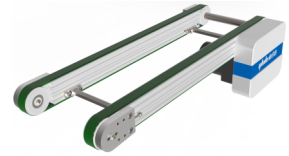


Timing Belt Conveyors

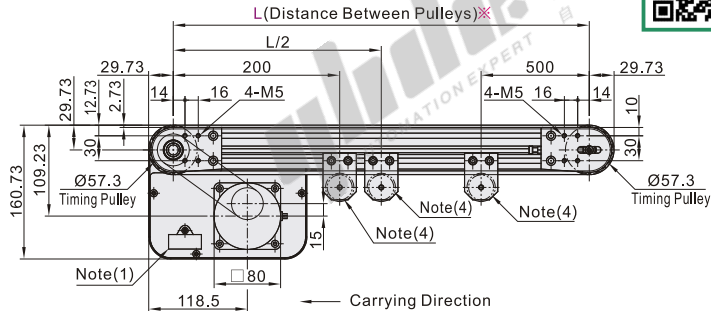
End Drive, 3-Groove Frame (Pulley Dia. 50mm)

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

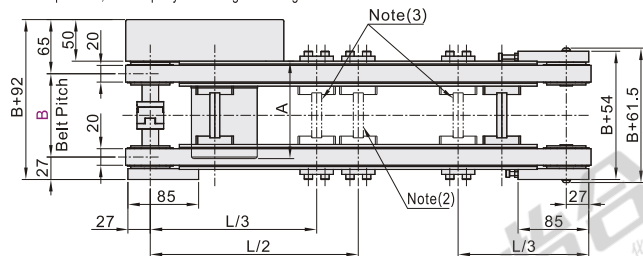
! Features: Since there are two rows of conveyor surfaces, sensors and stoppers can be mounted between the belts.



25W Motor Type



! 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.

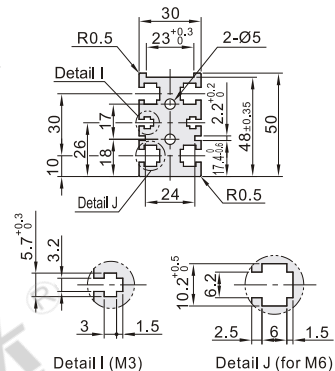


※ When $L \leq 1000$, each slot has four (4) nuts inserted. When $L > 1000$ each slot has six (6) nuts inserted.
When counterbores for inserting nuts are required, please Select from optional processing.

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

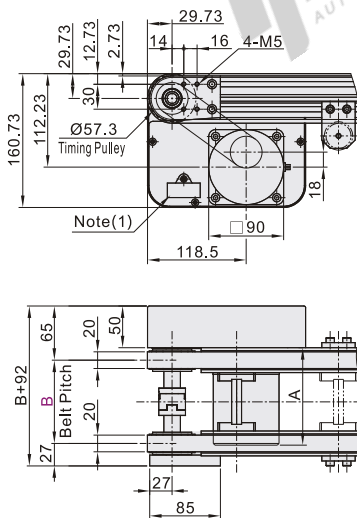
⚠ Timing belts used is T5 Type(Both Sides Cloth Lined)For Sliding, Green, Black Anti-static.

Frame Cross Section - Enlarged

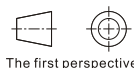


 Compatible with GB/T 6170 standard hex nuts.

40W Motor Type

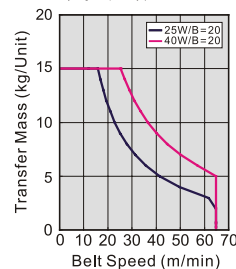


Note 1 Capacitor: Installed on Single-Phase Constant Speed Motor Only.
 Note 2 When 1005<L<2000, Joints mounted at these locations (1 place).
 Note 3 When 2005<L<3000, Joints mounted at these locations (2 places).
 Note 4 Belt Support Roller: When 2005<L<3000, mounted at these locations (3 places)



The first perspective

Conveying Capacity(Reference Value)



! 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	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 conveying speed table refers to domestic motors (1250 rpm).
- ! The adjustment scale should not be lower than 60 for long-term

The adjustment scale should not be lower than 0 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		Reduction Ratio	A
	Specifications	Manufacturer		
25W	Three-Phase Motor	Domestic	5 ~ 18	131
	Variable Speed Motor		20 ~ 180	141
	Three-Phase Motor	Panasonic	5 ~ 18	115
	Variable Speed Motor		20 ~ 180	125
	Three-Phase Motor		5 ~ 18	168
	Variable Speed Motor		20 ~ 180	178
40W	Three-Phase Motor	Domestic	5 ~ 18	142
	Variable Speed Motor		20 ~ 180	152
	Three-Phase Motor	Panasonic	5 ~ 18	142
	Variable Speed Motor		20 ~ 180	152

Timing Belt Conveyors

Dual Track

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

Part Number		L	Motor					Motor Manufacturer Selection
Code	B(10 mm Inc.)	5 mm Inc.	Output Power(W)	Voltage(V)	Specification	Gearhead Reduction Ratio	Belt Specification	
KQJ01	80~300	265~3000	25 40	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	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)	T(Domestic Brands) S(Panasonic Motor)
				SA200 (Three-Phase)	INV Inverter			
				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.

① 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.



Please order
as shown

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 40	TA220(Single-Phase)	Variable Speed Motor	7.5 9 12.5 15	D For Sliding, Green J No Belt	
				SA200 (Three-Phase)		INV Inverter		18 25 30 36 50 60 75 90 100 120 150 180

KQJ01—B100—L500—25—TA220—SCM—15—D—T

① 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 40	TA220(Single-Phase)	Variable Speed Motor	7.5 9 12.5 15 18 25 30 36 50 60 75 90 100 120 150 180	D For Sliding, Green J No Belt	T(Domestic Brands) S(Panasonic Motor)	MA MB()
				SA200 (Three-Phase)	INV Inverter				

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

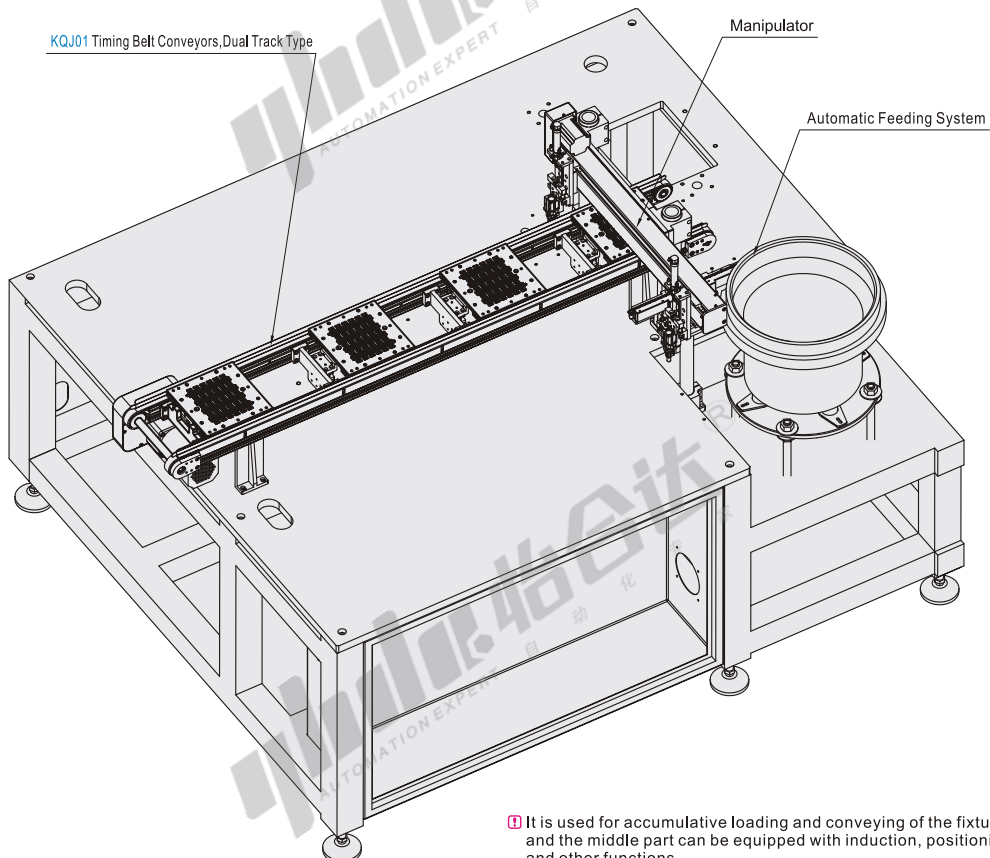


Optional
processing

Code		MA		Code		MB()	
Spec.	Motor Position Reverse Installation		Ordering Code	MA	Spec.	Attached Rear-mounted Locking Nut	
						Ordering Code MB3	
						① Please specify the number of Attached Rear-mounted Locking Nut. For example, MB3 represents 3 nuts per slot.	



Example



① It is used for accumulative loading and conveying of the fixture, and the middle part can be equipped with induction, positioning and other functions.