

# U-type high speed shifting PPU



Code	Type	Transfer direction
ZBC21	U-type high speed shifting PPU	XZ shaft
ZBC22		Servo motor

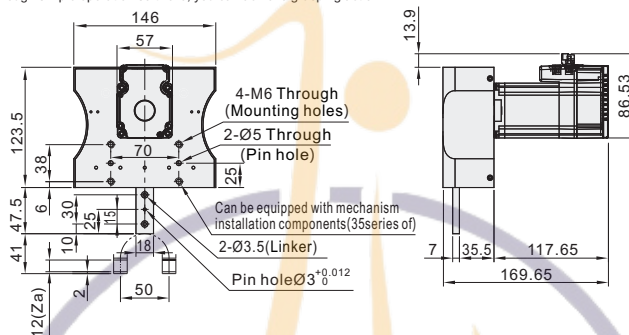
## Product features:

- U-shaped high speed shifting PPU: Unit of Pick and Place. The PPU is a pure CAM structure of the loading manipulator, in the integrated step servo. The actuators follow a predetermined trajectory.
- The control mode is optional: the u-type high-speed shifting PPU motor is an integrated step servo, the motor itself is integrated with a control card, you can choose pulse control or Software I/O control, factory default control mode is software I/O control. Software I/O control is through the Q program in the motor control card to the required multiple points. For bit control, the engineer only needs to control the required working point through a few switch quantities; Compared with pulse control, the program is simple and not able to lose step and other characteristics; The only drawback is that each debugging requires editing through computer software, rather than debugging directly on the touch screen.

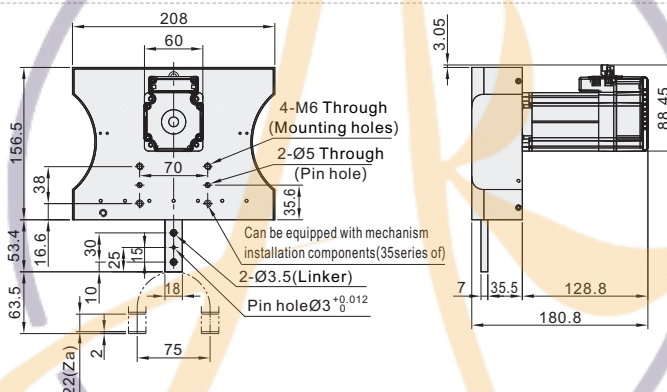
## Use value:

- Automatic transmission, feed and transfer of small parts in a confined space are realized, and these functions are realized by guiding the vertical and horizontal motion sequence
- It can be used with loading of linear feeder and vibratory bowl feeder, and unloading of the turntable. The linear guide has no backlash and has a recirculating needle roller bearing element, which ensures high precision and high rigidity.
- High stability: the combination of the stepper motor and CAM system of the built-in control system forms a compact unit for complete load shifting cycles
- Easy to use: directly to power the product, through simple operation software, you can achieve grasping action

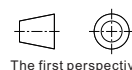
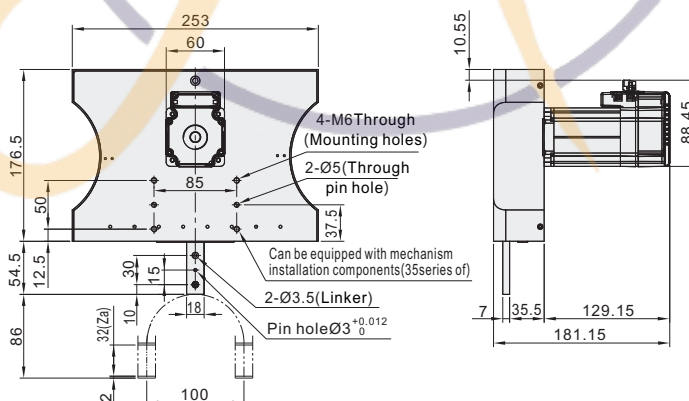
XZ shaft  
ZBC21  
NO.:50



NO.:75



NO.:100



Part Number		The control mode	The output signal	Maximum straight stroke		Z axis travel		The terminal position repeat accuracy	Minimum cycle time(s)	Maximum torque (N/m)	Maximum load (Kg)
Code	No.			X axis	Z axis	Za					
ZBC21	50	Not specified (pulse control) A (software I/O control)	Not specified (NPN) P (PNP)	50	41	12		±0.05	0.8	1.4	0.6
	75			75	63.5	22			1.0	2.8	0.8
	100			100	86	32			1.2	3.6	1.0



Part Number	The control mode	The output signal
Code No.		
ZBC21	50	A
ZBC21-75-A-P		

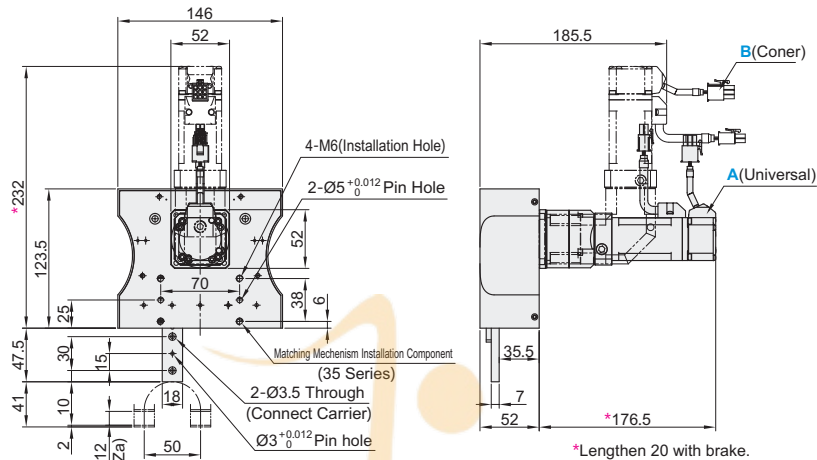
Part Number	The control mode	The output signal
Code No.		
ZBC21	50	A
ZBC21-75		



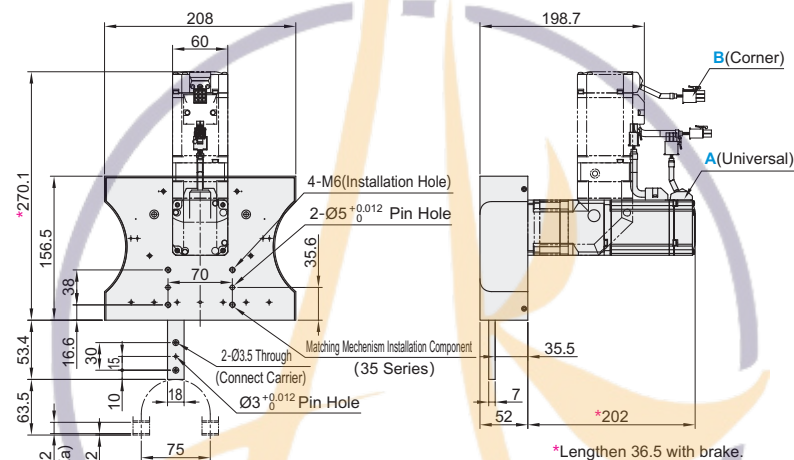
Discount price		
Per	1~5	6~
Price	100%	Additional quotation

# U-type high speed shifting PPU

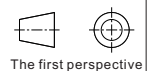
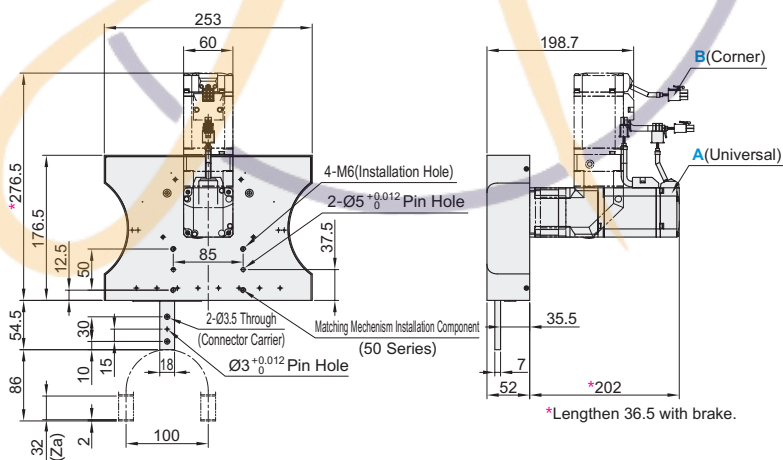
Servo Motor  
**ZBC22**  
Spec: 50



Spec: 75



Spec: 100



Part Number		Motor Selection			Reducer Connect Type	Reduce Ratio	Output Signal	Maximum straight stroke			Repeat Position Accuracy	Min Cycle Time (s)	Max Torque (N/m)	Max Load (Kg)
Code	No.	Adapted Servo Brand	Motor Power W	Brake Type				X Axis	Z Axis	Za				
ZBC22	50	S(Panasonic)	100	U(No Brake)	A(Universal)	5	N(NPN)	50	41	12	±0.05	0.6	1.0	0.8
	75		400	V(With Brake)	B(Corner)		P(PNP)	75	63.5	22		0.8	1.27	1.2
	100							100	86	32		1.0	1.27	1.5



Part Number		Motor Selection			Reducer Connect Type	Reduce Ratio	Output Signal
Code	No.	Adapted Servo Brand	Motor Power W	Brake Type			
ZBC22	50	S(Panasonic)	100	U(No Brake)	A(Universal)	5	N(NPN) P(PNP)
	75		400	V(With Brake)	B(Corner)		

ZBC22-75-S-400-U-A-5-N



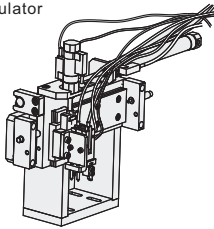
Discount price	
Per	Price
1~5	100%
6~	Additional quotation



# U-type high speed shifting PPU

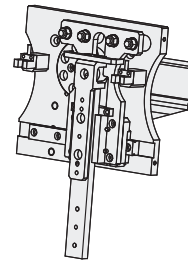
- Performance comparison between traditional manipulator and U - type high - speed shifting PPU

Traditional manipulator



- Complex structure, big size and high cost.

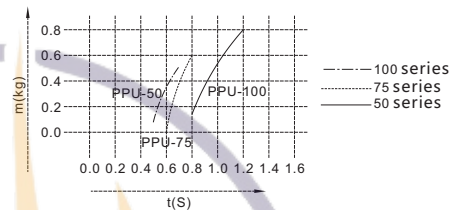
U-type high speed shifting PPU



- Pure CAM drive ensures high - speed, stable and accurate action, which can replace the traditional uniaxial manipulator with travel range of 50-100 to reduce the design cost;
- Compact structure, easy installation, small space, beautiful appearance;
- Installation is simple, convenient and efficient.

- Travel time curve

Time  $t$  refers to the time after the execution element travels from one terminal position to another. Returns the required time workload for the initial terminal location.  $M$  means installed on the vertical guide rail Load of the actuating element (e.g., connector, air claw, swing cylinder, and workpiece).

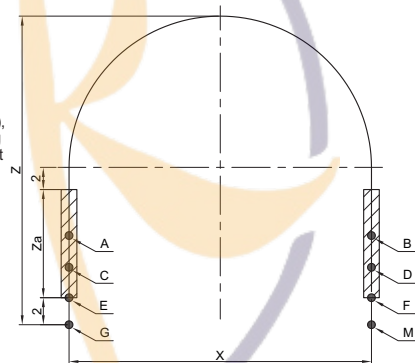


- Brief description

In normal use, it is recommended to set five work points.  
 1. Origin point 2. Waiting position for picking 3. Waiting position for picking 4. Waiting position for picking 5. Feeding position These five points can form "zero wait". That is, the manipulator cycle realizes high-speed grasping: The PPU moves to the waiting position of the discharging position, (the waiting position of the discharging position can be set a distance from the discharging position), and returns to the waiting position of the feeding position (the waiting position of the discharging position can be set with the discharging position) (A certain distance), after the material is in place, continue to complete the next cycle to make loading and unloading faster. The BC segment is the recommended working interval. For details, please refer to the left diagram.

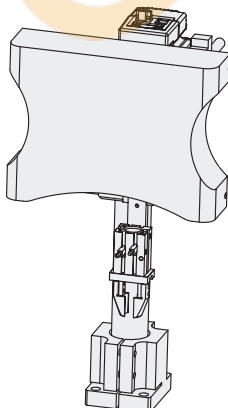
- Simple point description

- Point A and point B: pick waiting bit/place waiting bit (can be arbitrarily set between E and F);
- Point C and point D: pick/place (anywhere between E and F);
- Point E and point F: soft limit/origin bit (the origin bit and soft limit can be placed to the left or, (when point E is set as the origin bit, point F is the soft limit; When F is set to soft When limiting, point E is the origin);
- G and M points: hard limit. G and M: hard limit

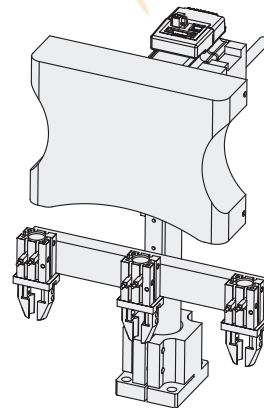


- Instructions for use

- Correct use  
Single link gripping unit has light load, low inertia, smooth movement, fast speed and high positioning accuracy, which can meet customers needs.

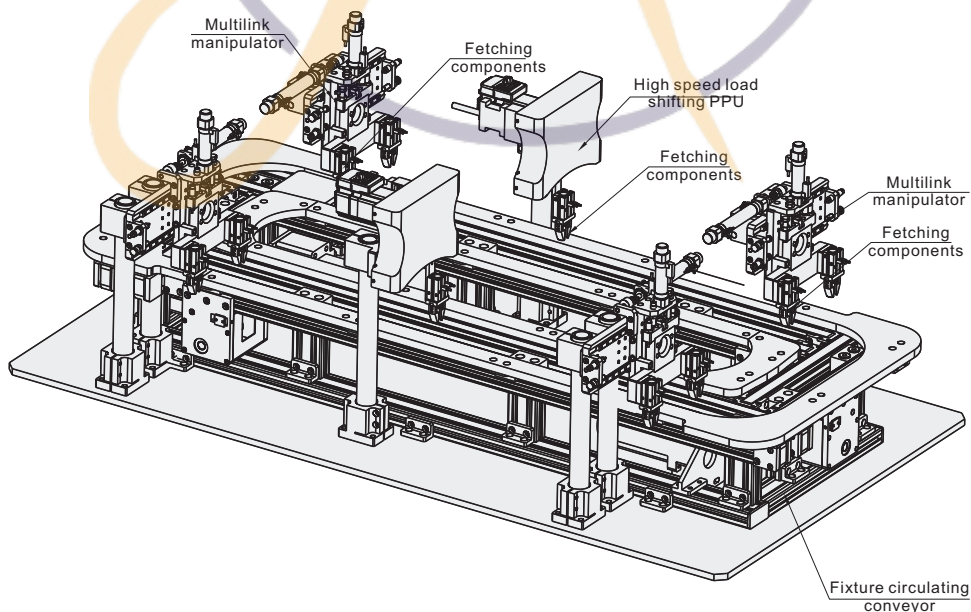
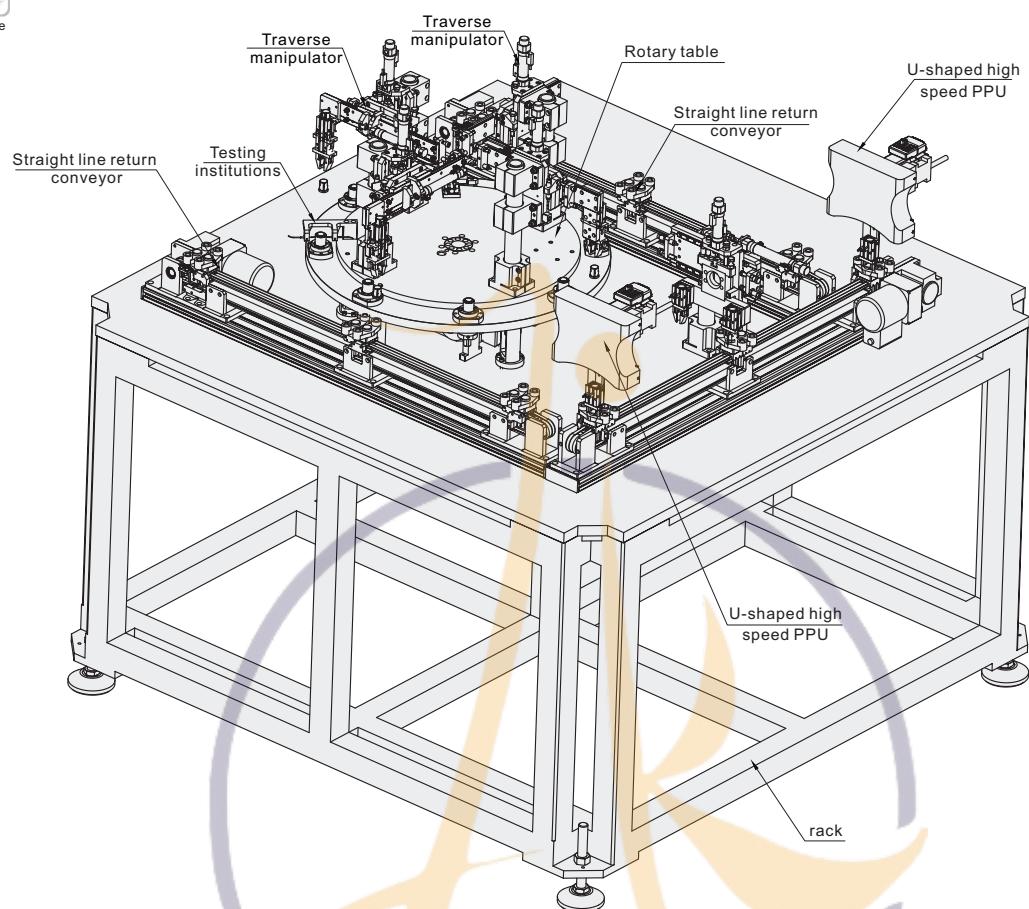


- Incorrect use  
Multi-link gripping unit has heavy load, high inertia, unstable movement, slow speed; and low positioning accuracy, which can not be used normally.



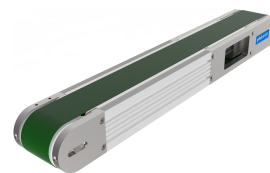
# U-type high speed shifting PPU ◀ Example①

EX  
Example



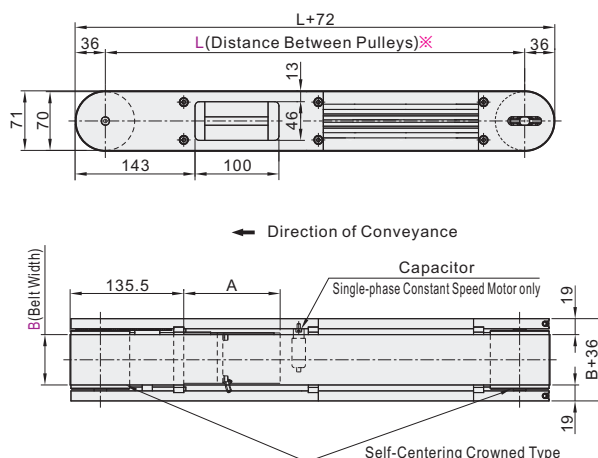
# Flat Belt Conveyors

## Built-in Motor 3-Groove Frame (Pulley Dia. 70mm)

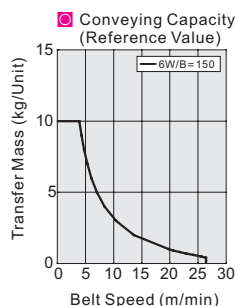
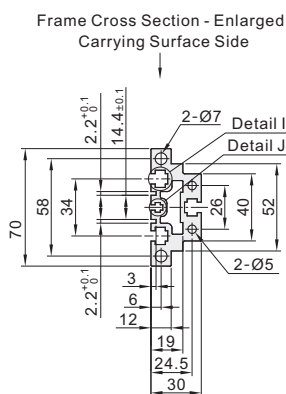


Code	Type	Material		Surface Treatment	
		Frame	Pulley Holder	Frame	Pulley Holder
KPQ01	Built-in Motor	Aluminum		Anodize	Clear Anodize

Features: Crowned pulleys suppress meandering. The unit height has been reduced by half with the motor integrated in the frame.



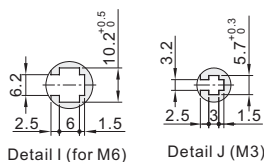
- ✖ When  $L \leq 1000$ , each slot has four (4) nuts inserted. When  $L > 1000$  each slot has six (6) nuts inserted. When counterbores for inserting nuts are required, please Select from optional processing.
- ✖ M6 frame slot can be used for: rear-mounted locking nut [AHL22-206-M3 /M4/M5](#).
- ① The dimensions in the diagram are for Belt Specifications H (1mm thick.). Take note that belt thickness varies by Belt Specifications.



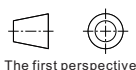
### Gearhead Reduction Ratio

Gearhead Reduction Ratio	Belt Speed (m/min)	
	50Hz	60Hz
15	18.3	22
18	15.2	18.3
25	11	18.3
30	9.1	13.1
36	7.6	9.1
50	5.5	6.6
60	4.5	5.5
75	3.6	4.4
90	3	3.6
100	2.7	3.3
120	2.3	2.7
150	1.8	2.2
180	1.5	1.8

- ① May decrease depending on load condition.
- ② This transmission speedometer refers to panasonic motor (1400 RPM), Taiwanese motor (1300 RPM).



- ① Compatible with GB/T 6170 standard hex nuts.



### Motor Specifications

Output Power	Motor		Reduction Ratio	A
	Specification	Manufacturer		
6W	Variable Speed Motor	Taiwanese	5~18	117
			20~180	127
		Panasonic	5~18	111
			20~180	118

# Flat Belt Conveyors

## Built-in Motor 3-Groove Frame (Pulley Dia. 70mm)

Part Number		L 5 mm Inc.	Motor				Motor Manufacturer Selection
Code	B		Output Power(W)	Voltage(V)	Specification	Gearhead Reduction Ratio	
KPQ01	60	415~2000	6	TA100 Single-Phase	SCM Variable Speed Motor	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)
	100			TA220 Single-Phase			
	150			NV No Motor	NM No Motor	NH No Gearhead	W (No Motor, Gearhead)

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

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



Part Number		L 5 mm Inc.	Motor				Motor Manufacturer Selection
Code	B		Output Power(W)	Voltage(V)	Specification	Gearhead Reduction Ratio	
KPQ01	60 100 150	415~2000	6	TA100 Single-Phase TA220 Single-Phase	SCM Variable Speed Motor	15 18 25 30 36 50 60 75 90 100 120 150 180	A(General Purpose, Green) B(General Purpose, White) C(For Sliding, Green) D(For Sliding, White) T(Taiwanese Motor) S(Panasonic Motor)

KPQ01—B100—L1000—6—TA220—SCM—15—A—T

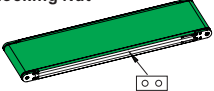
### Optional Processing

Part Number		L 5 mm Inc.	Motor				Motor Manufacturer Selection	Optional Processing Code
Code	B		Output Power(W)	Voltage(V)	Specification	Gearhead Reduction Ratio		
KPQ01	60 100 150	415~2000	6	TA100 Single-Phase TA220 Single-Phase	SCM Variable Speed Motor	15 18 25 30 36 50 60 75 90 100 120 150 180	A(General Purpose, Green) B(General Purpose, White) C(For Sliding, Green) D(For Sliding, White) T(Taiwanese) S(Panasonic Motor)	MB( )

KPQ01—B100—L1000—6—TA220—SCM—15—A—T—MB3

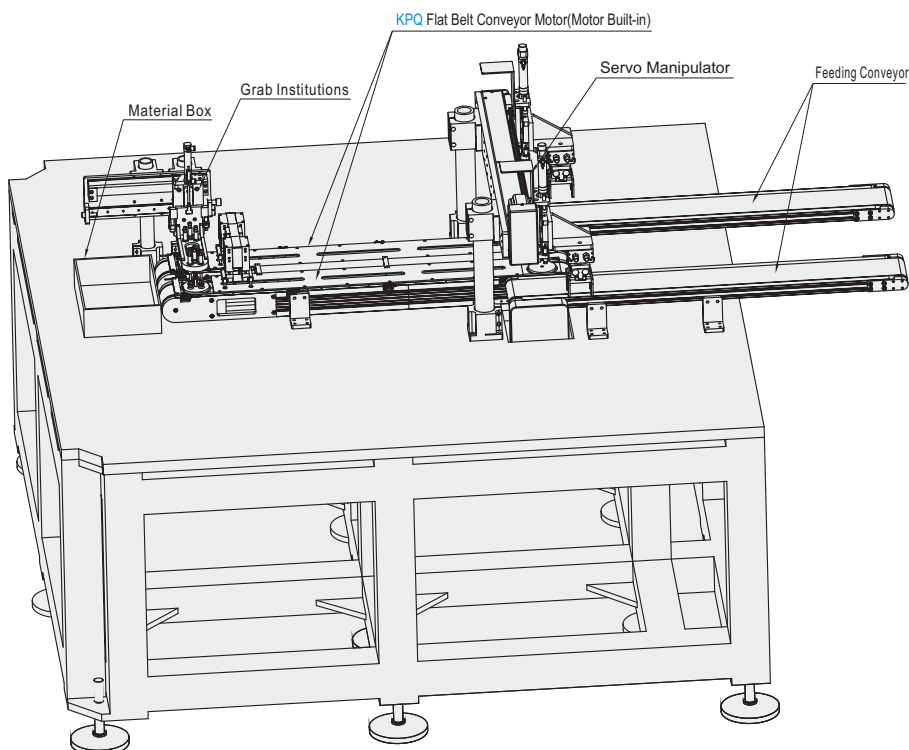


Optional processing

Code	MB( )	
Spec.		
	Attached Rear-mounted Locking Nut	Ordering Code MB3 ❗ Please specify the number of Attached Rear-mounted Locking Nut. For example, MB3 represents 3 nuts per slot.



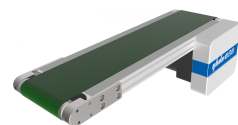
Example



# Flat Belt Conveyors

## Economy Type

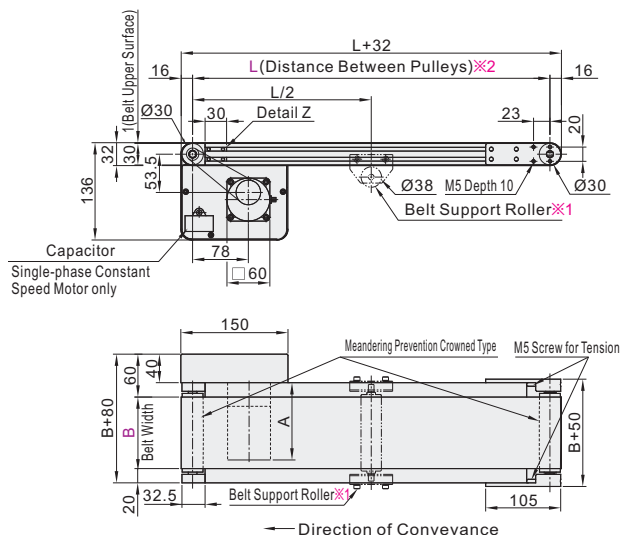
End Drive, 2-Groove Frame (Pulley Dia. 30mm)



Code	Type	Material			Surface Treatment		
		Frame	Motor Cover	Pulley Holder	Frame	Motor Cover	Pulley Holder
KPA01	Non-anti-deviation Guide	Aluminum			Anodize	Paint	

❶ Features: The structure research and development is reasonable, this product price is relatively economical.

### 6W Motor Type



※1 When  $L \geq 2005$ , a belt support roller is mounted in the diagram location.

※2 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.

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

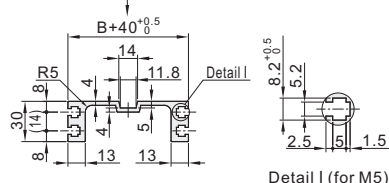
❶ The dimensions in the diagram are for Belt Specifications H (1mm thick). Take note that belt thickness varies by Belt Specifications.

❶ The "Detail Z" of the frame is used for pulley holder mounting. The nuts cannot be moved to this area.

### Frame Cross Section - Enlarged

When  $B=50$

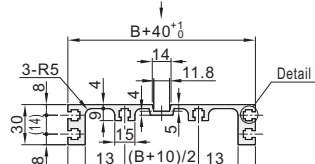
Carrying Surface Side



Detail I (for M5)

When  $B=100 \sim 250$

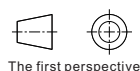
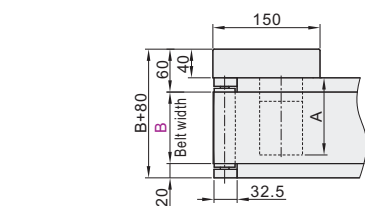
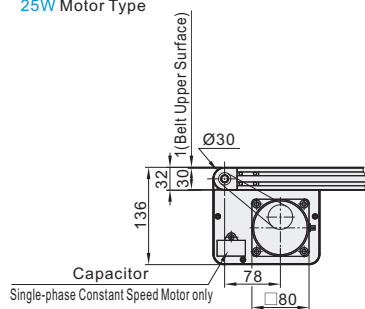
Carrying Surface Side



❶ When  $B = 50$ , there is no downward slot.

❶ Compatible with GB/T 6170 standard hex nuts.

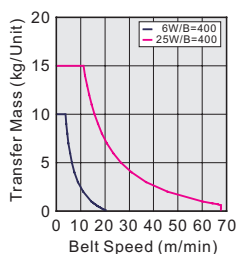
### 25W Motor Type



### ❶ Motor Specifications

Output Power	Motor		Reduction Ratio	A
	Specification	Manufacturer		
6W	Variable Speed Motor	Taiwanese	5~18	117
			20~180	127
		Panasonic	5~18	111
			20~180	118
25W	Three-Phase Motor	Taiwanese	5~18	117
			20~180	128.5
	Variable Speed Motor	Taiwanese	5~18	128
			20~180	138.5
	Three-Phase Motor	Panasonic	5~18	115
			20~180	125

### ❶ Conveying Capacity (Reference Value)



### ❶ Gearhead Reduction Ratio

Gearhead Reduction Ratio	Belt Speed (m/min)	
	50Hz	60Hz
5	47	56
7.5	31.5	37.6
9	26	31.4
12.5	18.8	22.6
15	15.7	18.8
18	13	15.7
25	9.4	11.3
30	7.8	9.4
36	6.5	7.8
50	4.7	5.6
60	3.9	4.7
75	3	3.7
90	2.6	3.6
100	2.3	2.8
120	1.9	2.3
150	1.5	1.8
180	1.3	1.5

❶ May decrease depending on load condition.

❶ This transmission speedometer refers to panasonic motor (1400 RPM), Taiwanese motor (1300 RPM).

# Flat Belt Conveyors

## Economy Type

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

Part Number		L 5 mm Inc.	Motor				Belt Specification	Motor Manufacturer Selection
Code	B		Output Power(W)	Voltage(V)	Specification	Gearhead Reduction Ratio		
KPA01	50 100 150 200 250	300~3000	6 25	TA220 (Single-Phase)	SCM (Variable Speed Motor)	5 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(Taiwanese Motor) S(Panasonic Motor)
			25	SA200 (Three-Phase)	INV (Inverter)	① 5~9 not applicable for 6W Motor		
			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.



Please order as shown

Part Number		L 5 mm Inc.	Motor				Belt Specification	Motor Manufacturer Selection
Code	B		Output Power(W)	Voltage(V)	Specification	Gearhead Reduction Ratio		
KPA01	50 100	300~3000	6 25	TA220	SCM	5 7.5 9 12.5 15	A(General Purpose, Green) B(General Purpose, White) C(For Sliding, Green)	T(Taiwanese Motor) S(Panasonic Motor)

KPA01—B50—L500—25—TA220—SCM—7.5—A—T


Optional processing

Part Number		L 5 mm Inc.	Motor				Belt Specification	Motor Manufacturer Selection	Optional Processing Code
Code	B		Output Power(W)	Voltage(V)	Specification	Gearhead Reduction Ratio			
KPA01	50 100	300~3000	6 25	TA220	SCM	5 7.5 9 12.5 15	A(General Purpose, Green) B(General Purpose, White) C(For Sliding, Green)	T(Taiwanese Motor) S(Panasonic Motor)	MA MB()

KPA01—B50—L500—25—TA220—SCM—7.5—A—T—MA

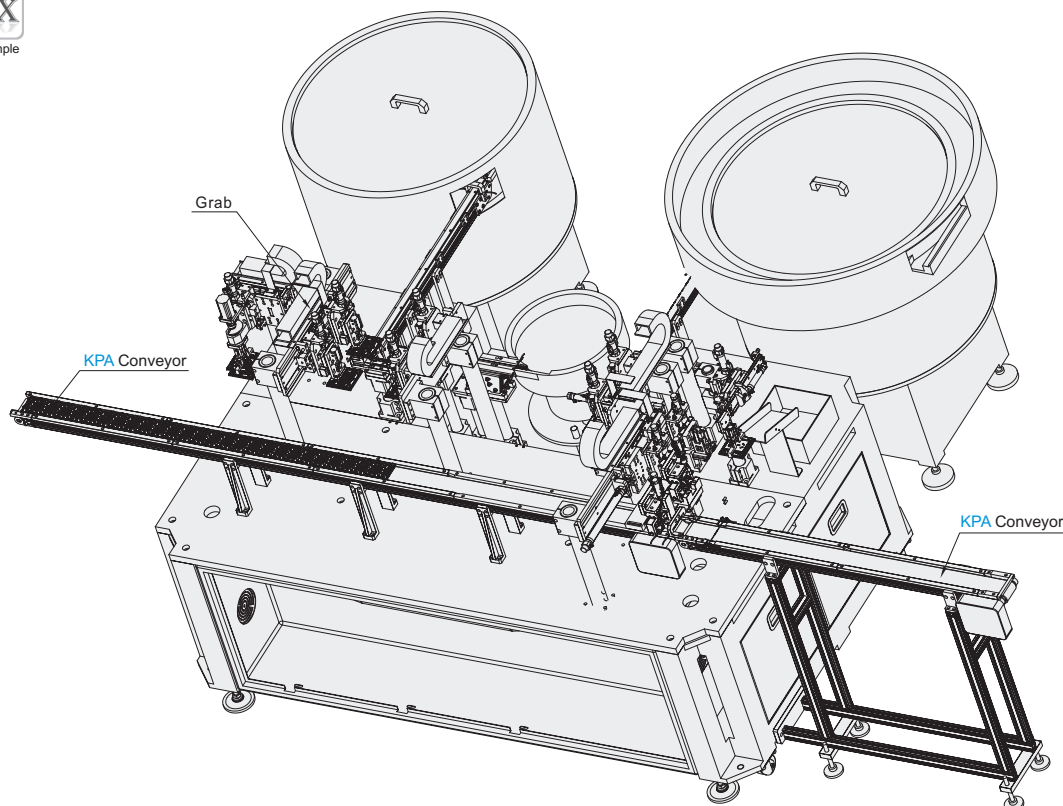


Optional processing

Code		MA		Code		MB ( )	
Spec.	Motor Position Reverse Installation		Ordering Code	MA	Spec.	Attached Rear-mounted Locking Nut	
						Ordering Code MB3 Please specify the number of Attached Rear-mounted Locking Nut. For example, MB3 represents 3 nuts per slot.	



Example



① KPA Series end drive conveyor for small parts relay transmission.

Conveying unit  
B5





# 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	TA100 (Single-Phase) TA220 (Single-Phase)	SCM (Variable Speed Motor)	5 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(Taiwanese Motor) S(Panasonic Motor)
			25	SA200 (Three-Phase)	INV (Inverter)	① 5~9 not applicable for 6W Motor		
			6 25	NV (No Motor)	NM (No Motor)	NH(No 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	TA100 TA220	SCM	5 7.5 9 12.5 15	A(General Purpose, Green) B(General Purpose, White) C(For Sliding, Green)	T(Taiwanese Motor) S(Panasonic Motor)
			25	SA200	INV			

KPG01—B50—L500—25—TA220—SCM—7.5—A—T

### Optional processing

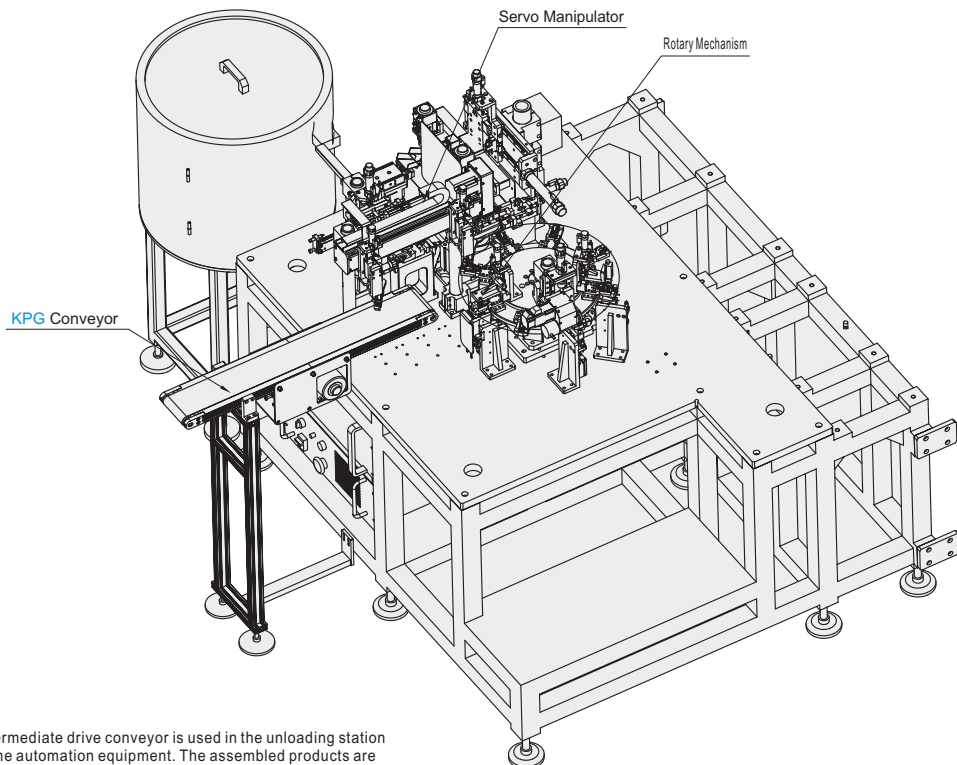
Part Number Code	B	L 5 mm Inc.	Output Power(W)	Voltage(V)	Specification	Gearhead Reduction Ratio	Belt Specification	Motor Manufacturer Selection	Optional Processing Code
KPG01	30~300	355~2000	6 25	TA100 TA220	SCM	5 7.5 9 12.5 15	A(General Purpose, Green) B(General Purpose, White) C(For Sliding, Green)	T(Taiwanese Motor) S(Panasonic Motor)	MC() MB()
			25	SA200	INV				

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



Code	MC()
Spec.	<div> <div>Drive Location Specified</div> <div> </div> </div> <div> <div>Ordering Code</div> <div>MC500</div> </div>

Code	MB()
Spec.	<div> <div>Attached Rear-mounted Locking Nut</div> <div> </div> </div> <div> <div>Ordering Code</div> <div>MB3</div> </div> <div> <div>① Please specify the number of Attached Rear-mounted Locking Nut. For example, MB3 represents 3 nuts per slot.</div> </div>



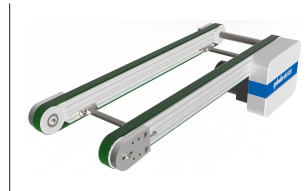
① KPG series intermediate drive conveyor is used in the unloading station of the parts in the automation equipment. The assembled products are transported to the outside of the equipment through the conveyor for the operator to take out without entering the equipment, ensuring the personal safety of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

## ◀ Dual Track

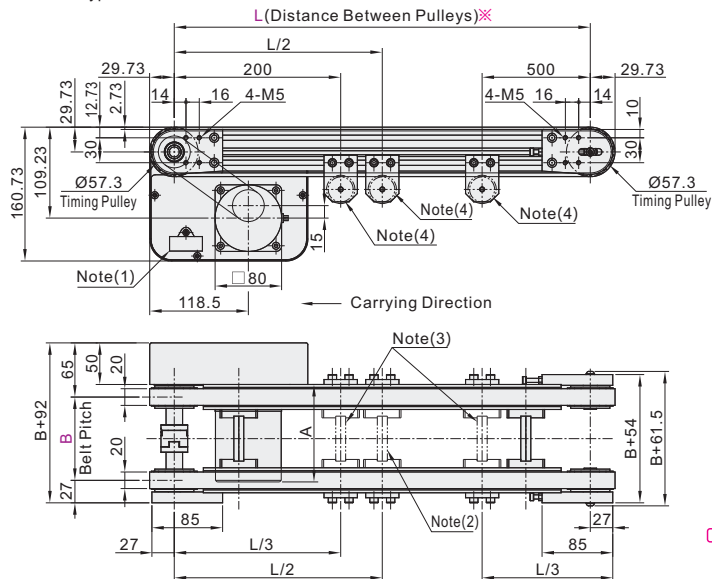
## End Drive, 3-Groove Frame (Pulley Dia. 50mm)

Code	Type	Material			Surface Treatment		
		Frame	Motor Cover	Pulley Holder	Frame	Motor Cover	Pulley Holder
KQJ01	Dual Track	Aluminum			Anodize	Paint	

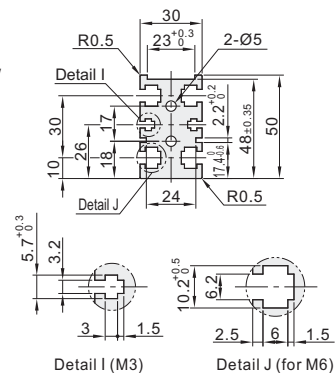
**! Features:** Since there are two rows of conveyor surfaces, sensors and stoppers can be mounted between the belts.



### 25W Motor Type



### Frame Cross Section - Enlarged



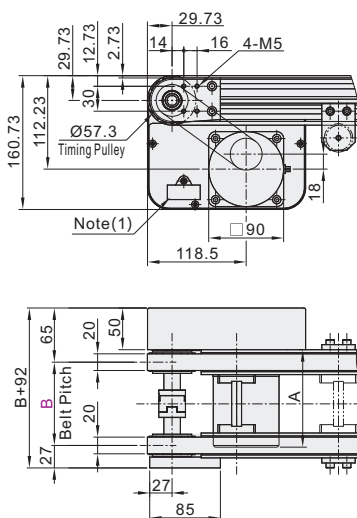
❗ Compatible with GB/T 6170 standard hex nuts.

✖ 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](#).

⚠ Timing belts used is T5 Type(Both Sides Cloth Lined)For Sliding, Green, Black Anti-static.

### 40W Motor Type

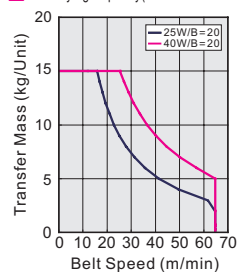


Note 1 Capacitor: Installed on Single-Phase Constant Speed Motor Only.  
 Note 2 When 1005<L<2000, Joints mounted at these locations (1 place).  
 Note 3 When 2005<L<3000, Joints mounted at these locations (2 places).  
 Note 4 Belt Support Roller: When 2005<L<3000, mounted at these locations (3 places)



### The first perspective

Conveying Capacity(Reference Value)



 Gearhead Reduction Ratio

Gearhead Reduction Ratio	Belt Speed (m/min)	
	50Hz	60Hz
5	44.7	53.7
7.5	29.8	35.8
9	24.8	29.8
12.5	17.9	21.4
15	14.9	17.9
18	12.4	14.9
25	8.9	10.7
30	7.4	8.9
36	6.2	7.4
50	4.4	5.3
60	3.7	4.4
75	2.9	3.5
90	2.4	2.9
100	2.2	2.6
120	1.8	2.2
150	1.5	1.8
180	1.2	1.5

⚠ May decrease depending on load condition.

! This transmission speedometer refers to Panasonic motor (1400 RPM), Taiwanese motor (1300 RPM).

## Motor Specifications

Output Power	Motor		Reduction Ratio	A
	Specifications	Manufacturer		
25W	Three-Phase Motor	Taiwanese	5 ~ 18	117
	Variable Speed Motor		20 ~ 180	128.5
			5 ~ 18	128
			20 ~ 180	138.5
	Three-Phase Motor	Panasonic	5 ~ 18	
	Variable Speed Motor		20 ~ 180	115
5 ~ 18				
		20 ~ 180	125	
40W	Three-Phase Motor	Taiwanese	5 ~ 18	147
	Variable Speed Motor		20 ~ 180	165
			5 ~ 18	157
				20 ~ 180
	Three-Phase Motor	Panasonic		142
	Variable Speed Motor		5 ~ 180	152

# Timing Belt Conveyors ◀ Dual Track

End Drive, 3-Groove Frame (Pulley Dia. 50mm)

Part Number		L 5 mm Inc.	Motor					Motor Manufacturer Selection
Code	B(10 mm Inc.)		Output Power(W)	Voltage(V)	Specification	Gearhead Reduction Ratio	Belt Specification	
KQJ01	80~300	265~3000	25	TA100(Single-Phase)	SCM	5 7.5 9 12.5 15	K(Economy Type:General Purpose, White)	T(Taiwanese Motor)
				TA220(Single-Phase)	Variable Speed Motor	18 25 30 36 50	L(Economy Type:For Sliding, Green)	S(Panasonic Motor)
			40	SA200 (Three-Phase)	INV Inverter	60 75 90 100 120 150 180	E(General Purpose, White)	
				NV (No Motor)	NM (No Motor)	NH No Gearhead	D(For Sliding, Green)	
							F(Anti-static, Black)	
							J(No Belt)	W(No Motor, Gearhead)

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

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

❗ Select D (For Sliding, Green): When the timing belt is used for sliding, the side will be slightly fluffed, and the fluffing degree will be different in different working conditions.



Part Number		L 5 mm Inc.	Motor					Motor Manufacturer Selection
Code	B(10 mm Inc.)		Output Power(W)	Voltage(V)	Specifications	Gearhead Reduction Ratio	Belt Specification	
KQJ01	80~300	265~3000	25	TA100(Single-Phase)	SCM	5 7.5 9 12.5 15	D	T(Taiwanese Motor)
			40	SA200 (Three-Phase)	INV Inverter	60 75 90 100 120 150 180	J	S(Panasonic Motor)

KQJ01—B100—L500—25—TA220—SCM—15—D—T

❑ Optional processing

Part Number		L 5 mm Inc.	Motor					Motor Manufacturer Selection	Optional Processing Code
Code	B(10 mm Inc.)		Output Power(W)	Voltage(V)	Specifications	Gearhead Reduction Ratio	Belt Specification		
KQJ01	80~300	265~3000	25	TA100(Single-Phase)	SCM	5 7.5 9 12.5 15	D	T(Taiwanese Motor)	MA
			40	SA200 (Three-Phase)	INV Inverter	60 75 90 100 120 150 180	J	S(Panasonic Motor)	MB( )

KQJ01—B100—L500—25—TA220—SCM—15—D—T—MA



Code	MA	
Spec.		

Ordering Code MA

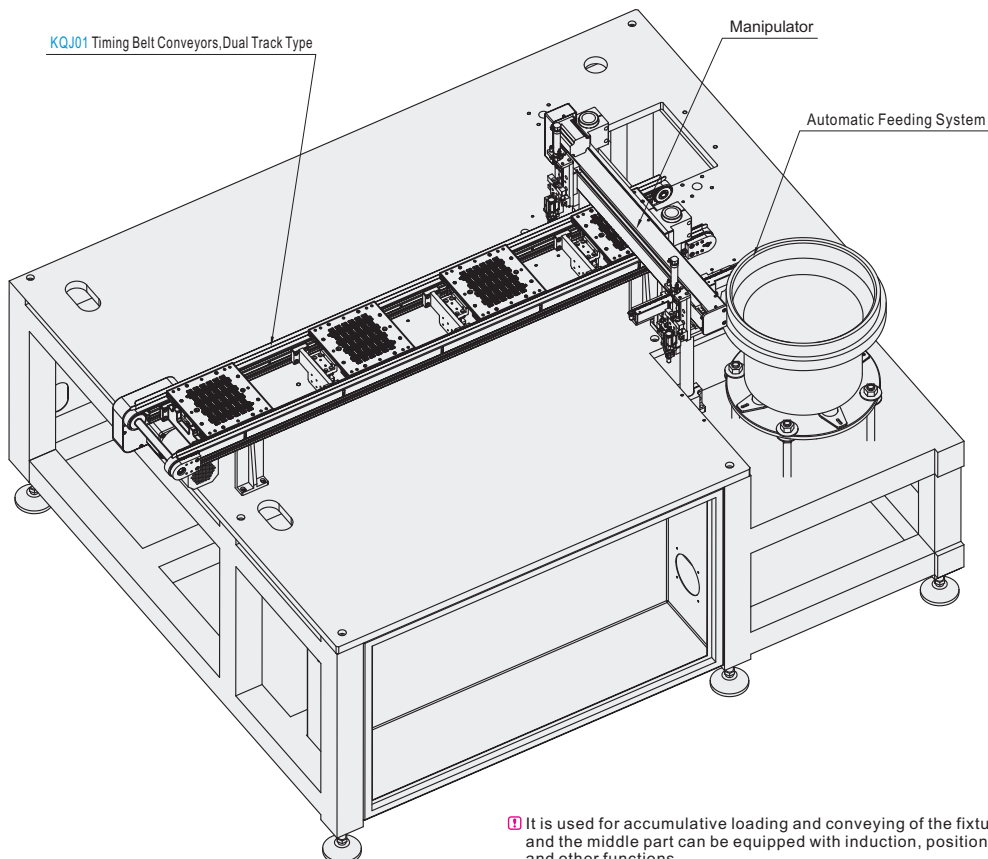
Code	MB( )	
Spec.		

Ordering Code MB3

❗ Please specify the number of Attached Rear-mounted Locking Nut. For example, MB3 represents 3 nuts per slot.



KQJ01 Timing Belt Conveyors, Dual Track Type



❗ It is used for accumulative loading and conveying of the fixture, and the middle part can be equipped with induction, positioning and other functions.

# Timing Belt Conveyors

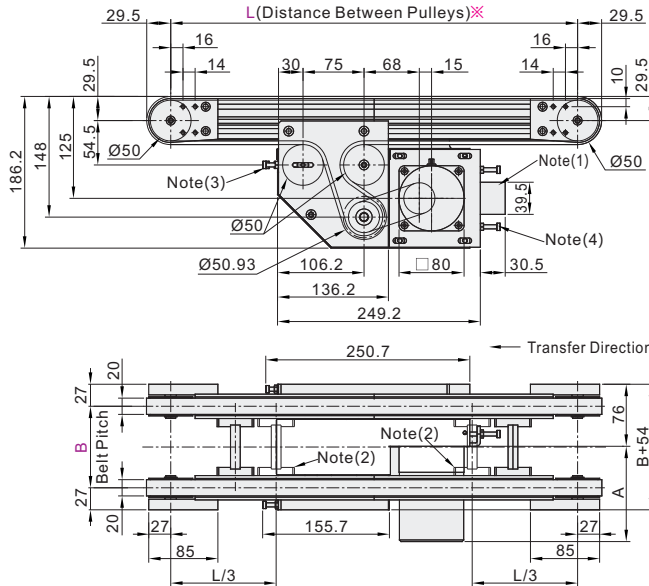
## Dual Track

Center Drive, 3-Groove Frame (Pulley Dia. 50mm)

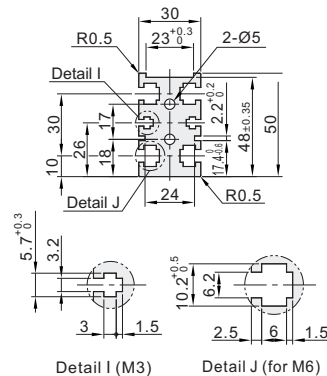
Code	Type	Material				Surface Treatment			
		Frame	Motor Cover 1	Motor Cover 2	Pulley Holder	Frame	Motor Cover 1	Motor Cover 2	Pulley Holder
KQN01	Dual Track	Aluminum				Anodize			Paint

**Features:** Since there are two rows of conveyor surfaces, sensors and stoppers can be mounted between the belts. The Center Drive configuration allows drive section position adjustments.

### 25W Motor Type



Frame Cross Section - Enlarged



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.

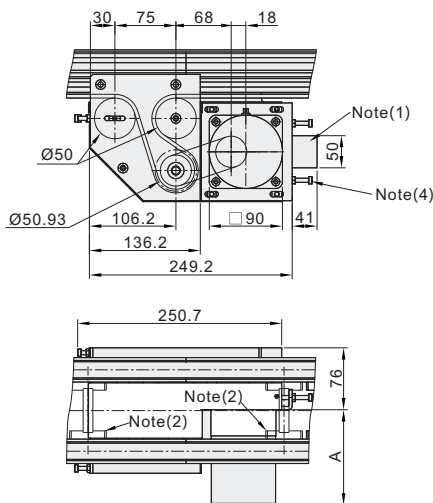
When counterbores for inserting nuts are required, please Select from optional processing.

① M6 frame slot can be used for: rear-mounted locking nut AHL22-206-M3 /M4/M5.

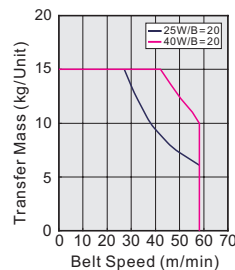
② Timing belts used is T5 Type(Both Sides Cloth Lined)For Sliding, Green, Black Anti-static.

③ The drive section can be moved to a desired position within the aluminum extrusion slots.

### 40W Motor Type



### Conveying Capacity(Reference Value)



### Gearhead Reduction Ratio

Gearhead Reduction Ratio	Belt Speed (m/min)	
	50Hz	60Hz
5	48.0	57.6
7.5	32.0	38.4
9	26.7	32.0
12.5	19.2	23.0
15	16.0	19.2
18	13.3	16.0
25	9.6	11.5
30	8.0	9.6
36	6.7	8.0
50	4.8	5.8
60	4.0	4.8
75	3.2	3.8
90	2.7	3.2
100	2.4	2.9
120	2.0	2.4
150	1.6	1.9
180	1.3	1.6

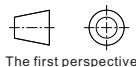
① May decrease depending on load condition.

② This transmission speedometer refers to panasonic motor (1400 RPM), Taiwanese motor (1300 RPM ).

### Motor Specifications

Output Power	Motor		Reduction Ratio	A
	Specification	Manufacturer		
25W	Three-Phase Motor	Taiwanese	5~18	117
			20~180	128.5
	Variable Speed Motor	Taiwanese	5~18	128
			20~180	138.5
	Three-Phase Motor	Panasonic	5~18	115
			20~180	125
40W	Three-Phase Motor	Taiwanese	5~18	147
			20~180	165
	Variable Speed Motor	Taiwanese	5~18	157
			20~180	175
	Three-Phase Motor	Panasonic	5~18	142
			20~180	152

Note 1 Capacitor: Installed on Single-Phase Constant Speed Motor Only.  
Note 2 When  $2005 < L < 3000$ , Joints mounted at these locations (2 places).  
Note 3 M5 Screw for Tension  
Note 4 M5 Screw for Tension



# Timing Belt Conveyors ◀ Dual Track

Center Drive, 3-Groove Frame (Pulley Dia. 50mm)

Part Number		L 5 mm Inc.	Motor				Motor Manufacturer Selection
Code	B(10 mm Inc.)		Output Power(W)	Voltage(V)	Specification	Gearhead Reduction Ratio	
KQN01	80~300	325~3000	25 40	TA100(Single-Phase) TA220(Single-Phase)	SCM Variable Speed Motor	5 7.5 9 12.5 15 18 25 30 36 50	K(Economy Type:General Purpose, White) L(Economy Type:For Sliding, Green) E(General Purpose, White) D(For Sliding, Green) F(Anti-static, Black) J(No Belt)
				SA200 (Three-Phase)	INV Inverter	60 75 90 100 120 150 180	
				NV (No Motor)	NM (No Motor)	NH No Gearhead	

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

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

❗ Select D (For Sliding, Green): When the timing belt is used for sliding, the side will be slightly fluffed, and the fluffing degree will be different in different working conditions.



Part Number		L 5 mm Inc.	Motor				Motor Manufacturer Selection
Code	B(10 mm Inc.)		Output Power(W)	Voltage(V)	Specifications	Gearhead Reduction Ratio	
KQN01	80~300	325~3000	25 40	TA100(Single-Phase) TA220(Single-Phase)	SCM Variable Speed Motor	5 7.5 9 12.5 15 18 25 30 36 50	D For Sliding, Green J No Belt
				SA200 (Three-Phase)	INV Inverter	60 75 90 100 120 150 180	

KQN01—B100—L500—25—TA220—SCM—15—D—T

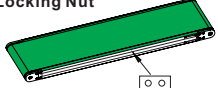
❑ Optional processing

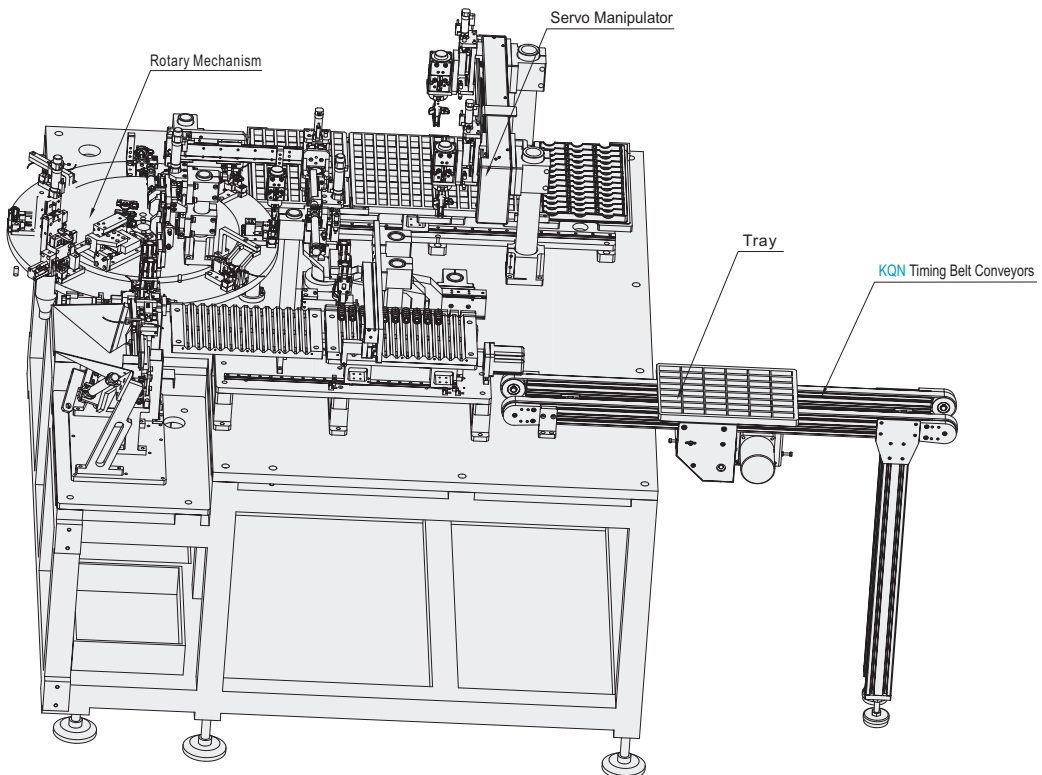
Part Number		L 5 mm Inc.	Motor				Motor Manufacturer Selection	Optional Processing Code
Code	B(10 mm Inc.)		Output Power(W)	Voltage(V)	Specifications	Gearhead Reduction Ratio		
KQN01	80~300	325~3000	25 40	TA100(Single-Phase) TA220(Single-Phase)	SCM Variable Speed Motor	5 7.5 9 12.5 15 18 25 30 36 50	D For Sliding, Green J No Belt	T(Taiwanese Motor) S(Panasonic Motor)
				SA200 (Three-Phase)	INV Inverter	60 75 90 100 120 150 180		

KQN01—B100—L1500—25—TA220—SCM—15—D—T—MC500



Code	MC ( )	
Spec.	Drive Location Specified ← Direction of Conveyance MC ( )	Ordering Code MC500

Code	MB ( )	
Spec.	Attached Rear-mounted Locking Nut 	Ordering Code MB3 ❗ Please specify the number of Attached Rear-mounted Locking Nut. For example, MB3 represents 3 nuts per slot.



❗ KQN Series of center drive timing belt conveyor, conveyor used in automatic equipment parts loading station.



# Plastic Chain Conveyors

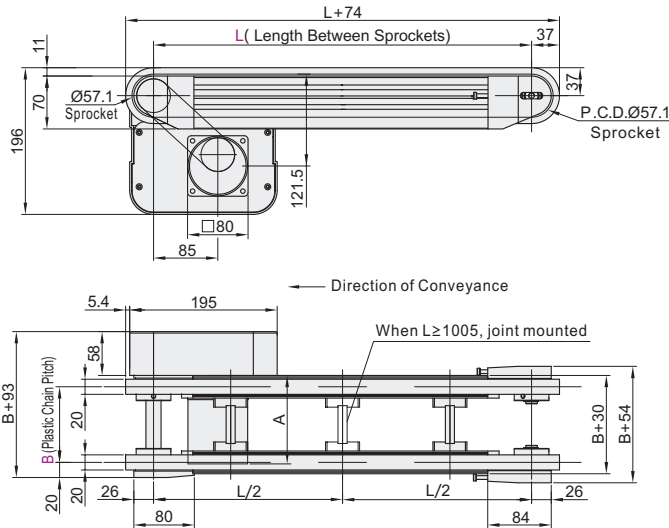
## Dual Track

End Drive, 3-Groove Frame (Sprocket Dia. 57mm)

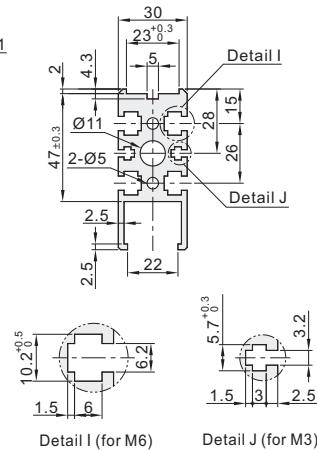
Code	Type	Material				Surface Treatment			
		Frame	Motor Cover	Pulley Holder	Plastic Chain	Frame	Motor Cover	Pulley Holder	Plastic Chain
KRA01	Dual Track	Aluminum	SPCC	Aluminum	Polyacetal	Anodize	Paint	Clear Anodize	—

Features: Since there are two rows of conveyor surfaces, sensors and stoppers can be mounted in between the belts. Use of Plastic Chains prevents scratches, and makes for easy maintenance.

### 25W Motor Type



Frame Cross Section - Enlarged



Compatible with GB/T 6170 standard hex nuts.

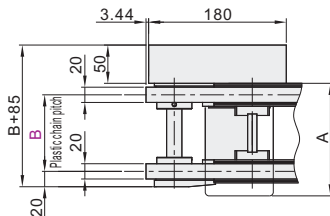
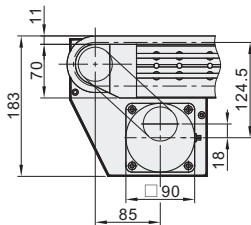
※ When  $L \leq 1000$ , each slot has four (4) nuts inserted. When  $L > 1000$  each slot has six (6) nuts inserted.

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

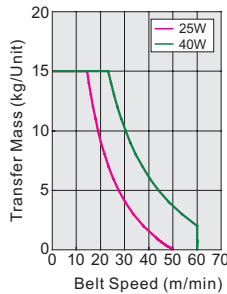
① M6 frame slot can be used for: rear-mounted locking nut [AHL22-206-M3 /M4/M5](#).

② Plastic chains and sprockets are 40B series.

### 40W Motor Type



Conveying Capacity (Reference Value)



Gearhead Reduction Ratio

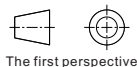
Gearhead Reduction Ratio	Belt Speed (m/min)	
	50Hz	60Hz
5	53.7	64.4
7.5	35.8	43.0
9	29.8	35.8
12.5	21.5	25.8
15	17.9	21.5
18	14.9	17.9
25	10.7	12.9
30	9.0	10.7
36	7.5	9.0
50	5.4	6.4
60	4.5	5.4
75	3.6	4.3
90	3.0	3.6
100	2.7	3.2
120	2.2	2.7
150	1.8	2.1
180	1.5	1.8

① May decrease depending on load condition.

② This transmission speedometer refers to panasonic motor (1400 RPM), Taiwanese motor (1300 RPM).

Motor Specifications

Output Power	Motor Specification		Reduction Ratio	A
	Specification	Manufacturer		
25W	Three-Phase Motor	Taiwanese	5~18	117
			20~180	128.5
	Variable Speed Motor	—	5~18	128
			20~180	138.5
	Three-Phase Motor	Panasonic	5~18	115
			20~180	125
40W	Three-Phase Motor	Taiwanese	5~18	147
			20~180	165
	Variable Speed Motor	—	5~18	157
			20~180	175
	Three-Phase Motor	Panasonic	5~18	142
			5~180	152



The first perspective

# Plastic Chain Conveyors

## Dual Track

End Drive, 3-Groove Frame (Sprocket Dia. 57mm)

Part Number		L 5 mm Inc.	Motor					Motor Manufacturer Selection
Code	B(10 mm Inc.)		Output Power(W)	Voltage(V)	Specification	Gearhead Reduction Ratio	Belt Specification	
KRA01	80~300	300~3000	25	TA100(Single-Phase) TA220(Single-Phase)	SCM Variable Speed Motor	5 7.5 9 12.5 15 18 25 30 36 50 60 75	A(General Purpose) J(No Belt)	T(Taiwanese Motor) S(Panasonic Motor)
				SA200 (Three-Phase)	INV Inverter	90 100 120 150 180		
			40	NV (No Motor)	NM (No Motor)	NH No Gearhead		W(No Motor, Gearhead)

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

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



Please order as shown

Part Number		L 5 mm Inc.	Motor					Motor Manufacturer Selection
Code	B(10 mm Inc.)		Output Power(W)	Voltage(V)	Specification	Gearhead Reduction Ratio	Belt Specification	
KRA01	80~300	300~3000	25	TA100(Single-Phase) TA220(Single-Phase)	SCM Variable Speed Motor	5 7.5 9 12.5 15 18 25 30 36 50	General Purpose J No Belt	T(Taiwanese Motor) S(Panasonic Motor)
			40	SA200 (Three-Phase)	INV Inverter	60 75 90 100 120 150 180		

KRA01—B100—L500—25—TA220—SCM—15—A—F215—T


❑ Optional processing

Part Number		L 5 mm Inc.	Motor					Motor Manufacturer Selection	Optional Processing Code
Code	B(10 mm Inc.)		Output Power(W)	Voltage(V)	Specifications	Gearhead Reduction Ratio	Belt Specification		
KRA01	80~300	300~3000	25	TA100(Single-Phase) TA220(Single-Phase)	SCM Variable Speed Motor	5 7.5 9 12.5 15 18 25 30 36 50 60 75	General Purpose J No Belt	T(Taiwanese Motor) S(Panasonic Motor)	MA MB( )
			40	SA200 (Three-Phase)	INV Inverter	90 100 120 150 180			

KRA01—B100—L1500—25—TA220—SCM—15—A—F215—T—MA

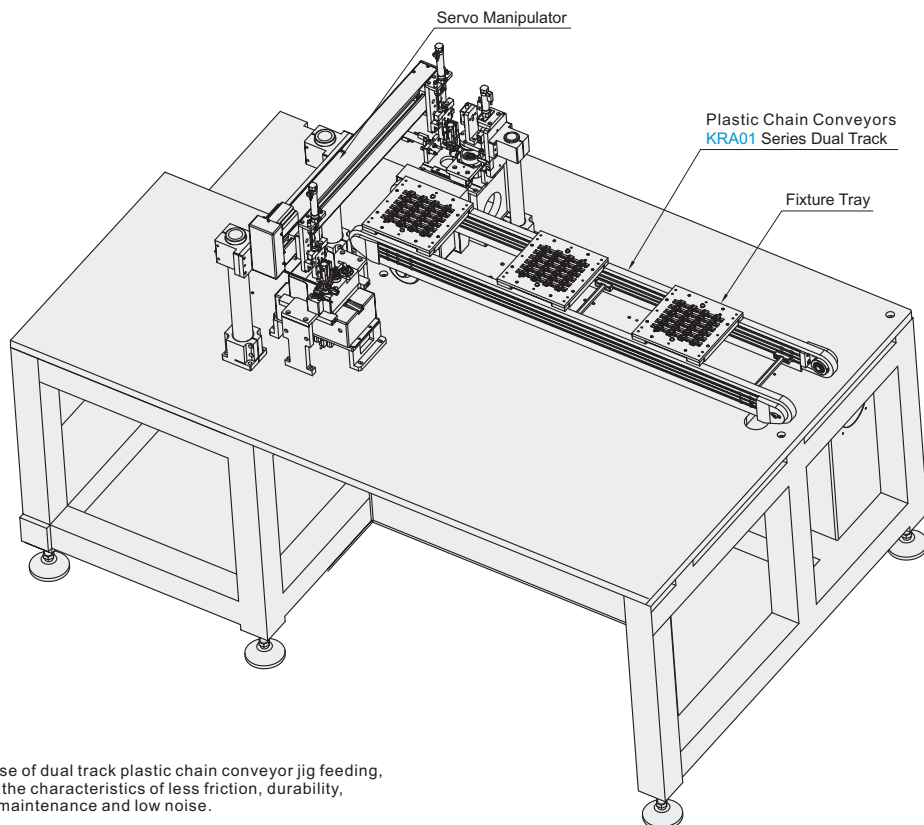


Optional processing

Code		MA		Code		MB( )	
Spec.	Motor Position Reverse Installation		Ordering Code	MA	Spec.	Attached Rear-mounted Locking Nut	
						Ordering Code	MB3
						❗ Please specify the number of Attached Rear-mounted Locking Nut. For example, MB3 represents 3 nuts per slot.	



Example



❗ The use of dual track plastic chain conveyor jig feeding. It has the characteristics of less friction, durability, easy maintenance and low noise.

Code	Type	Material			Surface Treatment
		Frame	Motor Cover	Pulley Holder	Frame
KSD02	Circular rail fixture indexing system	Aluminum			Anodize

### Product Introduction

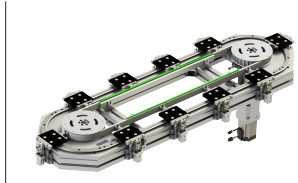
- The ring indexing system is driven by a servo motor, and the ring indexing system can be controlled by inputting a control signal, which can meet various forms of transmission movement;
- The fixture is installed on the system slider. Connecting through the floating pin and the timing belt, the floating pin connection ensures the smooth transportation of the slider on the straight track and corrects the internal deviation of the slider after the slider enters a bend in real time.
- The system uses an independent positioning module for secondary positioning. The system can realize simultaneous transfer and positioning of multiple accompany fixtures, which is a smooth and high-speed transfer of workpieces between stations of automation equipment.

### Product Features

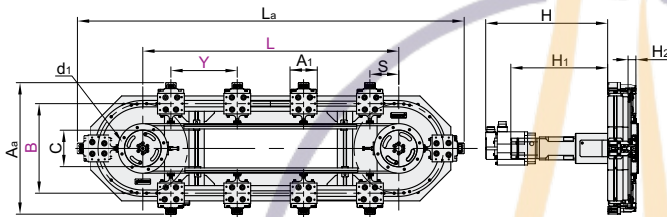
- The product has compact structure, beautiful appearance, stable operation and no noise;
- This circular indexing fixture conveyor line have 25 series and 44 series. Each series is divided into two models according to the diameter of the ring rail, which can fully meet the various sizes and work requirements of customers.
- The track is made of high-quality imported bearing steel and processed by a CNC rail grinder. The working surface is hardened and has very good wear resistance.
- Non-standard design and manufacturing can be carried out according to the product size and equipment layout provided by the customer.

### Applications

- It is mostly used for small and medium-sized assembling and testing automation equipment to realize the high-speed transmission of products between stations;
- It is often used together with a pure cam grabbing system to achieve high-speed product transmission and high-speed grabbing.



Q(Round): A positioning fixture indexing conveying system of each series



### Slider Installation Size

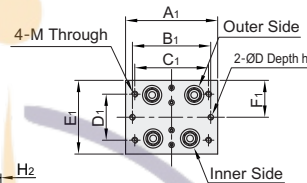
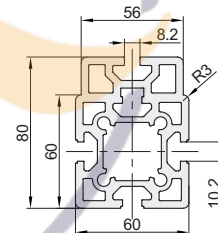
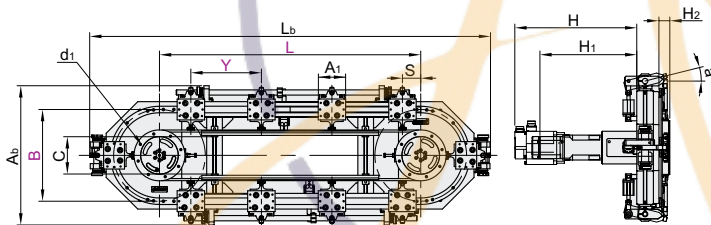


Diagram of the moving direction of the slider

Slider installation Size of each series									
No.	A <sub>1</sub>	B <sub>1</sub>	C <sub>1</sub>	E <sub>1</sub>	F <sub>1</sub>	D <sub>1</sub>	D	h	M
B255	100	85 $\pm 0.01$	80	80	40 $\pm 0.01$	50	6 $^{+0.02}_0$	5	M6
B300	100	85 $\pm 0.01$	80	80	40 $\pm 0.01$	50	6 $^{+0.02}_0$	5	M6
B351	105	90 $\pm 0.01$	85	80	40 $\pm 0.01$	50	6 $^{+0.02}_0$	5	M6
B468	145	125 $\pm 0.01$	120	116	58 $\pm 0.01$	75	8 $^{+0.02}_0$	5	M8
B612	150	130 $\pm 0.01$	125	116	58 $\pm 0.01$	75	8 $^{+0.02}_0$	5	M6

Q(Round): B positioning fixture indexing conveying system of each series

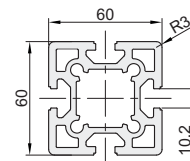
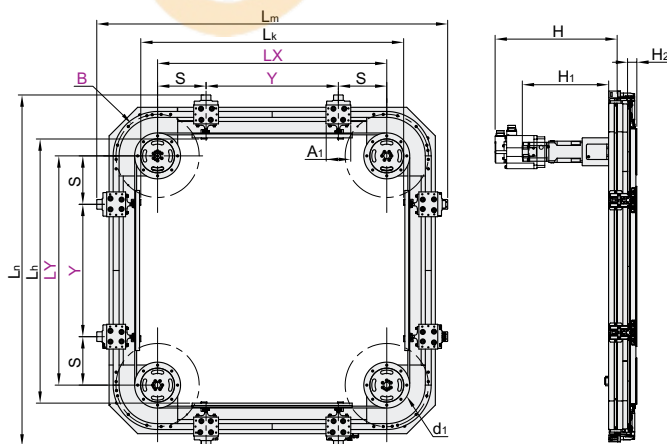
Corresponding profile for fixture indexing conveying system



High Precision GB/T6892-2015 6080 Customize Profile  
AHC21-4010-M6 specification nut can be used

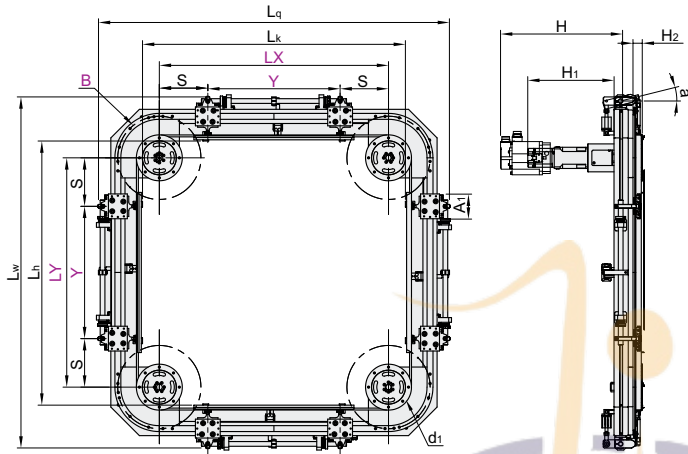
W(Rectangle): A positioning fixture indexing conveying system of each series

Corresponding profile for fixture indexing conveying system

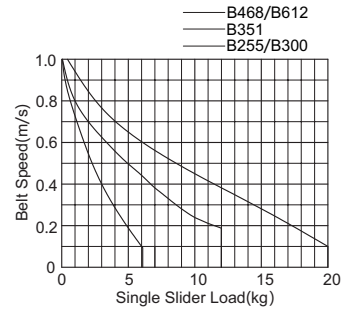


High Precision GB/T6892-2015 6060 Profile  
AHC21-4010-M6 specification nut can be used

W(Rectangle):  
B positioning fixture indexing conveying system of each series



Transmission capacity of Circular track horizontal installation (reference value)



- ① B255&B300&B351 static load capacity is 15kg; and the velocity 0m/s;
- ② B468&B612 static load capacity is 30kg; and the velocity 0m/s;
- ③ The above load-speed curve diagram shows the horizontal installation of the guide rail in lubrication state, the gravity is at the center of the slide block, and the working environment without partial load. Please contact us if there is any partial load condition;
- ④ If the number of sliders increases, the load-bearing capacity of the rail system will vary with the number of sliders. Note: When the ring rail is installed vertically, the corresponding load needs to be halved.

(Single Side station QTYx Station pitch-300)/2

Correspondence table of circular fixture indexing system

No.	Aa	La	B	Ab	Lb	C (Inner Width)	L	d1 (Timing Pulley Perimeter)	S (When the straight line segment and the circle segment need positioning again)	Y (When the straight line segment and the circle segment need positioning again)	H1	H	H2 (Installation height from the top surface of the slider to the bottom surface of the guide rail)	a (Positioning swing angle)
B255	420	L+416	255	440	L+436	47	(Single Side station QTYx Station pitch-300)/2	300		≥120				
B300	465	L+465	300	485	L+485	91	(Single Side station QTYx Station pitch-440)/2	440	≥30	≥140			30.5	
B351	516	L+514	351	536	L+534	142	(Single Side station QTYx Station pitch-600)/2	600		≥180	≤400	≤500		14°
B468	669	L+665	468	689	L+685	225	(Single Side station QTYx Station pitch-860)/2	860	≥40	≥260				
B612	813	L+808	612	833	L+828	371	(Single Side station QTYx Station pitch-1200)/2	1320		≥380			38.5	

Correspondence table of rectangular fixture indexing system

No.	Lm	Ln	B	Lq	Lw	Lk (Inner Width)	Lh (Inner Width)	LX	LY	d1 (Timing Pulley Perimeter)	S (When the straight line segment and the circle segment need positioning again)	Y (When the straight line segment and the circle segment need positioning again)	H1	H	H2 (Installation height from the top surface of the slider to the bottom surface of the guide rail)	a (Positioning swing angle)
B255	LX+416	LY+416	255	LX+436	LY+436	LX+60	LY+60	(Single Side station QTY-1)x Station pitch+62	(Single Side station QTY-1)x Station pitch+62	300		≥120				
B300	LX+465	LY+465	300	LX+485	LY+485	LX+92	LY+92	(Single Side station QTY-1)x Station pitch+62	(Single Side station QTY-1)x Station pitch+62	440	≥30	≥140			30.5	
B351	LX+514	LY+514	351	LX+534	LY+534	LX+144	LY+144	(Single Side station QTY-1)x Station pitch+62	(Single Side station QTY-1)x Station pitch+62	600		≥180	≤400	≤500		14°
B468	LX+665	LY+665	468	LX+685	LY+685	LX+226	LY+226	(Single Side station QTY-1)x Station pitch+62	(Single Side station QTY-1)x Station pitch+62	860	≥40	≥260				
B612	LX+808	LY+808	612	LX+828	LY+828	LX+372	LY+372	(Single Side station QTY-1)x Station pitch+62	(Single Side station QTY-1)x Station pitch+62	1320		≥380			38.5	

Part Number Code	Repead stations No. of Stations	B Circular Track Diameter (mm)	Circular Track Type	L Guild Rail Length	Y Adjacent Stations Center Distance	Circular Track Installation Type	Positioning Type	Circular Track Configuration	Servo Brand	Servo Power (W)	Reducer Ratio	Motor Input Voltage (V)	Output Signal	No positioning tolerance in X-direction movement (mm)	YZ axis horizontal height repeat positioning accuracy (mm)	The highest repositioning accuracy in the X-axis moving direction (mm)
KSD02	2~30	255 300 351 468 612	Q (Round)	300~6000	120~1600 (Min Unit 20)	R (Horizontal) L (Vertical)	A (Single cylinder control, straight top mode) B (Cylinder single or multiple Control, joystick mode)	B: Standard J: Economic B: Standard	S (Panasonic) M (Mitsubishi) T (Delta) A (Yaskawa) K (Inovance) X (Siemens) Q (Others)	750 1500 1500	40	220 380 380	N (NPN) P (PNP)	±2	B Standard: ±0.1 J Economic: ±0.2	±0.05

Part Number Code	Repead stations No. of Stations	B Circular Track Diameter (mm)	Circular Track Type	LX Length LY Length	Y Adjacent Stations Center Distance	Circular Track Installation Type	Positioning Type	Circular Track Configuration	Servo Brand	Servo Power (W)	Reducer Ratio	Motor Input Voltage (V)	Output Signal	No positioning tolerance in X-direction movement (mm)	YZ axis horizontal height repeat positioning accuracy (mm)	The highest repositioning accuracy in the X-axis moving direction (mm)
KSD02	2~30	255 300 351 468 612	w (Rectangle)	300~6000 300~6000	120~1600 (Min Unit 20)	R (Horizontal) L (Vertical)	A (Single cylinder control, straight top mode) B (Cylinder single or multiple Control, joystick mode)	B: Standard J: Economic B: Standard	S (Panasonic) M (Mitsubishi) T (Delta) A (Yaskawa) K (Inovance) X (Siemens) Q (Others)	750 1500 1500	40	220 380 380	N (NPN) P (PNP)	±2	B Standard: ±0.1 J Economic: ±0.2	±0.05

- ① J: Economic (Economical circular track, cylinder brand is Airtac).
- ② B: Standard (Precision circular track, cylinder brand is SMC).

Q (Round)

Part Number Code	Repead stations No. of Stations	B Circular Track Diameter	Circular Track Type	L Guild Rail Length	Y Adjacent Stations Center Distance	Circular Track Installation Type	Positioning Type	Circular Track Configuration	Servo Brand	Servo Power	Reducer Ratio	Motor Input Voltage (V)	Output Signal
KSD02	2~30	255 300 351	Q (Round)	300~6000	120~1600 (Min Unit 20)	R (Horizontal) L (Vertical)	A (Single cylinder control, straight top mode) B (Cylinder single or multiple Control, joystick mode)	B: Standard J: Economic	S (Panasonic) M (Mitsubishi)	750~1500	40	220 380	N (NPN) P (PNP)

KSD02 - 10 - 6 - B300 - Q - L1880 - Y420 - R - A - B - S - 750 - 40 - 220 - N

W (Rectangle)

Part Number Code	Repead stations No. of Stations	B Circular Track Diameter	Circular Track Type	LX Length LY Length	Y Adjacent Stations Center Distance	Circular Track Installation Type	Positioning Type	Circular Track Configuration	Servo Brand	Servo Power	Reducer Ratio	Motor Input Voltage (V)	Output Signal
KSD02	2~30	255 300 351	w (Rectangle)	300~6000 300~6000	120~1600 (Min Unit 20)	R (Horizontal) L (Vertical)	A (Single cylinder control, straight top mode) B (Cylinder single or multiple Control, joystick mode)	B: Standard J: Economic	S (Panasonic) M (Mitsubishi)	750~1500	40	220 380	N (NPN) P (PNP)

KSD02 - 10 - 6 - B300 - Q - LX1880 - LY340 - Y420 - R - A - B - S - 750 - 40 - 220 - N



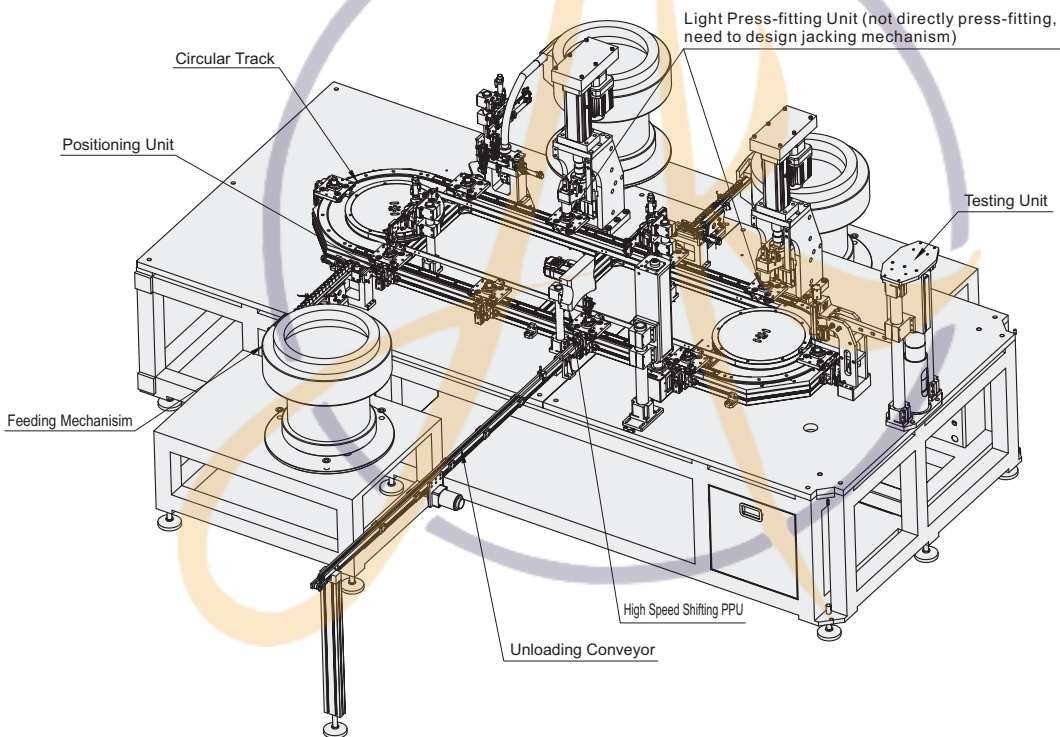
### ① Model Selection Instructions:

- ① **B255** is suitable for medium-speed of general load, the max load of a single carriage reach 6kg, and the speed not exceed 0.5m/s, which apply to the equipment circular indexing device with space requirements in the width direction; Recommend load and speed 3kg, 0.5m/s;
- ② **B300** is suitable for medium-speed of general load, the max load of a single carriage reach 6kg, and the speed not exceed 0.5m/s, which apply to the equipment circular indexing device with space requirements in the width direction; Recommend load and speed 3kg, 0.5m/s; ;
- ③ **B351** is suitable for medium-speed of general load, the max load of a single carriage reach 12kg, and the speed not exceed 0.5m/s. The B351 system has stronger carrying capacity and compact structure, which is also suitable for circular indexing requirements in a small space. Generally, the recommended load and speed are: 5kg, 0.5m/s;
- ④ **B468** is suitable for medium and high speed with general load. The max load capacity of a single slide block is 20kg. B468 is suitable for occasions with a relatively wide width and heavy load. Generally, it is recommended to use a load of 10kg and 0.5m/s;
- ⑤ **B612** is suitable for medium and high-speed general loads. The load-bearing capacity of the guide rail is same as B468, but its slider is larger than B468. The maxdynamic load of its single slider is 20kg and the speed below 0.1m/s, which is also suitable for Wider requirements and heavier loads occasions. It is recommended to use a load of 10kg and 0.5m/s.
- ⑥ When there is lots sliders, the total load exceeds 80KG, which required fast linear speed and the load exist eccentric it is recommended to use a 1500W high-power motor (for details, please contact our technicians for confirmation);
- ⑦ The Y value of the station spacing must be an integral multiple of 20;
- ⑧ The noise of the fixture indexing series is about 60~85D (vary according to the operating speed and the surrounding application places);
- ⑨ The circular fixture track indexing system is suitable for product transportation, grabbing, and tooling assembly.



Example

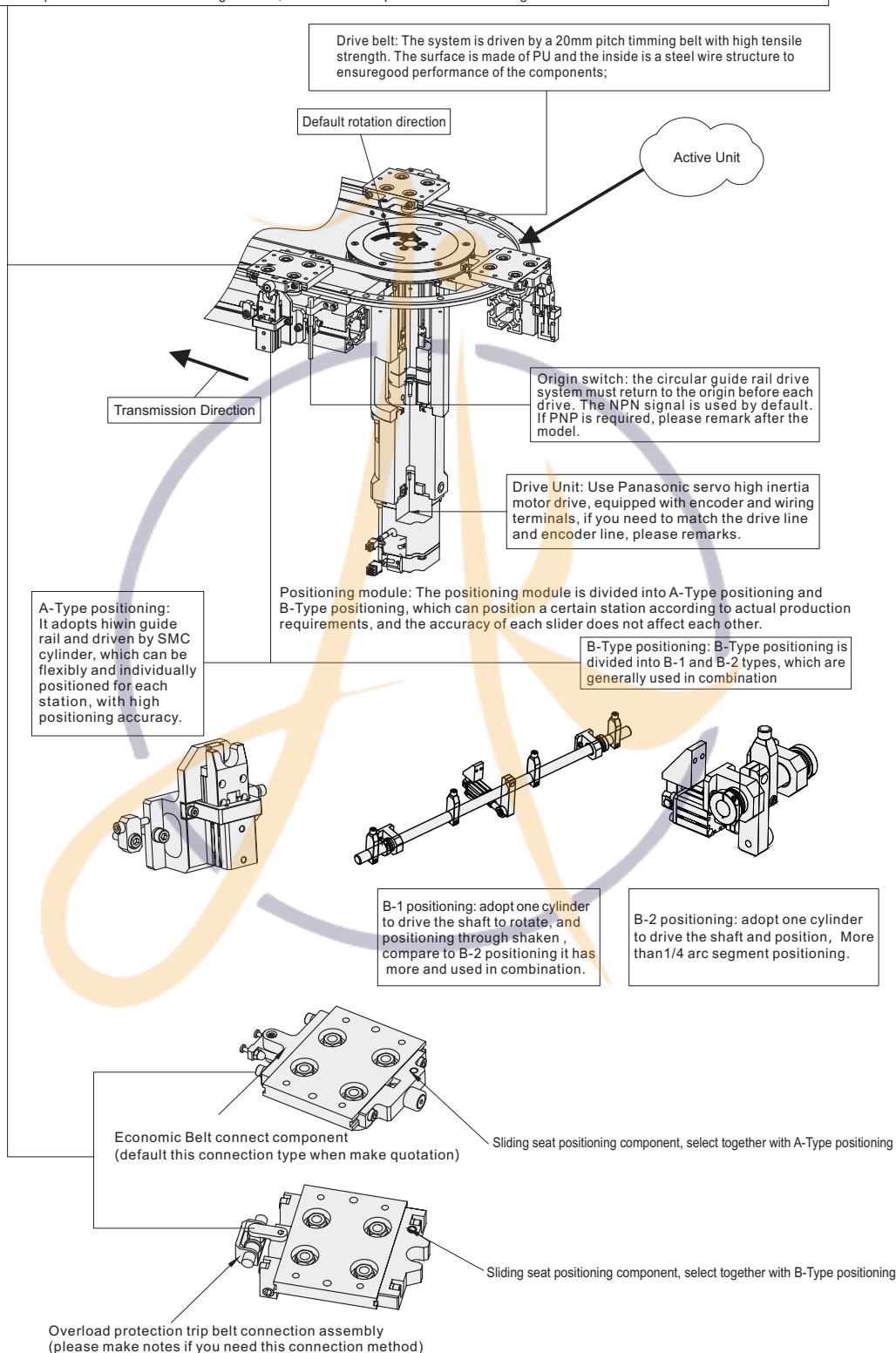
- Servo motor drive, synchronous transmission between guide rail and belt, realize circular indexing;
- The number of workstations can be customized according to customer needs, and the speed is stable and adjustable during transportation without noise;
- Compact structure and beautiful appearance;
- Non-standard design and manufacturing is available to meet different customers requirements.





### Introduction

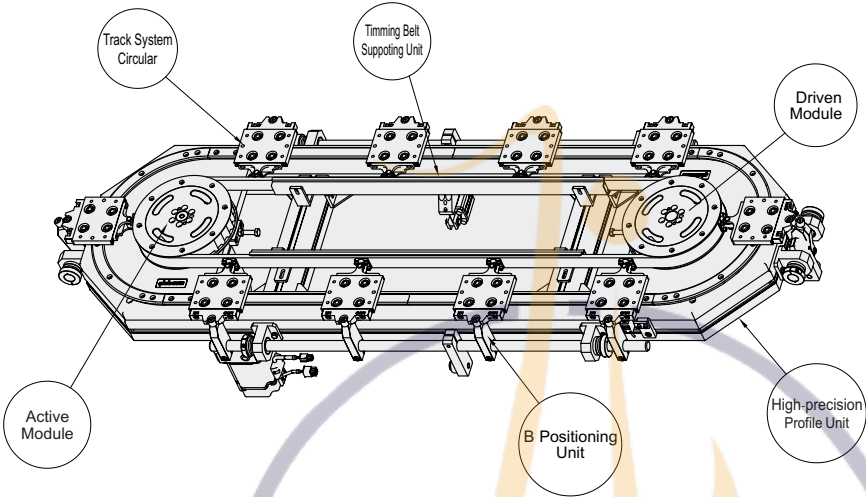
Track: KSD02 is built using PARO guide rails. PARO rail is a steel rail with good bearing capacity and high precision, made of high-quality imported bearing steel. The modular design can easily connect the linear guide rail and the arc guide rail; the mating surface of the sliding seat and the guide rail is a V-shaped working surface, which has very good wear resistance after special hardening treatment, which can guarantee the performance and life of the guide rail, and ensure the precision level of the guide rail.





Example Display

Example Model	KSD02 — 10 — 10 — Q — B300 — L880 — Y220 — R — B — J — S — 750 — 40 — 220 — N
Application	Marking, welding, testing, packaging, dispensing, etc.
Recomend Speed	0.5m/s
X-axis Positioning Accuracy	±0.05
Recomend Load	1-8kg (Single Slide Seat)
Features	Good versatility, high space utilization, efficient and stable operation, no noise



Example Model	KSD02 — 8 — 8 — B300 — W — LX1200 — LY340 — Y440 — R — A — J — S — 1500 — 40 — 220 — N
Application	Marking, welding, testing, packaging, dispensing, etc.
Recomend Speed	0.5m/s
X-axis Positioning Accuracy	±0.05
Recomend Load	1-15kg (Single Slide Seat)
Features	Good versatility, high space utilization, efficient and stable operation, no noise

