

Configurable Width ▶

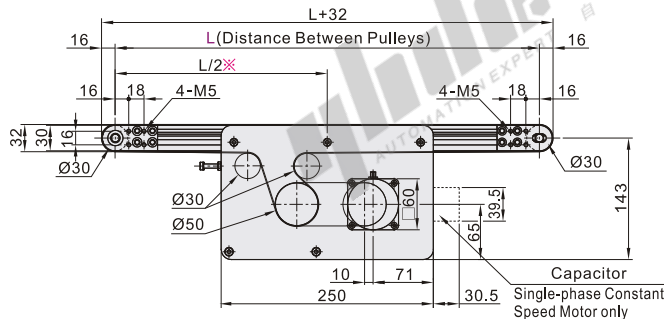
Flat Belt Conveyors

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

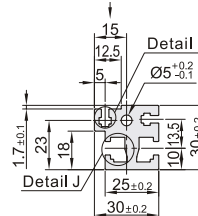
Code	Type	Material				Surface Treatment			
		Frame	Motor Cover 1	Motor Cover 2	Pulley Holder	Frame	Motor Cover 1	Motor Cover 2	Pulley Holder
KPG01	Non-anti-deviation Guide	Aluminum	SPCC	Aluminum	Anodize			Paint	

Features: A Flat Belt Conveyor with adjustable drive section position. Belt tension can be adjusted at the center drive section, and the overall length does not change after tension adjustment.

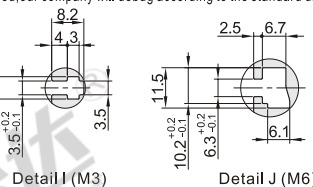
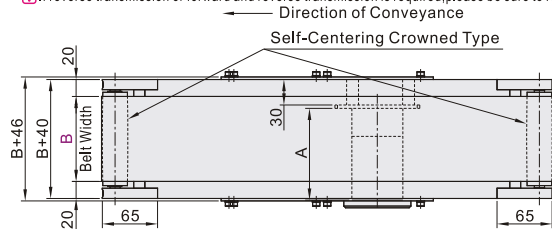
6W Motor Type



Frame Cross Section - Enlarged
Carrying Surface Side



If reverse transmission or forward and reverse transmission is required, please be sure to remark that, if not specified, our company will debug according to the standard direction.



Compatible with GB/T 6170 standard hex nuts.

When $L \leq 1000$, each slot has four (4) nuts inserted. When $L > 1000$ each slot has six (6) nuts inserted.

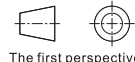
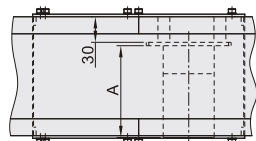
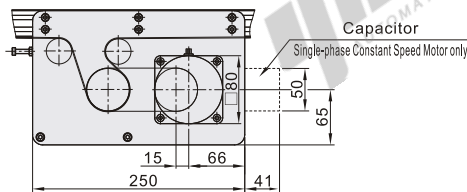
When counterbores for inserting nuts are required, please select from optional processing.

M6 frame slot can be used for: rear-mounted locking nut AHL22-206-M3 /M4/M5.

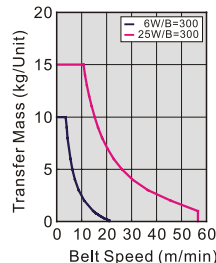
The drive section can be moved to a desired position within the aluminum extrusion slots.

The dimensions in the diagram are for Belt Specifications H (1mm thick.). Take note that belt thickness varies by Belt Specifications.

25W Motor Type



Conveying Capacity (Reference Value)



The chart shows the conveying capacity under horizontal conditions.
When a speed-adjustable motor is selected, the conveying capacity does not increase due to the speed reduction during use.
In the case of cumulative conveying (only applicable to belts for sliding use), the conveying capacity is 1/2 of the above data.

Gearhead Reduction Ratio

Gearhead Reduction Ratio	Belt Speed (m/min)	
	50Hz	60Hz
7.5	26.1	31.4
9	21.8	26.1
12.5	15.7	18.8
15	13	15.7
18	10.9	13
25	7.8	9.4
30	6.5	7.8
36	5.4	6.5
50	3.9	4.7
60	3.2	3.9
75	2.6	3.1
90	2.1	2.6
100	1.9	2.3
120	1.6	1.9
150	1.3	1.5
180	1.0	1.3

May decrease depending on load condition.
This conveying speed table refers to domestic motors (1250 rpm).
The adjustment scale should not be lower than 60 for long-term use.
If the adjustment scale is too low, the motor torque will decrease and the motor will be easily overloaded. Meanwhile, if the motor speed is lowered, the kinetic energy of the motor will be converted into heat energy, which will cause the motor to overheat. (The conveying capacity comparison table refers to the conveying capacity with a scale of 100).

Motor Specifications

Output Power	Motor Specification	Manufacturer	Reduction ratio	A
6W	Variable Speed Motor	Domestic	5~18	130
		Panasonic	5~18	111
	Three-Phase Motor	Domestic	20~180	118
		Panasonic	5~18	131
	Variable Speed Motor	Domestic	20~180	141
		Panasonic	5~18	141
25W	Three-Phase Motor	Panasonic	5~180	115
	Variable Speed Motor	Panasonic	5~180	125

Flat Belt Conveyors

Configurable Width

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

Part Number Code	B (10 mm Inc.)	L 5 mm Inc.	Motor				Belt Specification	Motor Manufacturer Selection
			Output Power(W)	Voltage(V)	Specification	Gearhead Reduction Ratio		
KPG01	30~300	355~2000	6 25	TA220 (Single-Phase)	SCM (Variable Speed Motor)	7.5 9 12.5 15 18 25 30 36 50 60 75 90 100 120 150 180	L (Economy Type: Yellow, PVC) M (Economy Type: Black Anti-static, PU) K (Economy Type: Dark Green, PVC) A (General Purpose, Green) B (General Purpose, White) C (For Sliding, Green) D (For Sliding, White) E (Static Conductive, Black) F (Food Grade, White) P (Oil Resistant, Green) H (Non-Stick Food Grade, White) J (No Belt)	T (Domestic Brands) S (Panasonic Motor)
			25	SA200 (Three-Phase)	INV (Inverter)	① 7.5, 9 not applicable for 6W Motor		① Panasonic Motor is discontinued. Delivery time is unstable.
			6 25	NV (No Motor)	NM (No Motor)	NH (No Gearhead)		W (No Motor, Gearhead)

① When "No motor, gearhead" is selected, the motor mounting hole pitch will vary depending on the motor's power rating.

① When "No motor, gearhead" is selected, this unit will be delivered unassembled.



Part Number Code	B	L 5 mm Inc.	Output Power(W)	Voltage(V)	Specification	Gearhead Reduction Ratio	Belt Specification	Motor Manufacturer Selection
KPG01	30~300	355~2000	6 25	TA220	SCM	7.5 9 12.5 15	A (General Purpose, Green) B (General Purpose, White) C (For Sliding, Green)	T (Domestic Brands) S (Panasonic Motor)
			25	SA200	INV			

KPG01—B50—L500—25—TA220—SCM—7.5—A—T

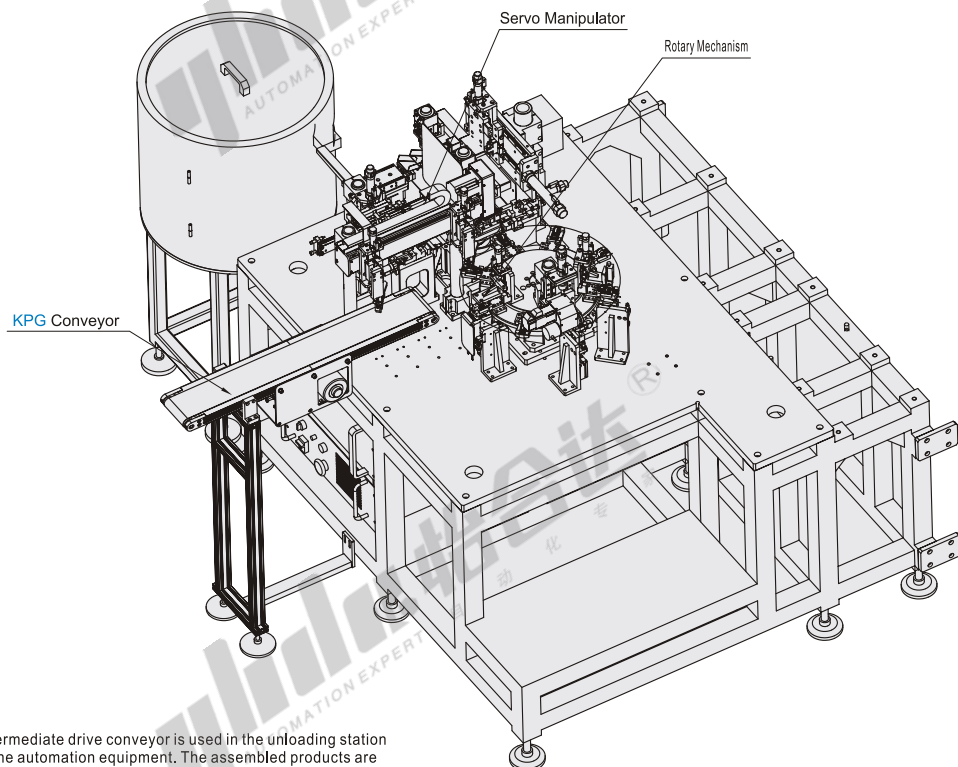
Optional processing

Part Number Code	B	L 5 mm Inc.	Output Power(W)	Voltage(V)	Specification	Gearhead Reduction Ratio	Belt Specification	Motor Manufacturer Selection	Optional Processing Code
KPG01	30~300	355~2000	6 25	TA220	SCM	7.5 9 12.5 15	A (General Purpose, Green) B (General Purpose, White) C (For Sliding, Green)	T (Domestic Brands) S (Panasonic Motor)	MC () MB ()
			25	SA200	INV				

KPG01—B50—L1200—25—TA220—SCM—7.5—A—T—MC500



Code	MC ()		Code	MB ()	
Spec.	Drive Location Specified ← Direction of Conveyance MC ()	Ordering Code MC500	Spec.	Attached Rear-mounted Locking Nut	Ordering Code MB3 ① Please specify the number of Attached Rear-mounted Locking Nut. For example, MB3 represents 3 nuts per slot.



① KPG series intermediate drive conveyor is used in the unloading station of the parts in the automation equipment. The assembled products are transported to the outside of the equipment through the conveyor for the operator to take out without entering the equipment, ensuring the personal safety of the employees.