


# Flat Belt Conveyors, Low Profile

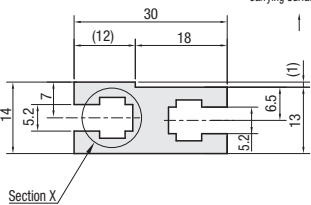
## Center Drive, 1-Slot Frame (Pulley Dia. 15mm)

■ **Features:** Very low profile conveyor with pulley diameter of 15mm; installable in limited space such as discharge section of a pressing machine.

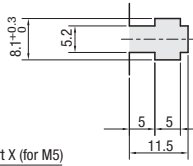


	Frame	Motor Cover ①	Motor Cover ②	Pulley Holder
<b>M</b> Material	Aluminum	Aluminum	SPCC	Aluminum
<b>S</b> Surface Treatment	Clear Anodize	Paint	Paint	Paint

Frame Cross Section and Enlarged View



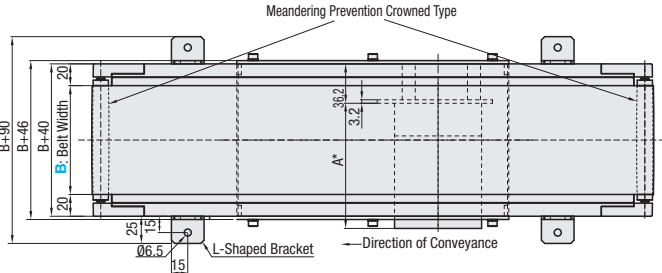
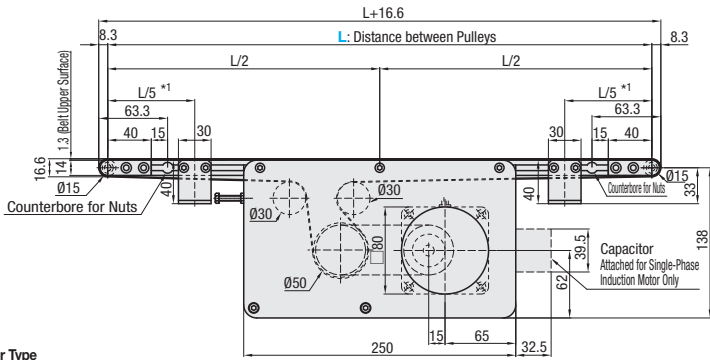
Section X



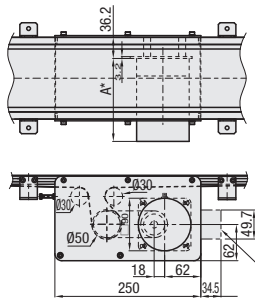
Part X (for M5)

CVLPA

25W Motor Type

**40W Motor Type**



⚠ When  $L \geq 1055$ , four (4) L-shaped brackets are attached to the positions indicated with \*1 to prevent deflection of belt conveyor. Make sure to install the conveyor so that load of the conveyor is sustained at the positions of the L-shaped brackets. If the load of the conveyor cannot be sustained by the L-shaped brackets, deflection may become larger, resulting in a functional problem.

⚠ Note that even when the L-shaped brackets receive the load of the conveyor, some deflection about 3mm at most will occur.

⚠ If the dimensions of L-shaped bracket do not fit the conditions for installation, use the stand for a better arrangement.

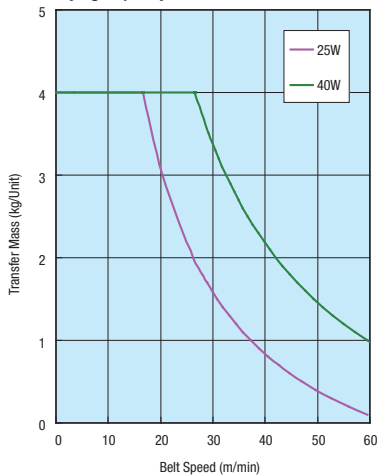
⚠ Attach L-shaped brackets so that a pitch between the bracket and the end pulley will not exceed 400mm, and a pitch at the position where supports are provided on both ends, will not exceed 1200mm in order to sustain the load.

\* Each slot has 4 pre-inserted nuts provided.  
 \* Capacitor is included with single-phase induction motors only.  
 ⚠ The dimensions in the diagram is for Belt Specifications H (0.9mm THK). Take note that belt thickness varies by Belt Specifications. For Belt Specifications, see P.1279-.

### ■ A Dimension Details

Output (W)	Motor		Reduction Ratio	A
	Specification	Manufacturer		
25W	Induction Motor	Panasonic Motor	5~180	115.0
		Oriental Motor	5~18	117.0
			25~180	127.5
			5~75	129.0
		Taiwanese Motor	90~180	136.0
			5~18	127.0
	Variable Speed Motor	Oriental Motor	25~180	137.5
			5~75	139.5
		Taiwanese Motor	90~180	146.5
			5~180	142.0
40W	Induction Motor	Panasonic Motor	5~180	142.0
		Oriental Motor	5~18	147.0
			25~180	165.0
			5~75	161.6
		Taiwanese Motor	90~180	170.6
			5~18	157.0
	Variable Speed Motor	Oriental Motor	25~180	175.0
			5~75	172.1
		Taiwanese Motor	90~180	181.1

### ■ Conveying Capacity



### ■ Gearhead Reduction Ratio

\*May decrease depending on load condition.

Gearhead Reduction Ratio	Belt Speed (m/min)	
	50Hz	60Hz
5	47.1	56.5
7.5	31.4	37.7
9	26.2	31.4
12.5	18.8	22.6
15	15.7	18.8
18	13.1	15.7
25	9.4	11.3
30	7.9	9.4
36	6.5	7.9
50	4.7	5.7
60	3.9	4.7
75	3.1	3.8
90	2.6	3.1
100	2.4	2.8
120	2.0	2.4
150	1.6	1.9
180	1.3	1.6