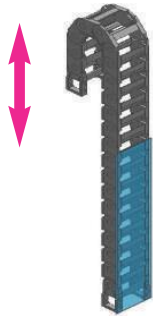
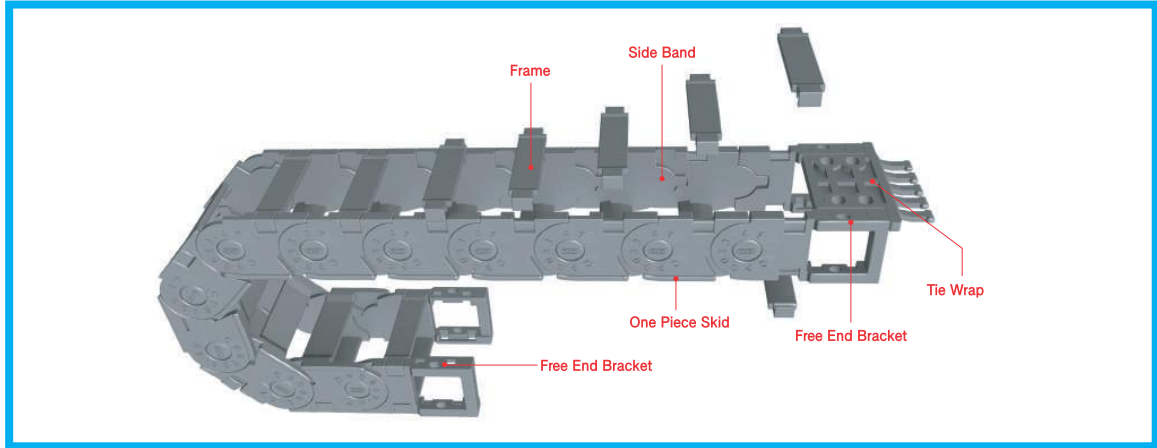
▲ Factory lines,



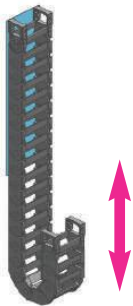
▲ Machine tools,



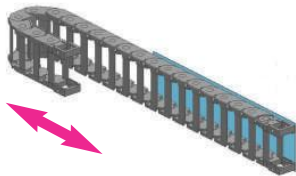
CPS 033



Vertical with curve above



Vertical with curve below



Horizontal application mounted on its side

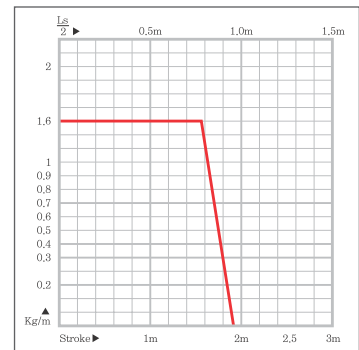
» Calculation of the chain length

$$\left[L = \frac{L_s}{2} + L_p \right]$$

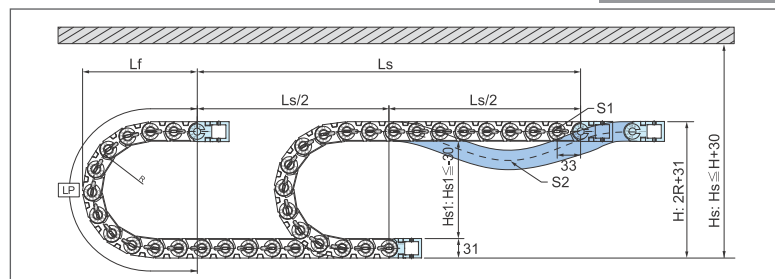
» Other installation length

Vertical curve above = max 1,5m
Vertical curve below = max 10,0m
Side Mounted, Unsupported = max 0,6m

» Load diagrams self-supporting length



» Layout of the chain



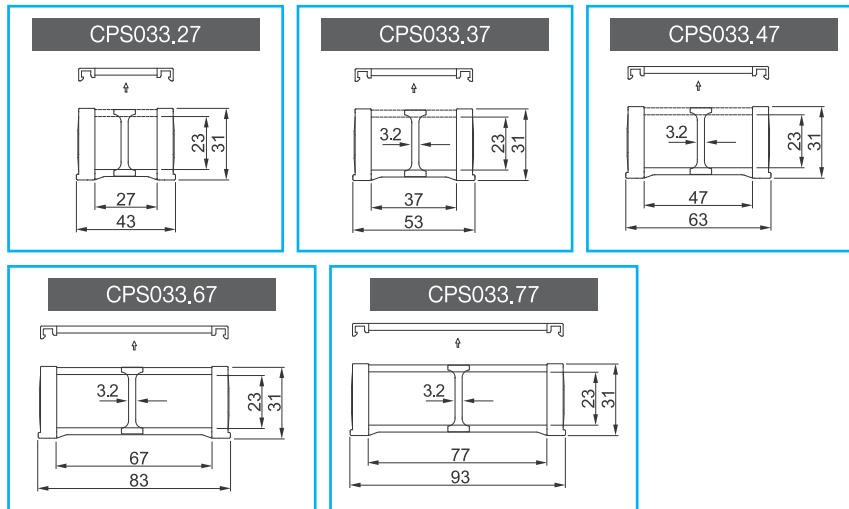
Bending Radius (R)	Lp Loop Length	Lf Loof Projection	H Moving Height
35	242	117	101
45	274	127	121
75	368	157	181
100	446	182	231
120	509	202	271

(Dimensions in mm)

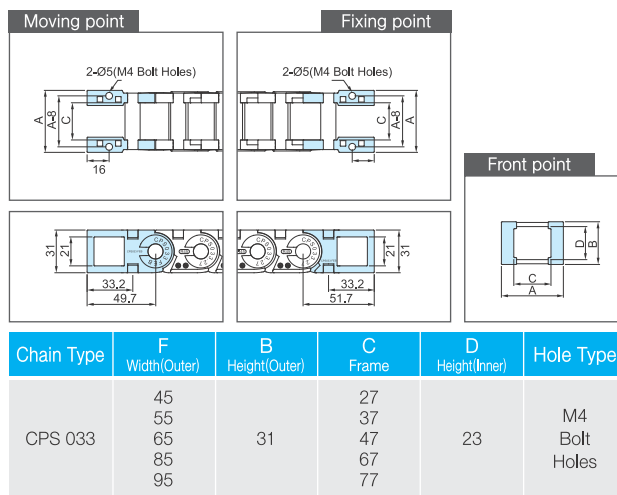


» Chain cross section

(Dimensions in mm)

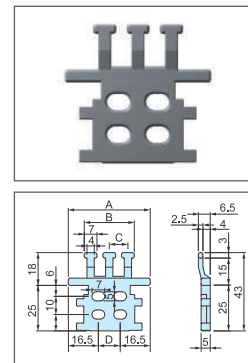


» Easy end bracket



(Dimensions in mm)

» Tie wrap (TW)



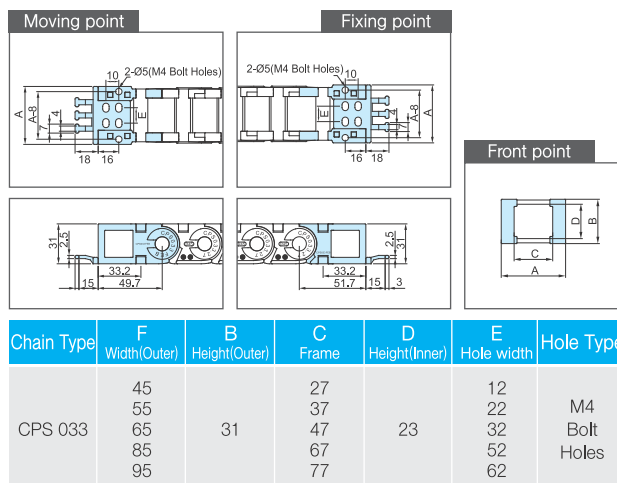
Tie wrap prevents cut off problem of the cable by the twisting and pulling movement.

The tie wrap of this CPS CABLE Chain has two types, separated with bracket type and attached with bracket type.

Chain Type	Ordering No.	A	B	C	D
CPS 033	S-TW033/20CR,27	45,0	27,5	10,20	12,0
	S-TW033/20CR,37	55,0	41,0	8,50	22,0
	S-TW033/20CR,47	65,0	48,0	10,40	32,0
	S-TW033/20CR,67	85,0	68,0	10,00	52,0
	S-TW033/20CR,77	95,0	78,0	8,87	62,0

(Dimensions in mm)

» Easy end bracket (Tie wrap type)



(Dimensions in mm)

