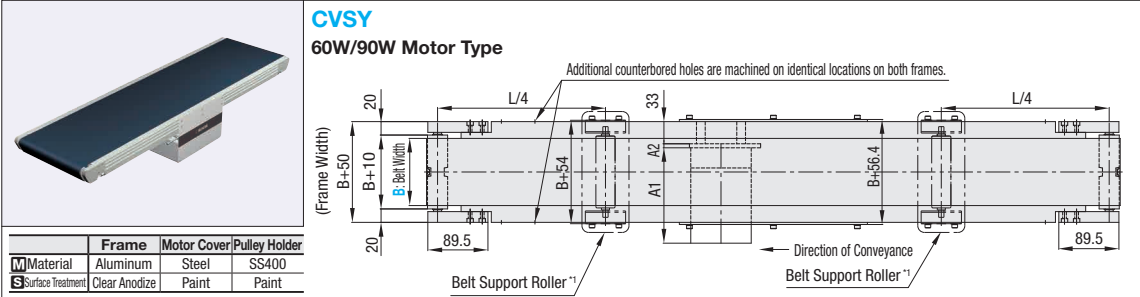


Flat Belt Conveyor High Power Type

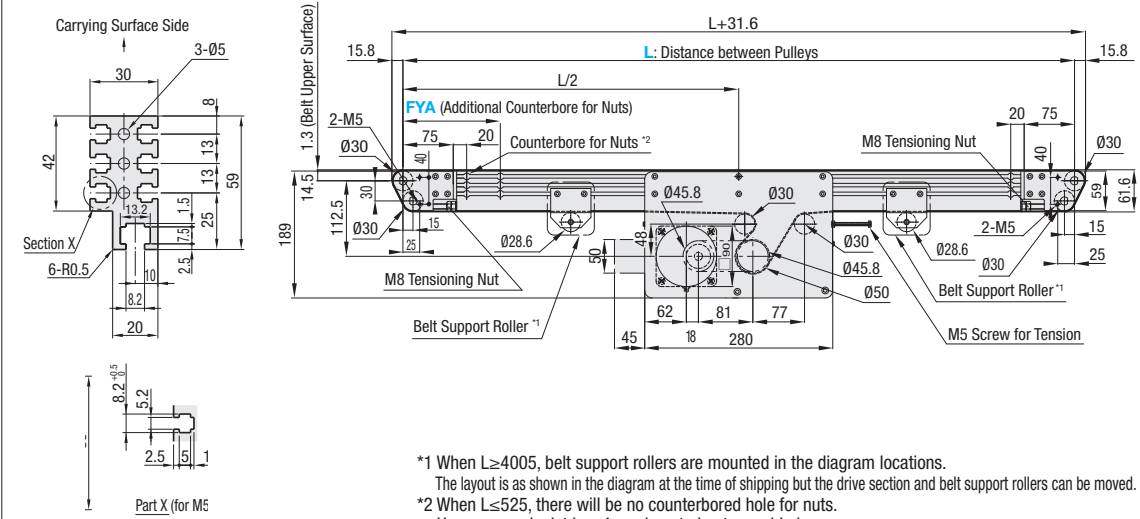
With Meandering Prevention Crosspiece, Center Drive, 3-Groove Frame (Pulley Dia. 30mm)

Dedicated web site <http://fa.misumi.jp/cvs/>
 Conveyor selecting, component purchases, and easy search for maintenance parts are available.

Features: Up to 90W, Medium distance (up to 6m) transfer suited conveyor. The belt with crosspiece prevents meandering, and the center drive is suitable for "Conveyor to Conveyor" transfer.



Frame Cross Section and Enlarged View (Symmetrical)

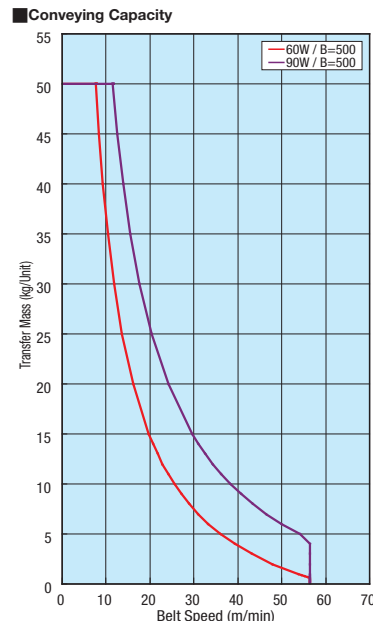


*1 When $L \geq 4005$, belt support rollers are mounted in the diagram locations. The layout is as shown in the diagram at the time of shipping but the drive section and belt support rollers can be moved.
 *2 When $L \leq 525$, there will be no counterbored hole for nuts. However, each slot has 4 pre-inserted nuts provided.

Compatible with JIS standard hex nuts.

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~.

Dimension Details		Motor	Reduction Ratio	A1	A2
Output (W)	Specification	Manufacturer			
60W	Induction Motor	Panasonic	5~180	180.0	6
		Oriental	5~180	185.0	
		Taiwanese	5~75	182.6	
	Variable Speed Motor	Oriental	5~180	215.0	
		Taiwanese	5~75	194.6	
		Taiwanese	90~180	203.6	
90W	Induction Motor	Panasonic	5~180	195.0	6
		Oriental	5~180	200.0	
		Taiwanese	5~75	195.6	
	Variable Speed Motor	Oriental	5~180	230.0	
		Taiwanese	5~75	209.6	
		Taiwanese	90~180	218.6	



*Reference Value may differ by selected Belt.

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

Part Number	B Selection	L 5mm Increment	Motor			Belt Specification	FYA (Additional Counterbores) 5mm Increment	Motor Manufacturer Selection	
			Output (W)	Voltage (V)	Specification				Gearhead Reduction Ratio
CVSY	100 200 300 400 500	480~6000	60 90	TA115	IM (Induction 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)	105<FYA<L-105 *When not specified, there will be no additional counterbores.	A (Panasonic Motor) B (Oriental Motor) C (Taiwanese Motor) *SCM (Variable Speed Motor) is not selectable for A.
					SCM (Variable Speed Motor)				
			SA220 SA230	IM (Induction Motor)	NH (No Gearhead)	R (No Motor, Gearhead)			
				NV (No Motor)			NM (No Motor)		

Connect the motor so that the belt rotates in the direction of conveyance. For connection diagram, and details of motor and inverter, see P.1267 onward. When $L \geq 2005$, customers are to assemble.
 Workpiece weighing over 10kg/unit might deform belt base plate.

When the unit length (L dim.) is 2000mm or less, this will be delivered complete. For a unit over 2000mm, the frame is delivered in sections and the customer is to assemble according to the included assembly instructions. The assembly procedure manual can also be downloaded from our Conveyor Selection web site.

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 meandering prevention crosspiece belts depending on the number of plies (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)	-	-	
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.

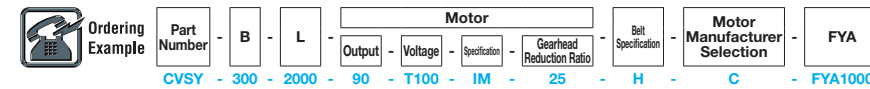
In case of selecting Optional Belts, please select motor manufacturer A or B (Motor C is applicable for Standard Belt only).

Part Number	B	Body Price 1 ~ 2 pc(s).																							
		L480-600	L605-800	L805-1000	L1005-1200	L1205-1400	L1405-1600	L1605-1800	L1805-2000	L2005-2200	L2205-2400	L2405-2600	L2605-2800	L2805-3000	L3005-3250	L3255-3500	L3505-3750	L3755-4000	L4005-4250	L4255-4500	L4505-5000	L5005-5500	L5505-6000		
CVSY	100																								
	200																								
	300																								
	400																								
	500																								

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)
			60W	IM		
90W	SCM					

Belt Spec. Price	Standard Belt	Optional Belt 1	Optional Belt 2	No Belt
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Ex.) For No Belt: CVSY-100-1000-60-T100-SCM-25-J-F300-B →
 Ex.) For Optional Belt 2: CVSY-100-1000-60-T100-SCM-25-HY-F300-B → Body Price + Motor, Belt Spec. Price = Unit Price
 Ex.) For No Motor, Gearhead: CVSY-100-1000-60-NV-NM-NH-H-F300-R →

Specify Drive Section Position
 Brackets for Speed Controller Included
 Post-Assembly Insertion Nuts Included
 Motors with Electromagnetic Brake
 Stands (Legs)

For details of alterations, see P.1264 onward.