## **Flat Belt Conveyors**



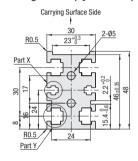
Center Drive, 3-Groove Frame (Pulley Dia. 50mm)

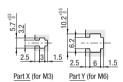
Features: A Flat Belt Conveyor with drive section repositionable. Belt tension can be adjusted at the center drive section, and the overall length does not change even after the above tension adjustment is performed. With the addition of tapped holes for pulley holders, mounting of optional parts becomes easier than that with CVSP.



	Frame	Motor Cover (1)	Motor Cover (2)	Pulley Holder
Material	Aluminum	Aluminum	SPCC	Aluminum
S Surface Treatment	Clear Anodize	Paint	Paint	Paint

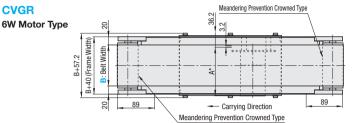
### Frame Cross Section and **Enlarged View (Symmetrical)**

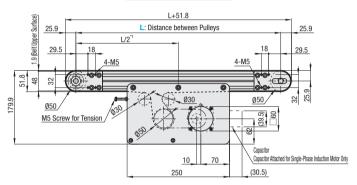




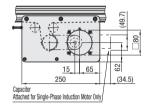
Compatible with JIS standard hex nuts. On some operating environments, conveyance failure may occur.

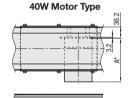
### **CVGR**

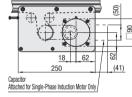




# 25W Motor Type



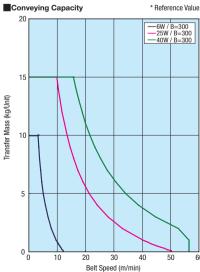




- \*1. The drive section can be moved to a desired position within the aluminum extrusion slots.
- \*2. When L≥485, each slot has four (4) nuts inserted. When counterbores for inserting nuts are required, so specify in form of alteration ordering.
- The dimensions in the diagram is for Belt Specification H (0.9mm THK.). Note that belt thickness varies by Belt Specifications. For Belt Specifications, see P.1313~.

#### \*A Dimension (Motor Overall Length) Details

Output	Motor		Reduction	Α
(W)	Specification	Manufacturer		
	Induction Motor	Panasonic	5~25	101.0
			30~180	108.0
		Oriental	5~25	105.0
			30~180	115.0
6W		Taiwanese	5~75	114.7
OW			90~180	120.7
	Variable Speed Motor	Oriental	5~25	115.0
			30~180	125.0
		Taiwanese	5~75	126.9
			90~180	132.9
	Induction Motor	Panasonic	5~180	115.0
		Oriental	5~18	117.0
			25~180	127.5
25W		Taiwanese	5~75	129.0
			90~180	136.0
	Variable Speed Motor	Oriental	5~18	127.0
			25~180	137.5
		Taiwanese	5~75	139.5
			90~180	146.5
40W	Induction Motor	Panasonic	5~180	142.0
		Oriental	5~18	147.0
			25~180	165.0
		Taiwanese	5~75	161.6
			90~180	170.6
	Variable Speed Motor	Oriental	5~18	157.0
			25~180	175.0
		Taiwanese	5~75	172.1
		idiwdflese	90~180	181.1



### Gearhead Reduction Ratio

May decrease depending on load condition.

Gearhead	Belt Speed (m/min)		
Reduction Ratio	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	