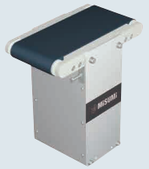
Guided Flat Belt Conveyor Short Length Type

Guided Belt to Prevent Lateral Movement, Center Drive, 2-Groove Frame (Pulley Dia. 30mm)

CE Compliant

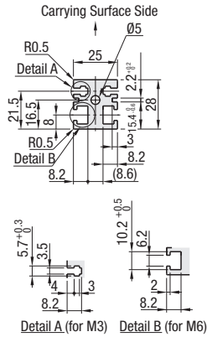
Features: A short length type suitable for inter-connection between conveyors and process sections. The belt with the guide prevents lateral movement.

Guided Flat Belt Conveyor Short Length Type – Guided Belt to Prevent Lateral Movement, Center Drive, 2-Groove Frame (Pulley Dia. 30mm)



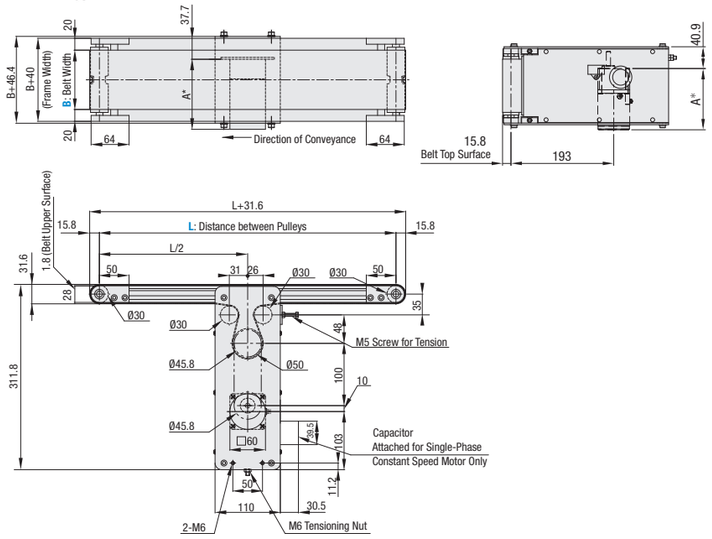
	Frame	Motor Cover	Pulley Holder
Material	Aluminum	Steel	Aluminum
Surface Treatment	Clear Anodize	Paint	Clear Anodize

Frame Cross Section and Enlarged View (Symmetrical)

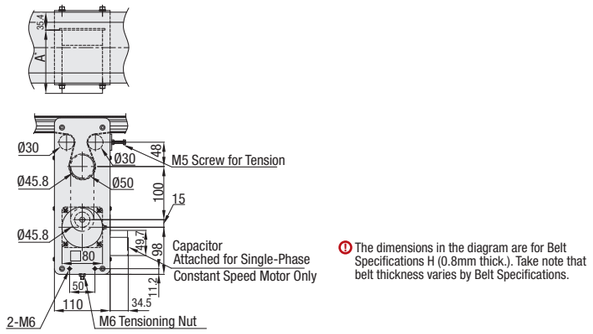


Compatible with JIS standard hex nuts.

CVSJA
6W Motor Type



25W Motor Type

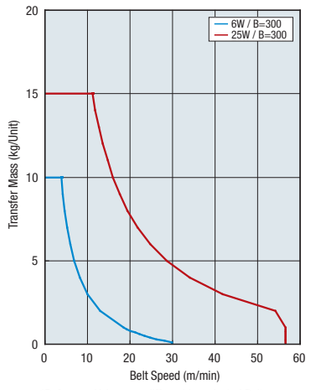


The dimensions in the diagram are for Belt Specifications H (0.8mm thick.). Take note that belt thickness varies by Belt Specifications.

Motor Specifications

Output (W)	Motor		Reduction Ratio	Motor Length (A)
	Specification	Manufacturer		
6W	Constant Speed Motor	Panasonic	12.5–25	101.0
			30–180	108.0
		Oriental	12.5–18	105.0
			25–180	115.0
		Taiwanese	12.5–75	116.7
			90–180	122.7
	Variable Speed Motor	Oriental	12.5–18	115.0
			25–180	125.0
		Taiwanese	12.5–75	128.9
			90–180	134.9
25W	Constant Speed Motor	Panasonic	12.5–180	115.0
		Oriental	12.5–18	117.0
			25–180	127.5
		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

Conveying Capacity



*Reference Value may different 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

Guided Flat Belt Conveyor Short Length Type

Conveyor Resource Site: http://www.misumiusa.com/conveyor/
Conveyor Selection, Design Your Own Conveyor Kit,
& Maintenance Parts Search

Guided Belt to Prevent Lateral Movement, Center Drive, 2-Groove Frame (Pulley Dia. 30mm), *continued*

Part Number	Width B 10mm Increment	Length L 5mm Increment	Motor				Belt Specification	Motor Manufacturer Selection (!) The prices vary by manufacturer.
			Output (W)	Voltage (V)	Specification	Gearhead Reduction Ratio		
CVSJA	50–300	220–600	6 25	(Single-Phase) TA100 TA110 TA115 TA200 TA220 TA230	IM (Constant Speed 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 (Static Conductive) O (Oil Resistant) N (Non-Stick Food Grade) J (No Belt) * For belts other than the above, select from Belt Specification below.	A (Panasonic Motor) B (Oriental Motor) C (Taiwanese Motor) * SCM (Variable Speed Motor) is not selectable for A.
			25	(Three-Phase) SA200 SA220 SA230	IM (Constant Speed 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.
(!) 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 on the guided belt depending on the number of plies (thickness).

Belt Specification	Standard Belt	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-Stick Food Grade	N (White)	NB (Sky Blue), NBG (Lime Green) HH (Green), HW (White)	—	
Food Grade	—	KW (White), KSB (Sky Blue), PHB (Sky Blue)	—	
Static Conductive	D (Black)	—	—	

(!) If using Optional Belts, please select motor manufacturer A or B (Motor C is applicable for Standard Belt only.)

Part Number	B	Available Types														
		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	—	—	—	•	•	•	•	•	•	•	•	•	•	•	•

Part Number Example

Part Number	-	B	-	L	-	Motor					-	Belt Specification	-	Motor Manufacturer Selection
						Output	-	Voltage	-	Specification	- Gearhead Reduction Ratio			
CVSJA	-	100	-	500	-	25	-	T100	-	IM	- 25	-	H	- C

Part Number Alterations

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

For details of alterations, see **P.1276**.