

Flat Belt Conveyors

With Meandering Prevention Crosspiece, Center Drive, 3-Groove Frame (Pulley Dia. 50mm)

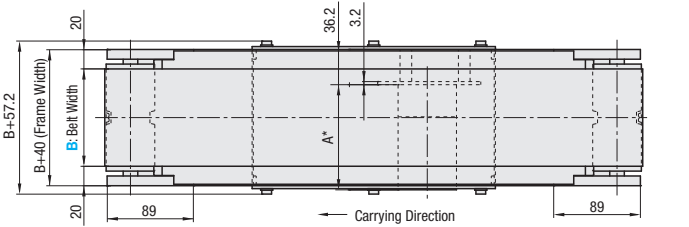
Dedicated web site <http://fa.misumi.jp/cvs/>

Conveyor selecting, component purchases, and easy search for maintenance parts are available.

■ Features: The conveyor maintains good running straightness by the use of meandering prevention crosspiece to suppress lateral force induced meandering. With the addition of tapped holes for pulley holders, mounting of optional parts becomes easier than that with CVS.

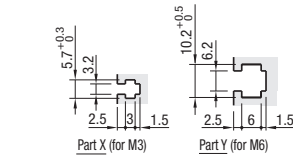
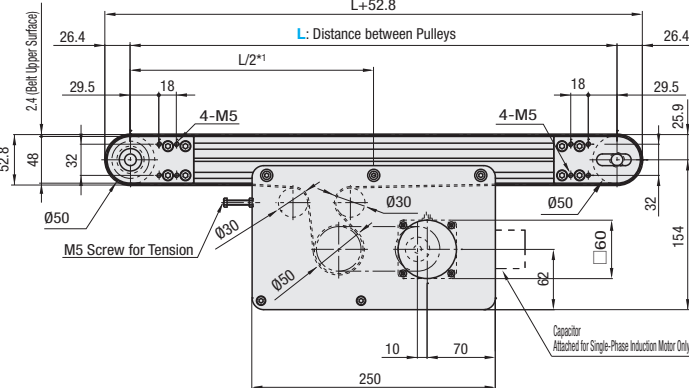
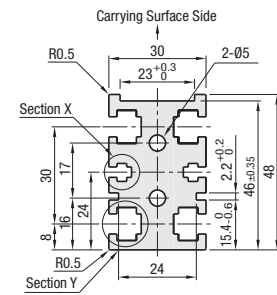


CVGW 6W Motor Type

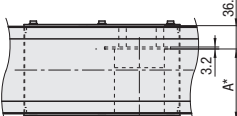


	Frame	Motor Cover ①	Motor Cover ②	Pulley Holder
Material	Aluminum	Aluminum	SPCC	Aluminum
Surface Treatment	Clear Anodize	Paint	Paint	Paint

Frame Cross Section and Enlarged View (Symmetrical)



25W Motor Type



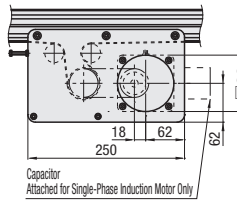
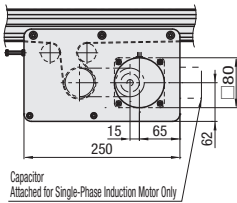
40W Motor Type



*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 pre-inserted. When counterbores for the nuts are required, please specify in alterations.

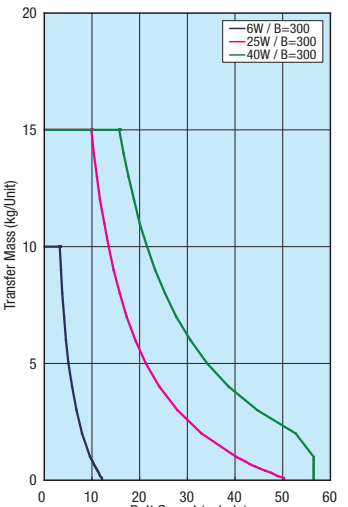
⚠ The dimensions in the diagram is for Belt Specifications H (0.8mm THK.). Take note that belt thickness varies by Belt Specifications. For Belt Specifications, see P.1279.

⚠ Compatible with JIS standard hex nuts.



Output (W)	Motor Specification	Motor Manufacturer	Reduction Ratio	A
				mm
6W	Induction Motor	Panasonic	12.5-25	101.0
		Oriental	30-180	108.0
		Taiwanese	12.5-25	105.0
	Variable Speed Motor	Oriental	30-180	115.0
		Taiwanese	12.5-75	114.7
		Taiwanese	90-180	120.7
25W	Induction Motor	Panasonic	5-18	115.0
		Oriental	5-18	117.0
		Taiwanese	25-180	127.5
	Variable Speed Motor	Oriental	5-75	129.0
		Taiwanese	90-180	136.0
		Taiwanese	5-18	127.0
40W	Induction Motor	Panasonic	5-18	142.0
		Oriental	5-18	147.0
		Taiwanese	25-180	165.0
	Variable Speed Motor	Oriental	5-75	161.6
		Taiwanese	90-180	170.6
		Taiwanese	5-18	157.0

Conveying Capacity



Gearhead Reduction Ratio

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

Part Number	B 1mm Increment	L 5mm Increment	Motor			Gearhead Reduction Ratio	Belt Specification	Motor Manufacturer Selection
			Output (W)	Voltage (V)	Specification			
CVGW	50-300	385-2000	6 25 40	TA115 (Single-phase)	IM (Induction Motor) SCM (Variable Speed Motor)	5 7.5 9 12.5 15 18 25 30 36 50 60 75 90 100 120 150 180	H (General Purpose, Green) W (General Purpose, White) G (For Sliding, Green) S (For Sliding, White) D (For Electronic Parts Transfer) O (Oil Resistant) N (Non-adhesive) J (No Belt)	A (Panasonic Motor) B (Oriental Motor) C (Taiwanese Motor)
			25 40	SA220 (3-Phase) SA230 (3-Phase)	IM (Induction Motor)	⊗ 5-9 not applicable for 6W Motor	*SCM (Variable Speed Motor) is not selectable for A.	
			6 25 40	NV (No Motor)	NM (No Motor)	NH (No Gearhead)	R (No Motor, Gearhead)	

⚠ Connect the motor so that the belt rotates in the direction of conveyance. For connection diagram, and details of motor, see P.1267 onward.
⚠ When "No motor, gearhead" is selected, the motor mounting hole pitch will vary depending on the motor's power rating. Please see Technical Information in our Conveyor Selection web site for the dimension details.
⚠ When "No motor, gearhead" is selected, this unit will be delivered unassembled. The customer is to assemble the unit according to the included assembly instructions. See our Conveyor Selection site for assembly procedures and packaging details.
⚠ Note that warpage might occur in belts with meandering prevention crosspiece depending on the number of piles (thickness).

Belt Specification	Standard Belt (Body Price Only)	Optional Belt 1	Optional Belt 2	No Belt
General Purpose	H (Green), W (White)	-	-	J (No Belt)
For Sliding	G (Green), S (White), SN (White)	-	-	
For Inclined Transfer	-	-	-	
Grip Type	-	-	GG (Green), GW (White)	
Oil Resistant	O (Green)	OW (White)	-	
Non-adhesive	N (White)	NB (Sky Blue), NBG (Lime Green) HH (Green), HW (White)	-	
For Food Transfer	-	KW (White), KSB (Sky Blue), PHB (Sky Blue)	-	
For Electronic Parts Transfer	D (Black)	-	-	

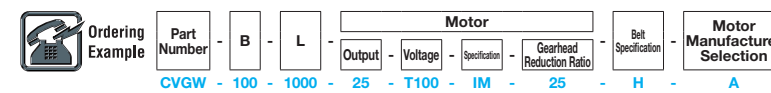
⚠ For flat belt details, see P.1279 onward.
⚠ In case of selecting Optional Belts, please select motor manufacturer A or B (Motor C is applicable for Standard Belt only).

Part Number	B	Body Price 1 - 2 pc(s).																	
		L385-400	L405-500	L505-600	L605-700	L705-800	L805-900	L905-1000	L1005-1100	L1105-1200	L1205-1300	L1305-1400	L1405-1500	L1505-1600	L1605-1700	L1705-1800	L1805-1900	L1905-2000	
CVGW	50-100																		
	110-150																		
	160-200																		
	210-250																		
	260-300																		

⚠ For orders larger than indicated quantity, please check with WOS.

Motor Spec. Price	Motor Output/Specification	A (Panasonic Motor)	B (Oriental Motor)	C (Taiwanese Motor)	R (No Motor, Gearhead)
6W	IM				
25W	IM				
40W	SCM				

Belt Spec. Price	Standard Belt	Optional Belt 1	Optional Belt 2	No Belt



Ex.) For No Belt: CVGW-100-1000-25-T100-IM-25-H-A
 Ex.) For Optional Belt 2: CVGW-100-1000-25-T100-SCM-25-HY-B
 Ex.) For No Motor, Gearhead: CVGW-100-1000-25-NV-NM-NH-H-R

➔ Body Price + Motor, Belt Spec. Price = Unit Price

- Alterations
- Specify Drive Section Position
- Additional Counterbores
- Roller Edge
- Motor Cover with Window
- Brackets for Speed Controller Included
- Post-Assembly Insertion Nuts Included
- Motors with Electromagnetic Brake
- Stands (Legs)

For details of alterations, see P.1264 onward.