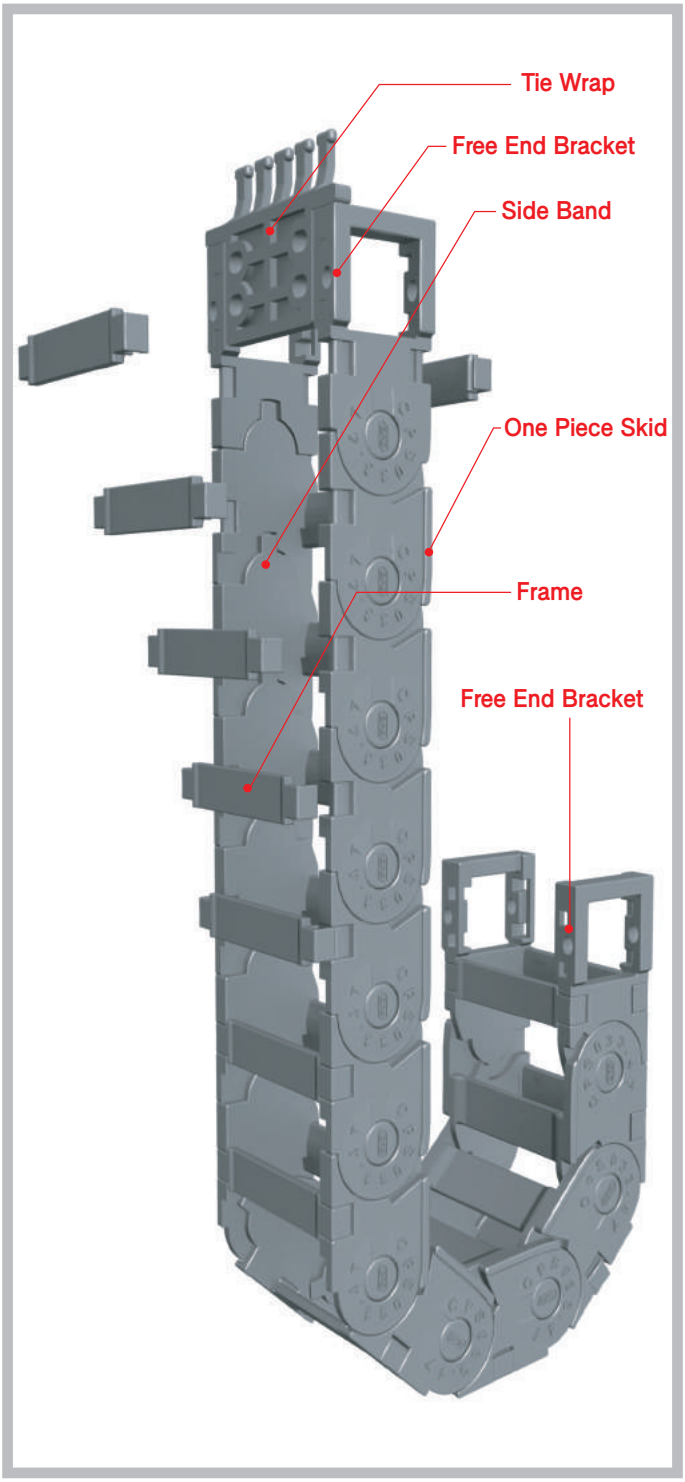
CPS 033 | Mini Type



■ Chain material
: CPS-amide, UL94-HB

■ Low Noise
: 40dB (DIN EN 61672-1)

■ Speed
: 3m / sec

■ Acceleration
: 10m / s^2

■ Temperature
: -30℃ ~ +130℃

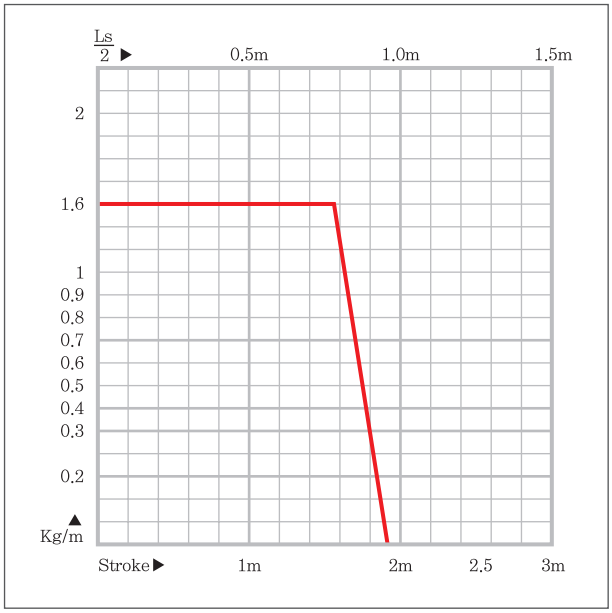
■ Calculation of the chain length

$$[\ L = \frac{Ls}{2} + Lp\ ]$$

■ Other Installation Length
: Vertical curve above = max 1.5m
Vertical curve below = max 10m
Side Mounted, Unsupported = 0.6m

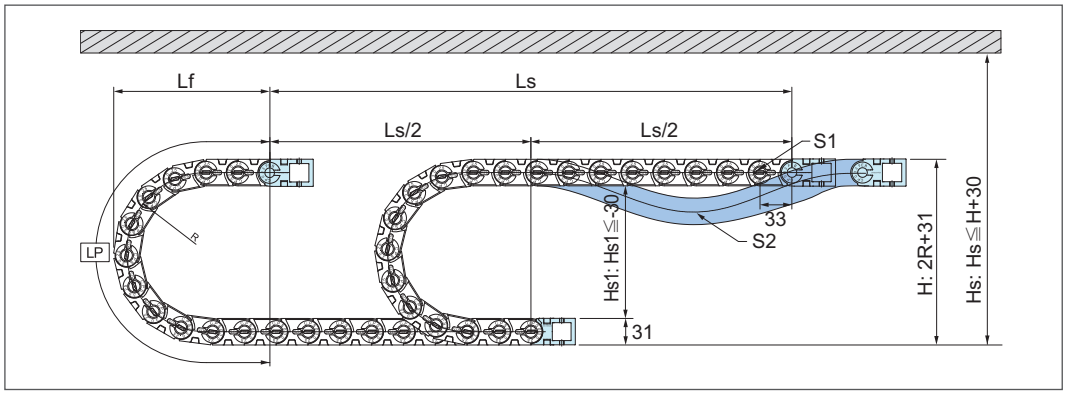
■ Applications
: Gantry robot, Machining conter, Textile machine, Welding machine, Feeder unit, Assembly loader, Wood work machine, Fabric machine.

LOAD DIAGRAMS SELF-SUPPORTING LENGTH



LAYOUT OF THE CHAIN

Ls: Stroke Hs: Safe Space

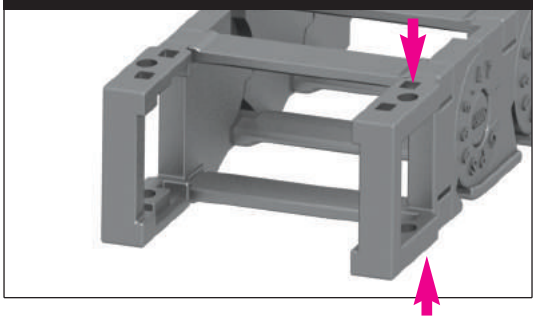


Bending Radius (R)	Lp Loop Length	Lf Loof Projection	H Moving Height
35	242	117	101
45	274	127	121
75	368	157	181
100	446	182	231
120	509	202	271

(Dimensions in mm)

BRACKET TYPE

Easy End Bracket (EEB)



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.

! Above products are patent registered item which can be protected by industrial property right.

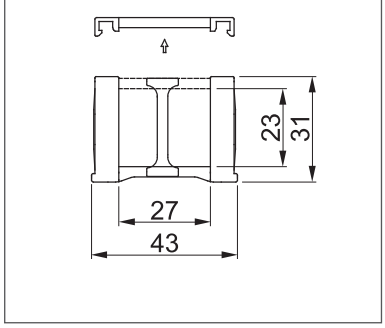
ORDERING

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

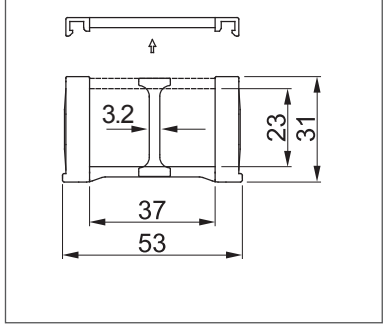
- Q'ty(set)
- Length(mm)
- Bracket Type
  - E : Easy End Bradket
  - T : Tie Wrap
- Bending Radius
- Inside Width
- CPS CABLECHAIN

CHAIN CROSS SECTION

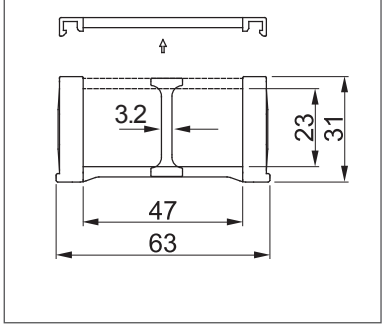
CPS033.27



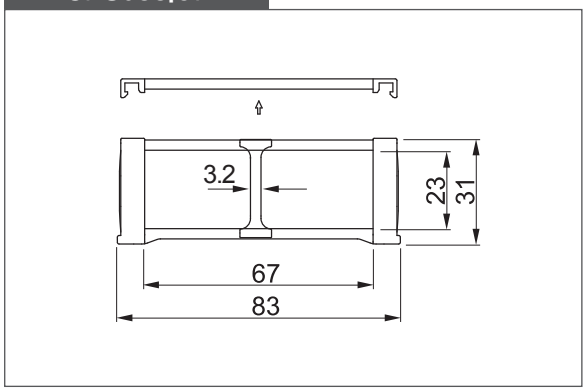
CPS033.37



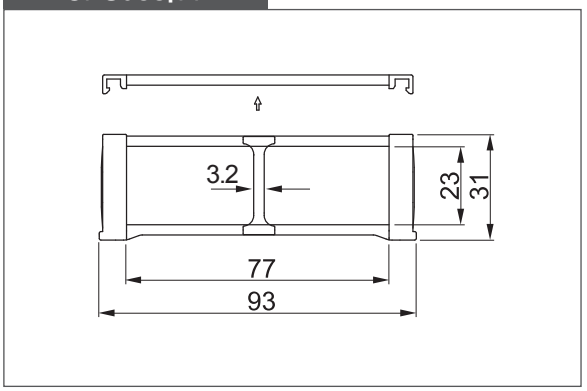
CPS033.47



CPS033.67



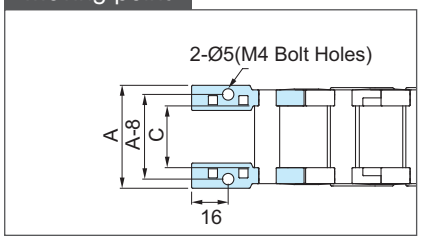
CPS033.77

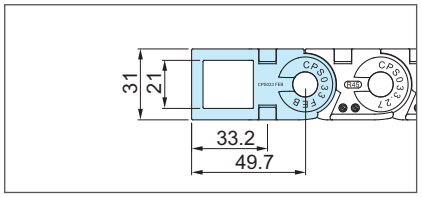


(Dimensions in mm)

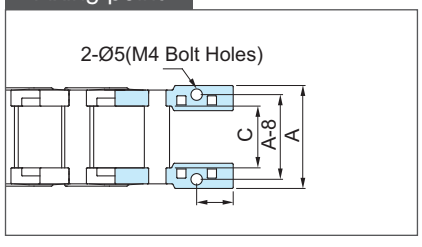
END BRACKET (Easy Type)

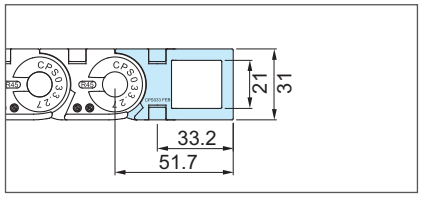
Moving point



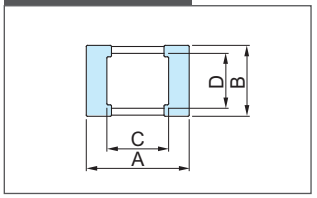


Fixing point





Front point

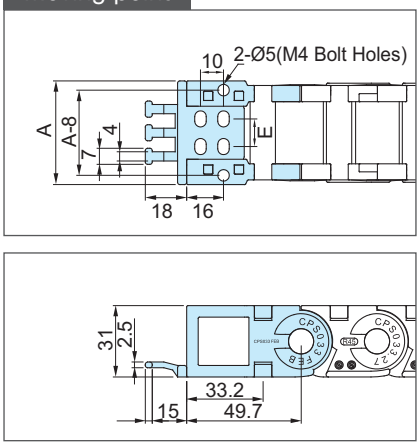


Chain Type	F Width (Outer)	B Height (Outer)	C Frame	D Height (Inner)	Hole Type
CPS 033	45 55 65 85 95	31	27 37 47 67 77	23	M4 Bolt Holes

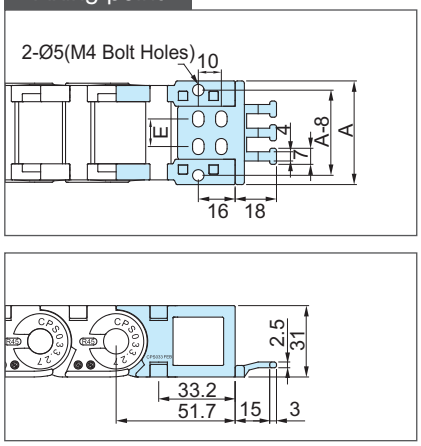
(Dimensions in mm)

END BRACKET (Tie Wrap Type)

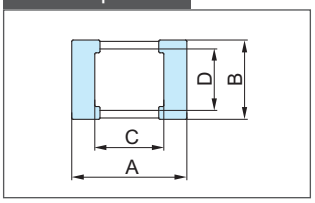
Moving point



Fixing point



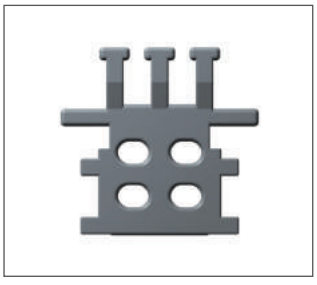
Front point

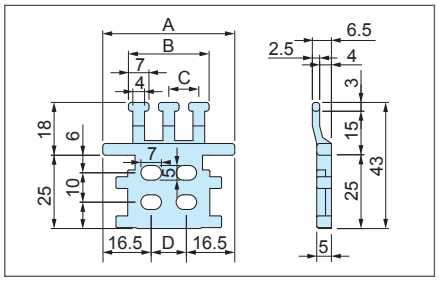


Chain Type	F Width (Outer)	B Height (Outer)	C Frame	D Height (Inner)	E Hole Width	Hole Type
CPS 033	45 55 65 85 95	31	27 37 47 67 77	23	12 22 32 52 62	M4 Bolt Holes

(Dimensions in mm)

TIE WRAP (TW)





Chain Type	Ordering NO.	A	B	C	D
CPS 033	TW02.027 TW02.037 TW02.047 TW02.067 TW02.077	45 55 65 85 95	27.5 41.0 48.0 68.0 78.0	10.20 8.50 10.40 10.00 8.87	12 22 32 52 62

(Dimensions in mm)

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.