

Flat Belt Conveyors, Low Profile

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

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

Flat Belt Conveyors, Low Profile – Center Drive, 1-Slot Frame (Pulley Dia. 15mm)



	Frame	Motor Cover (1)	Motor Cover (2)	Pulley Holder
Material	Aluminum	Aluminum	Low Carbon Steel/C	Aluminum
Surface Treatment	Clear Anodize	Paint	Paint	Paint

* Each slot has 4 pre-inserted nuts provided.

* Capacitor is included with single-phase Constant Speed Motors only.

Ⓢ The dimensions in the diagram are for Belt Specifications H (0.9mm thick).

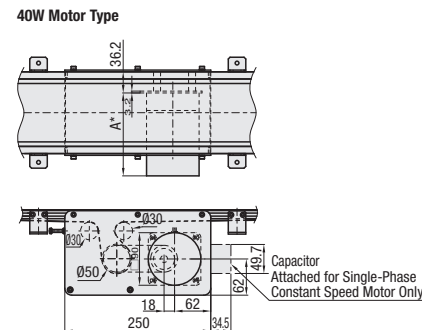
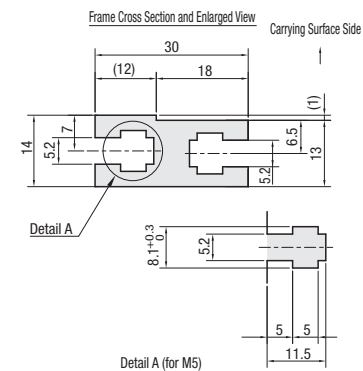
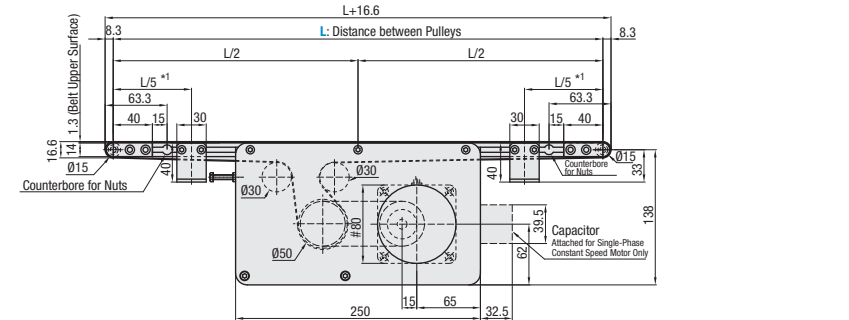
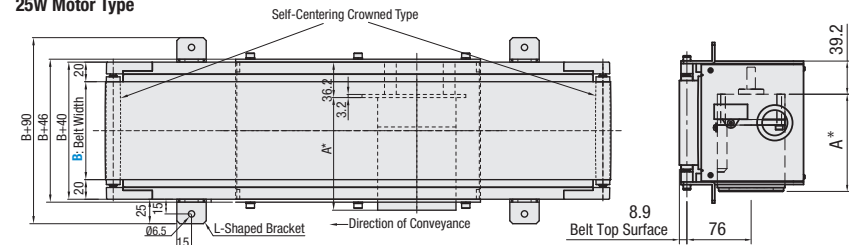
Ⓢ When L>1055, four (4) L-shaped brackets are attached to the positions indicated with *1 to prevent deflection of belt conveyor. Make sure to install the conveyor so that load of the conveyor is sustained at the positions of the L-shaped brackets. If the load of the conveyor cannot be sustained by the 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.

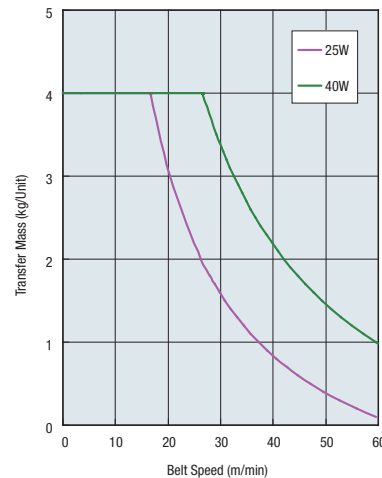
CVLPA 25W Motor Type



Motor Specifications

Output (W)	Specification	Motor		Reduction Ratio	Motor Length (A)
		Manufacturer	Motor Length (A)		
25W	Constant Speed Motor	Panasonic Motor	5-180	115.0	
		Oriental Motor	5-18	117.0	
			25-180	127.5	
		Taiwanese Motor	5-75	129.0	
	Variable Speed Motor	Oriental Motor	5-18	127.0	
			25-180	137.5	
		Taiwanese Motor	5-75	139.5	
			90-180	146.5	
40W	Constant Speed Motor	Panasonic Motor	5-180	142.0	
		Oriental Motor	5-18	147.0	
			25-180	165.0	
		Taiwanese Motor	5-75	164.6	
	Variable Speed Motor	Oriental Motor	90-180	173.6	
			5-18	157.0	
		Taiwanese Motor	25-180	175.0	
			5-75	172.1	
90-180	181.1				

Conveying Capacity



*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

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

Part Number	Width B 10mm Increment	Length L 5mm Increment	Motor				Belt Specification	Motor Manufacturer Selection
			Output (W)	Voltage (V)	Specification	Gearhead Reduction Ratio		
CVLPA	60-200	390-2000	25 40	(Single-Phase)	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	HG (General Purpose, Green) DS (Static Conductive) OH (Oil Resistant) NS (Non-Stick Food Grade) J (No Belt)	A (Panasonic Motor) B (Oriental Motor) C (Taiwanese Motor) * SCM (Variable Speed Motor) is not selectable for A.
				(Three-Phase)				
			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.

Ⓢ 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.

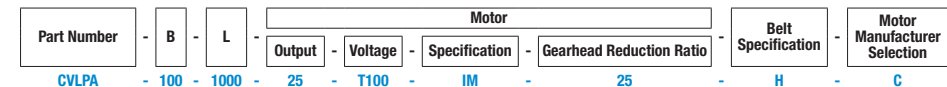
Ⓢ When "No motor, gearhead" is selected, this unit will be delivered unassembled. The customer is to assemble the unit according to the included assembly instructions. See our Conveyor Selection site for assembly procedures and packaging details.

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-Stick Food Grade	NS (White)	NB (Sky Blue), NBG (Lime Green), HH (Green), HW (White)	-	
Food Grade	-	KW (White), KSB (Sky Blue)	-	
Static Conductive	DS (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																	
		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	-	-	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

Part Number Example



Part Number 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.1276.

Application Example

