
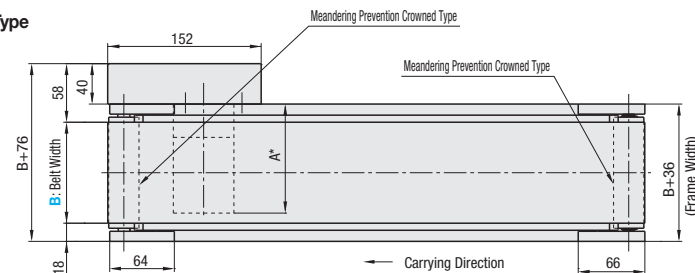


**Dedicated web site <http://fa.misumi.jp/cvs/>**  
Conveyor selecting, component purchases,  
and easy search for maintenance parts are available.



## 6W Motor Type



	Frame	Motor Cover	Pulley Holder
<b>M</b> Material	Aluminum	Aluminum	Aluminum
<b>S</b> Surface Treatment	Clear Anodize	Paint	Paint

Carrying Surface Side

R0.5

25

Section X

Ø5

21.5

16.5

8

R0.5

Section Y

28

15.4 $\pm$ 0.6

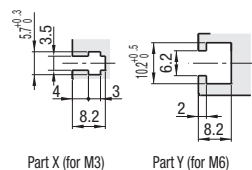
2.2 $\pm$ 0.2

8.2

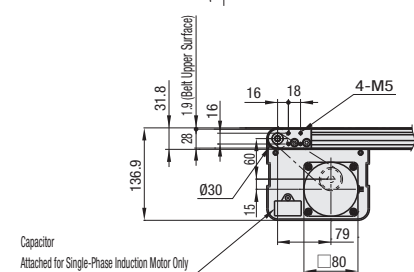
3

8.2

(8.6)



🔧 Compatible with JIS standard hex nuts.




❗ 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 **P1279~**.

Output (W)	Motor		Reduction Ratio	A	
	Specification	Manufacturer			
6W	Induction Motor	Panasonic	5~25	101.0	
			30~180	108.0	
	Oriental	5~25	105.0		
		30~180	115.0		
	Variable Speed Motor	Panasonic	5~25	111.0	
			30~180	118.0	
		Oriental	5~25	115.0	
	30~180		125.0		
25W	Induction Motor	Panasonic	5~180	115.0	
			5~18	117.0	
	Oriental	25~180	127.5		
		Variable Speed Motor	Panasonic	5~180	125.0
				5~18	127.0
	Oriental	25~180	137.5		

Belt Speed (m/min)	Transfer Mass (kg/Unit) - 6W / B=300	Transfer Mass (kg/Unit) - 25W / B=300
0	10	15
5	5	15
10	2.5	15
12	2	15
15	1.5	10
20	0.8	8
25	0.4	6
30	0.2	5
35	0	4.5
40	0	4
50	0	3
60	0	2
65	0	1
68	0	0

\*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	Motor					Belt Specification	Motor Manufacturer Selection		
			Output (W)	Voltage (V)	Specification	Gearhead Reduction Ratio					 The prices vary by manufacturer.
CVGA	30~300	190~2000	6 25	TA230 (Single-phase)	IM (Induction Motor) SCM (Variable Speed Motor)	5 18 60 150	7.5 25 75 180	9 30 90 100	12.5 36 50 120	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)	A (Panasonic Motor) B (Oriental Motor)
			6 25	NV (No Motor)	NM (No Motor)	NH (No Gearhead)					*For belts other than the above, select from Belt Specification below.

⚠ 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 it 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	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 (Sky Blue), KWN (White)	
For Electronic Parts Transfer	D (Black), DS (Black)	-	DG (Black)	

⚠ For flat belt details, see **P1279** onward.

⚠ In case of selecting Optional Belts, please select motor manufacturer A or B (Motor C is applicable for Standard Belt only.)

[illegible]

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



### Ordering Example

**Part Number** - **B** - **L** - **Motor** - **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.