


Flat Belt Conveyors, Low Profile

Center Drive, 1-Slot Frame (Pulley Dia. 15mm)

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

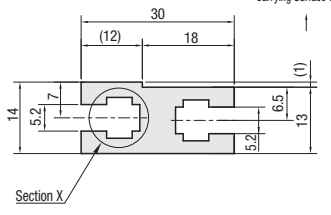
Features: Very low profile conveyor with pulley diameter of 15mm; installable in limited space such as discharge section of a pressing machine.



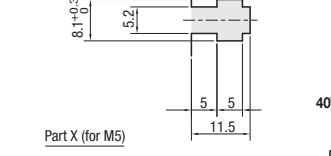
CVLPA
25W Motor Type

	Frame	Motor Cover ①	Motor Cover ②	Pulley Holder
M Material	Aluminum	Aluminum	SPPC	Aluminum
S Surface Treatment	Clear Anodize	Paint	Paint	Paint

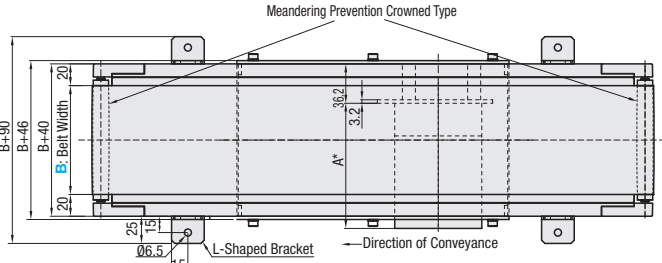
Frame Cross Section and Enlarged View
Carrying Surface Side



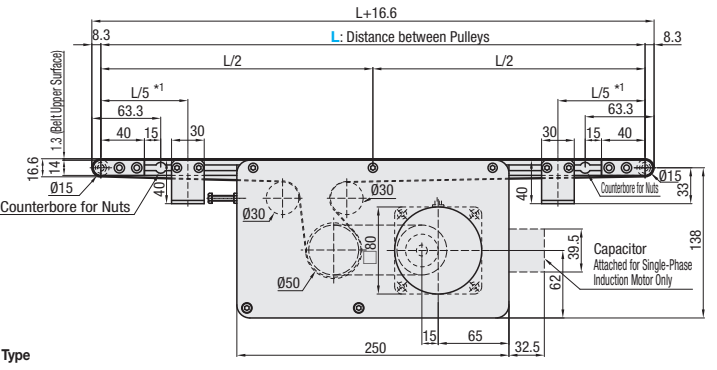
Section X



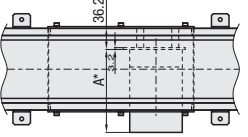
Part X (for M5)



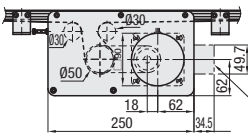
Meandering Prevention Crowned Type



Section X



40W Motor Type



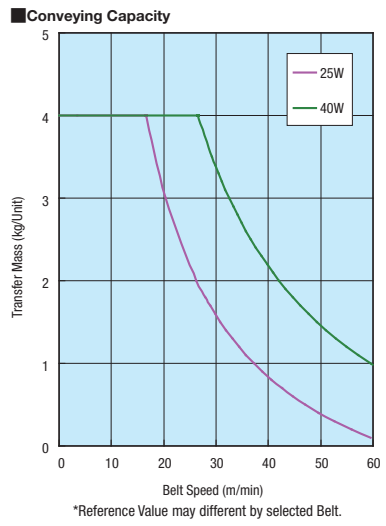
Capacitor Attached for Single-Phase Induction Motor Only

- When $L \geq 1055$, four (4) L-shaped brackets are attached to the positions indicated with *1 to prevent deflection of belt conveyor. Make sure to install the conveyor so that load of the conveyor is sustained at the positions of the L-shaped brackets. If the load of the conveyor cannot be sustained by the L-shaped brackets, deflection may become larger, resulting in a functional problem.
- Note that even when the L-shaped brackets receive the load of the conveyor, some deflection about 3mm at most will occur.
- If the dimensions of L-shaped bracket do not fit the conditions for installation, use the stand for a better arrangement.
- Attach L-shaped brackets so that a pitch between the bracket and the end pulley will not exceed 400mm, and a pitch at the position where supports are provided on both ends, will not exceed 1200mm in order to sustain the load.

* Each slot has 4 pre-inserted nuts provided.
 * Capacitor is included with single-phase induction motors only.
 * The dimensions in the diagram is for Belt Specifications H (0.9mm THK). Take note that belt thickness varies by Belt Specifications.
 For Belt Specifications, see P.1279..

A Dimension Details

Output (W)	Motor		Reduction Ratio	A
	Specification	Manufacturer		
25W	Induction Motor	Panasonic Motor	5~180	115.0
		Oriental Motor	5~18	117.0
			25~180	127.5
		Taiwanese Motor	5~75	129.0
			90~180	136.0
		Variable Speed Motor	Oriental Motor	5~18
	25~180			137.5
	Taiwanese Motor		5~75	139.5
			90~180	146.5
	40W	Induction Motor	Panasonic Motor	5~180
Oriental Motor			5~18	147.0
			25~180	165.0
Taiwanese Motor			5~75	161.6
			90~180	170.6
Variable Speed Motor			Oriental Motor	5~18
		25~180		175.0
		Taiwanese Motor	5~75	172.1
			90~180	181.1



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	Motor		Output (W)	Voltage (V)	Specification	Gearhead Reduction Ratio	Belt Specification	Motor Manufacturer Selection
	B 10mm Increment	L 5mm Increment						
CVLPA	50~200	390~2000	25 40	T100 (Single-phase) T200 (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	HG (General Purpose, Green) DS (For Electronic Parts Transfer) OH (Oil Resistant) NS (Non-adhesive) J (No Belt)	A (Panasonic Motor) B (Oriental Motor) C (Taiwanese Motor) *SCM (Variable Speed Motor) is not selectable for A.
			25 40	NV (No Motor)	NM (No Motor)	NH (No Gearhead)	R (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 "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.

Belt Specification	Standard Belt (Body Price Only)	Optional Belt 1	Optional Belt 2	No Belt
General Purpose	HG (Green)	-	HBN (Sky Blue)	J (No Belt)
For Sliding	-	-	-	
For Inclined Transfer	-	-	-	
Grip Type	-	GG (Green), GW (White)	-	
Oil Resistant	OH (Green)	OW (White)	-	
Non-adhesive	NS (White)	NB (Sky Blue), NBG (Lime Green), HH (Green), HW (White)	-	
For Food Transfer	-	KW (White), KSB (Sky Blue)	-	
For Electronic Parts Transfer	DS (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).																	
		L390-400	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	
CVLPA	50~100																		
	110~150																		
	160~200																		

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)
25W 40W	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

CVLPA - 100 - 1000 - 25 - T100 - IM - 25 - H - C

Ex.) For No Belt: CVLPA-100-1000-25-T100-SCM-25-J-C
 Ex.) For Optional Belt 2: CVLPA-100-1000-25-T100-SCM-25-HBN-C
 Ex.) For No Motor, Gearhead: CVLPA-100-1000-25-NV-NM-NH-HG-R

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

Alterations

- Specify Drive Section Position
- Motor Cover with Window
- Brackets for Speed Controller Included
- Post-Assembly Insertion Nuts Included
- Stands (Legs)

For details of alterations, see P.1264 onward.

