


# Flat Belt Conveyor Short Length Type

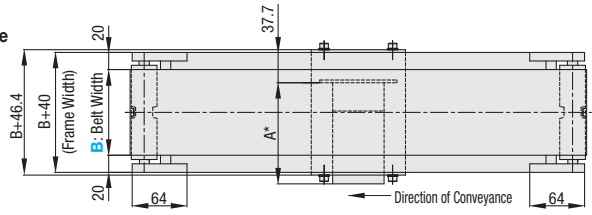
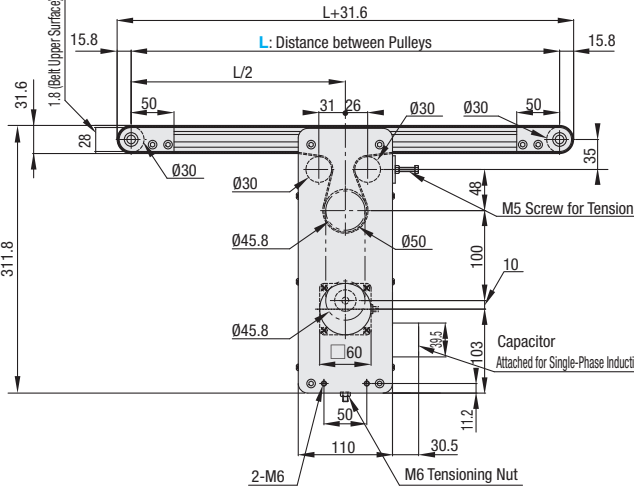
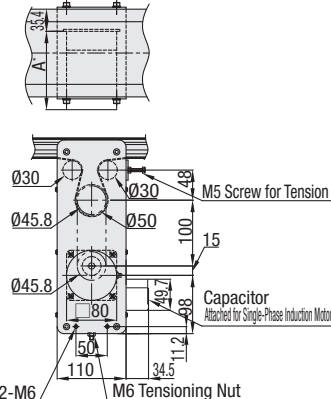
## With Meandering Prevention Crosspiece, Center Drive, 2-Groove Frame (Pulley Dia. 30mm)

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

**Features:** A short length type suitable for inter-connection between conveyors and process sections. Meandering is suppressed by Crosspiece integrated belt.



**CVSJA**  
6W Motor Type

**6W Motor Type**

**25W Motor Type**

Part X (for M3) Part Y (for M6)

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 P1279-.

	Frame	Motor Cover	Pulley Holder
M Material	Aluminum	Steel	Aluminum
S Surface Treatment	Clear Anodize	Paint	Clear Anodize

Part Number	B 10mm Increment	L 5mm Increment	Motor				Belt Specification	Motor Manufacturer Selection
			Output (W)	Voltage (V)	Specification	Gearhead Reduction Ratio		
CVSJA	50~300	220~600	6	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) *SCM (Variable Speed Motor) is not selectable for A.
			25	SA220 (3-Phase) SA230 (3-Phase)	IM (Induction Motor)	⊗ 5-9 not applicable for 6W Motor		
			6 25	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 and inverter, 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 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).														
		L220-250	L255-275	L280-300	L305-325	L330-350	L355-375	L380-400	L405-425	L430-450	L455-475	L480-500	L505-525	L530-550	L555-575	L580-600
CVSJA	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 25W	IM				
		SCM				

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

**Ordering Example**

Part Number - B - L - Motor - Belt Specification - Motor Manufacturer Selection

CVSJA - 100 - 500 - 25 - T100 - IM - 25 - H - C

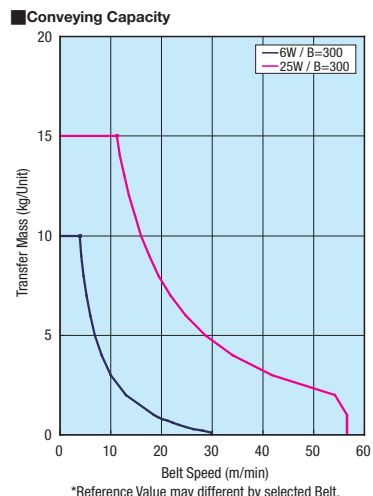
Ex.) For No Belt  
 Ex.) For Optional Belt 2  
 Ex.) For No Motor, Gearhead

CVSJA-100-500-25-T100-SCM-25-J-B  
 CVSJA-100-500-25-T100-SCM-25-HY-B  
 CVSJA-100-500-25-NV-NM-NH-H-R

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

**\* A Dimension Details**

Output (W)	Motor Specification	Manufacturer	Reduction Ratio	A
6W	Induction Motor	Panasonic	12.5~25	101.0
			30~180	108.0
		Oriental	12.5~25	105.0
			30~180	115.0
		Taiwanese	12.5~75	117.0
			90~180	124.0
	Variable Speed Motor	Oriental	12.5~25	115.0
			30~180	125.0
		Taiwanese	12.5~75	129.4
			90~180	136.4
25W	Induction Motor	Panasonic	5~180	115.0
			5~18	117.0
		Oriental	25~180	127.5
			5~75	129.0
		Taiwanese	90~180	136.0
			5~18	127.0
	Variable Speed Motor	Oriental	25~180	137.5
			5~75	139.5
		Taiwanese	90~180	146.5



**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

**Alterations**

Specify Drive Section Position  
 Brackets for Speed Controller Included  
 Post-Assembly Insertion Nuts Included

For details of alterations, see P.1264 onward.