Flat Belt Conveyors

Head Drive, 2-Groove Frame (Pulley Dia. 30mm)

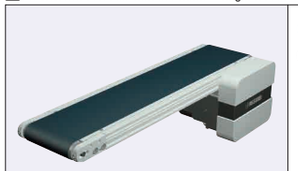
CE Compliant

* The above compliance applies only for Single-phase 230V Motors.

Dedicated web site http://fa.misumi.jp/cvs/

The above site can be used to search for Conveyor components and their maintenance parts.

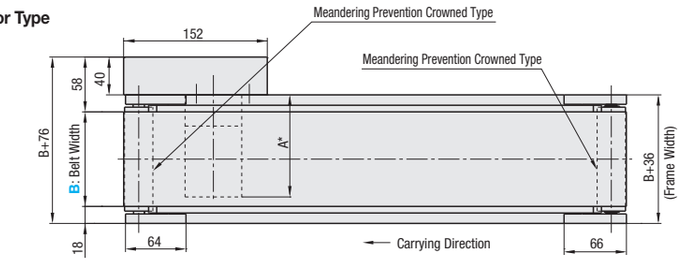
■**Features:** Flat belt with the width configurable in the increments of 1mm (the finest level in the industry). Superior to CVSA in maintainability and space saving.

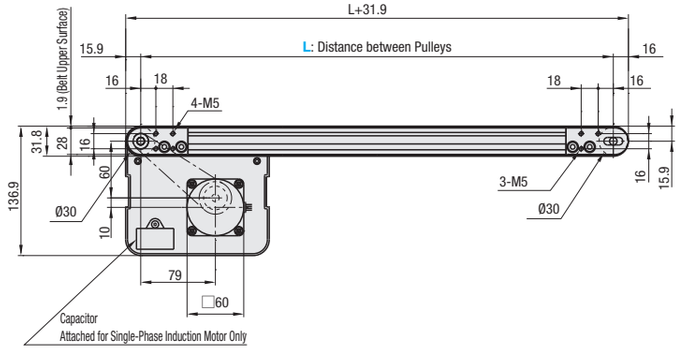


	Frame	Motor Cover	Pulley Holder
M Material	Aluminum	Aluminum	Aluminum
S Surface Treatment	Clear Anodize	Paint	Paint

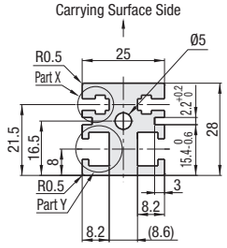
CVGA

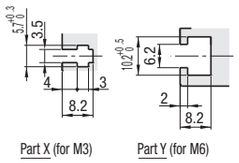
6W Motor Type





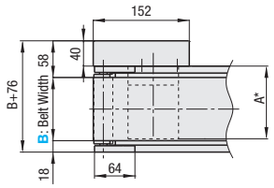
Frame Cross Section and Enlarged View (Symmetrical)

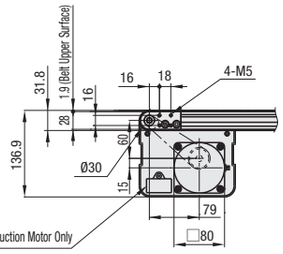




Compatible with JIS standard hex nuts.

25W Motor Type





*When L≥290, each slot has four (4) nuts inserted.
When counterbores for inserting nuts are required, so specify in form of alteration ordering.

The dimensions in the diagram is for Belt Specification H (0.9mm THK.). Note that belt thickness varies by Belt Specifications. For Belt Specifications, see **P.1313**~.

On some operating environments, conveyance failure may occur.

Part Number	B 1mm Increment	L 5mm Increment	Motor				Belt Specification	Motor Manufacturer Selection (The prices vary by manufacturer.)
			Output (W)	Voltage (V)	Specification	Gearhead Reduction Ratio		
CVGA	30~300	190~2000	6 25	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) F (For Food Transfer) O (Oil Resistant) N (Non-adhesive) J (No Belt) *When A or B is selected as the Motor Manufacturer Option, choose a belt from Belt Specification table below.	A (Panasonic Motor) B (Oriental Motor) C (Taiwanese Motor) *SCM (Variable Speed Motor) is not selectable for A. *For C, the conveyance speed may decrease by approx. 20%.
			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, see **P.1301**~.

When "No motor, gearhead" is selected, the motor mounting hole pitch will vary depending on the motor's power rating. For the dimension details, see Technical Information in our Conveyor Selection web site.

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

Purple Color Type of Belt is the Catalog Standard-Altered product. For details, see **P.1313**~.

Belt Specification	Standard Belt (Body Price Only)	Optional Belt 1	Optional Belt 2	No Belt
General Purpose	H (Green), W (White), HG (Green)	-	HY (Yellow Green), HBN (Sky Blue)	J (No Belt)
For Sliding	G (Green), S (White)	-	-	
For Inclined Transfer	LG (Green), LW (White)	-	-	
Grip Type	-	GG (Green), GW (White)	GSN (Green)	
Oil Resistant	O (Navy Blue), OH (Green), OG (Green)	OW (White)	ON (White)	
Non-adhesive	N (White), NS (White)	NB (Sky Blue), NBG (Lime Green), HH (Green), HW (White)	NWN (White), NSN (Sky Blue), NGN (Lime Green), HBG (Green), HBW (White), BW (White)	
For Food Transfer	F (White)	KW (White), KSB (Sky Blue), PHB (Sky Blue)	PHN (Sky Blue), PWN (White), KWN (White)	
For Electronic Parts Transfer	D (Black), DS (Black)	-	DG (Black)	

For flat belt details, see **P.1313**~.

For Motor Manufacturer C (Taiwanese Motor), select either the H, W, G, S, D, F, O, N or J (No Belt) option.

Since only the transporting surface side is designed to be oil resistant, Oil Resistant Types are not useable on environments where it is very likely that oil adheres to the back face.

Part Number	B	Body Price 1~10 pc(s).																
		L190~300	L305~400	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
CVGA	30 ~ 50																	
	60 ~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: Output	Motor: Voltage	Motor: Specification	Motor: Gearhead Reduction Ratio	Belt Specification	Motor Manufacturer Selection
CVGA	60	660	6	T100	IM	36	H	A

Alterations

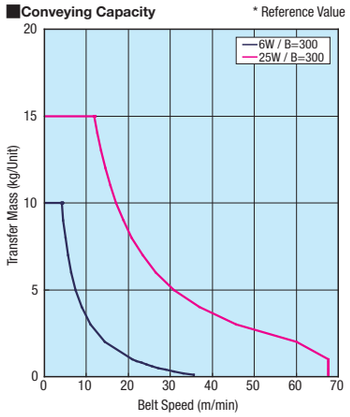
- Motor Position Reversed
- Additional Counterbores
- Motor Cover with Window
- Brackets for Speed Controller Included
- Post-Assembly Insertion Nuts Included
- Motor with Terminal Box
- Stands (Legs)

For details of Alterations, see **P.1298**~.

*** A Dimension (Motor Overall Length) Details**

Output (W)	Motor: Specification	Motor: Manufacturer	Reduction Ratio	A
6W	Induction Motor	Panasonic	5~25	101.0
			30~180	108.0
		Oriental	5~25	105.0
			30~180	115.0
		Taiwanese	5~75	114.7
			90~180	120.7
	Variable Speed Motor	Oriental	5~25	115.0
			30~180	125.0
		Taiwanese	5~75	126.9
			90~180	132.9
25W	Induction Motor	Panasonic	5~180	115.0
		Oriental	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



■Gearhead Reduction Ratio

* May decrease depending on load condition.

Gearhead Reduction Ratio	Belt Speed (m/min) 50Hz	60Hz
5	56.4	67.7
7.5	37.6	45.1
9	31.3	37.6
12.5	22.6	27.1
15	18.8	22.6
18	15.7	18.8
25	11.3	13.5
30	9.4	11.3
36	7.8	9.4
50	5.6	6.8
60	4.7	5.6
75	3.8	4.5
90	3.1	3.8
100	2.8	3.4
120	2.4	2.8
150	1.9	2.3
180	1.6	1.9