

# Flat Belt Conveyors

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

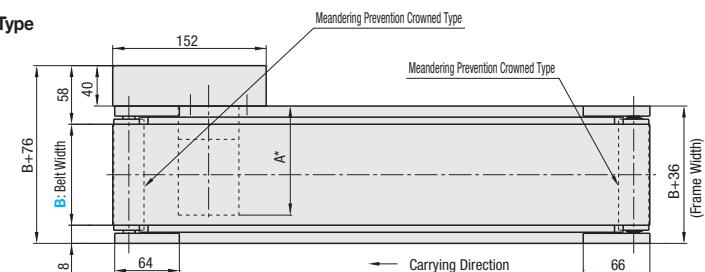
Dedicated web site <http://fa.misumi.jp/cvs/>  
Conveyor selecting, component purchases,  
and easy search for maintenance parts are available.

■ Features: Flat belt with the width specifiable in the increments of 1mm, the smallest in the industry. Superior to CVSA in maintainability and space saving.

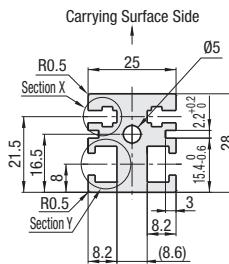


**CVGA**

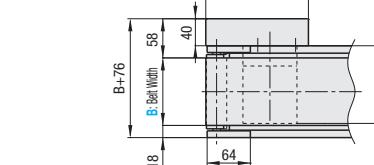
6W Motor Type



Frame Cross Section and Enlarged View (Symmetrical)



25W Motor Type

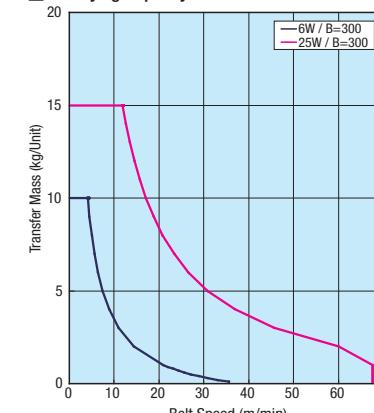


Compatible with JIS standard hex nuts.

\* A Dimension 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
25W	Variable Speed Motor	Panasonic	5~25	111.0
			30~180	118.0
		Oriental	5~25	115.0
	Induction Motor		30~180	125.0
		Panasonic	5~180	115.0
		Oriental	5~18	117.0
			25~180	127.5
	Variable Speed Motor	Panasonic	5~180	125.0
		Oriental	5~18	127.0
			25~180	137.5

■ 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	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

Part Number	B 1mm Increment	L 5mm Increment	Output (W)	Voltage (V)	Motor		Gearhead Reduction Ratio	Belt Specification	Motor Manufacturer Selection
					IM (Induction Motor)	SCM (Variable Speed Motor)			
CVGA	30~300	190~2000	6 25	TA230 (Single-phase)			5 7.5 9 12.5 15	H (General Purpose, Green)	A (Panasonic Motor)
					18 25 30 36 50	60 75 90 100 120	150 180	W (General Purpose, White)	B (Oriental Motor)

② 5~9 not applicable for 6W Motor

③ For belts other than the above, select from Belt Specification below.

④ R (No Motor, Gearhead)

⑤ 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.

⑥ 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.

⑦ 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
		Optional Belt 1		Optional Belt 2		
General Purpose	H (Green), W (White), HG (Green)	-	-	HY (Yellow Green), HBN (Sky Blue)	-	
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)	NW (White), NS (Sky Blue), NGN (Lime Green), HBG (Green), HBW (White)	-	
For Food Transfer	F (White)	KW (White), KSB (Sky Blue), PHB (Sky Blue)	PHN (Sky Blue), PWN (Sky Blue), KWN (White)	-	-	
For Electronic Parts Transfer	D (Black), DS (Black)	-	-	DG (Black)	-	

J (No Belt)

⑧ For flat belt details, see P.1279 onward.

⑨ 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).															
		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
CVGA	30~50																
	60~100																
	110~150																
	160~200																
	210~250																
	260~300																

⑩ For orders larger than indicated quantity, please check with WOS.

Motor Spec. Price	Motor Output	Specification	A (Panasonic Motor)		B (Oriental Motor)		R (No Motor, Gearhead)	
			6W	25W	IM	SCM		

Belt Spec. Price	Standard Belt		Optional Belt 1		Optional Belt 2		No Belt								
	Part Number		B	L	Output	Voltage	Specification	Gearhead Reduction Ratio	Belt Specification	Motor Manufacturer Selection					
	CVGA	-	60	660	-	6	TA230	-	IM	-	36	-	H	-	A

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

CVGA-100-1000-25-TA230-SCM-25-J-A  
CVGA-100-1000-25-TA230-SCM-25-HY-B  
CVGA-100-1000-25-NV-NM-NH-H-R



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



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.1264 onward.