



CPS CABLECHAIN

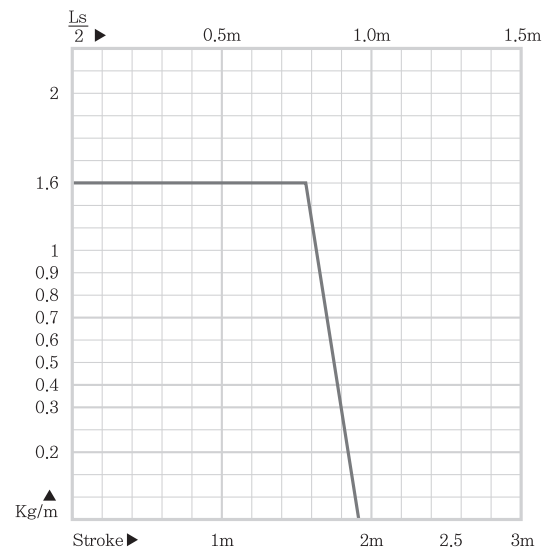
Using Material of High Quality!

CPS 033 MINI Type

Min ●●●● Max

MATERIAL

- **Chain material :**
CPS-polyamide with glass fiber reinforced, UL94-HB
- **Low Noise :** 40 dB (DIN EN 61672-1)
- **Speed :** 10m / sec
- **Temperature :** -30°C ~ +130°C
- **Other installation Length**
Vertical curve above= max 1.5m
Vertical curve below= max 10m
Side Mounted, Unsupported= max 0.6m
- **Applications :**
Gantry robot, Machining center,
Textile machine, Welding machine, Feeder unit,
Assembly loader, Wood work machine, Fabric machine.
- **Load diagrams**
self-supporting length :



- **Calculation of the chain length**

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

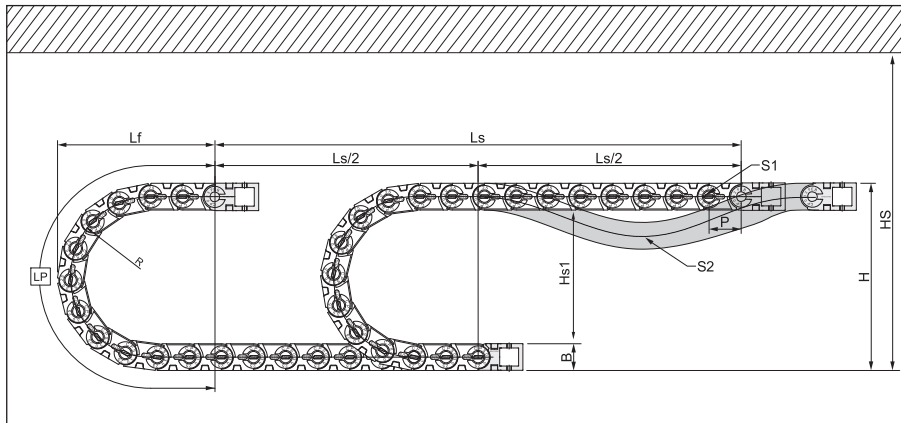


CPS CABLECHAIN



CPS 033 MINI Type

LAYOUT OF THE CHAIN



Ls: Stroke

Lp: Loop Length

Lf: Loop Projection

Hs: Safe Space

CPS 033 Type

Pitch P: 33mm

Height B: 31mm

Height H: $2R+B$ mm

$Hs \leq H+30$ mm

$Hs1 \leq -30$ mm

(Dimensions in mm)

Bending radius R	35	45	75	100	120
Lp	242	274	368	446	509
Lf	117	127	157	182	202
H	101	121	181	231	271

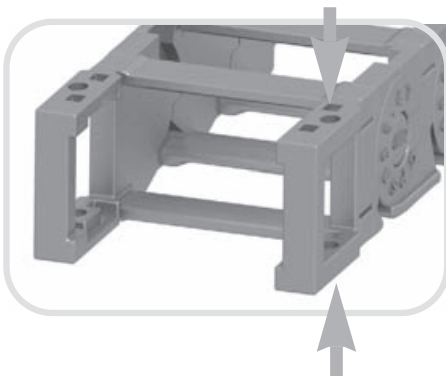
ORDERING (주문방법)

CPS 033 . 37. R75 / E - 900L : 10ST

주문수량	Q' ty(set)
체인길이	Length(mm)
브라켓타입	Bracket Type (B1, B2, B3)
곡률반경	Bending Radius (R)
내폭	Inside Width

CPS CABLE Chain

BRAKET TYPE (브라켓타입)



EEB (Easy End Bracket)

The fixing end part of cable chain which improve the efficiency of mounting condition by unifying the existing Easy End Bracket and Normal End Bracket.

체인을 고정하는 끝부분으로 기존 Easy End Bracket 과 Normal End Bracket 을 하나로 통합한 방식으로 취부의 효율성을 높임.

▶ Above products are patent registered item which can be protected by industrial property right. (상기제품은 특허등록 제품으로 산업재산권의 보호를 받는 제품입니다.)

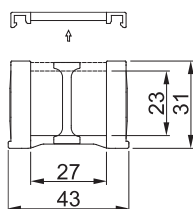


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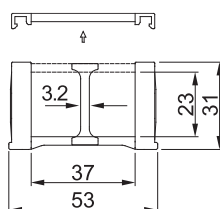
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CPS 033 MINI Type

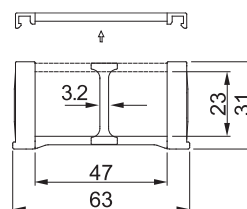
CHAIN CROSS SECTION



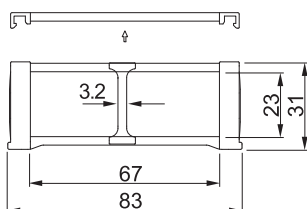
CPS033.27 Type



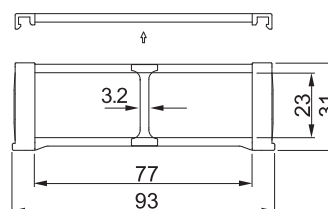
CPS033.37 Type



CPS033.47 Type

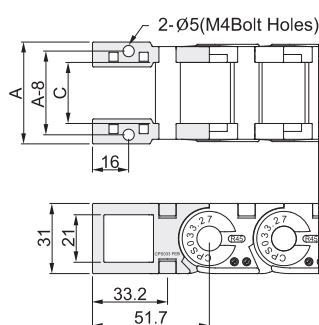


CPS033.67 Type

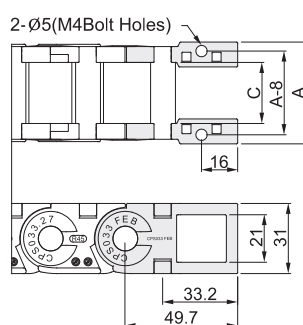


CPS033.77 Type

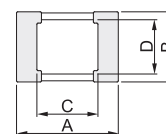
END BRACKET - Easy Type



CPS033 Fixing point



CPS033 Moving point



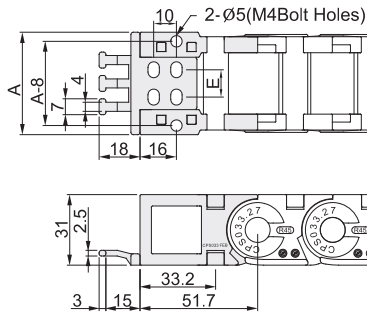
CPS033 Front point

Chain Type	F	B	C	D	Hole Type
CPS 033.27	45		27		M4 Bolt Holes
CPS 033.37	55		37		
CPS 033.47	65	31	47	23	
CPS 033.67	85		67		
CPS 033.77	95		77		

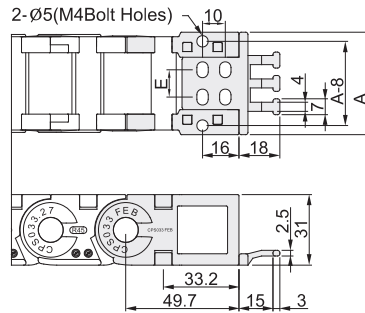
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CPS 033 MINI Type

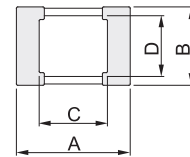
EASY END BRACKET - Tie wrap connction



CPS033 Fixing point



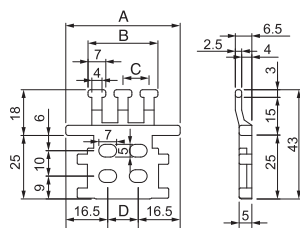
CPS033 Moving point



CPS033 Front point

Chain Type	F	B	C	D	E	Hole Type
CPS 033.27	45	31	27	23	12	M4 Bolt Holes
CPS 033.37	55		37		22	
CPS 033.47	65		47		32	
CPS 033.67	85		67		52	
CPS 033.77	95		77		62	

TIE WRAP



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.

Tie Wrap은 케이블체인의 브라켓을 기준으로 설치함으로써 체인의 움직임으로 인해 체인내의 케이블이나 호스가 당겨져 단선되는 경우를 방지할 수 있다.

CPS CABLE Chain의 Tie Wrap은 브라켓부분과 근접해서 사용할 수 있는 사양과 브라켓에 결합해서 사용할 수 있는 사양으로 구분되어 사용할 수 있다.

	27	37	47	67	77
A	45.0	55.0	65.0	85	95
B	27.5	41.0	47.9	67.9	77.9
C	10.2	8.5	10.4	10	8.8
D	12.0	22.0	32.0	52	62