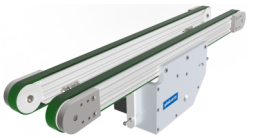
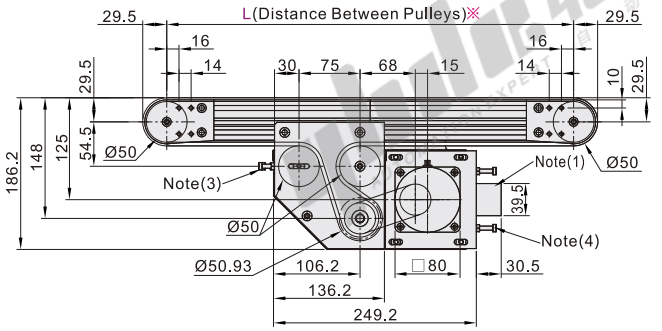
Code	Type	Material				Surface Treatment			
		Frame	Motor Cover 1	Motor Cover 2	Pulley Holder	Frame	Motor Cover 1	Motor Cover 2	Pulley Holder
KQN01	Dual Track	Aluminum				Anodize			Paint

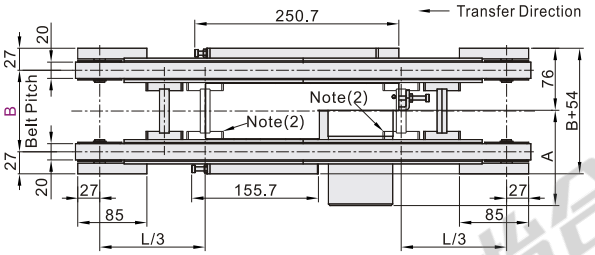


Features: Since there are two rows of conveyor surfaces, sensors and stoppers can be mounted between the belts. The Center Drive configuration allows drive section position adjustments.

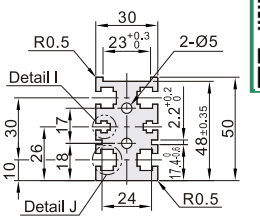
25W Motor Type

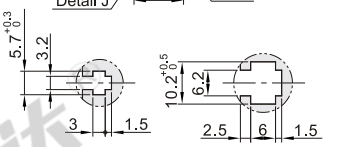


If reverse transmission or forward and reverse transmission is required,please be sure to remark that, if not specified,our company will debug according to the standard direction.



Frame Cross Section - Enlarged





Detail I (M3) Detail J (for M6)

Compatible with GB/T 6170 standard hex nuts.

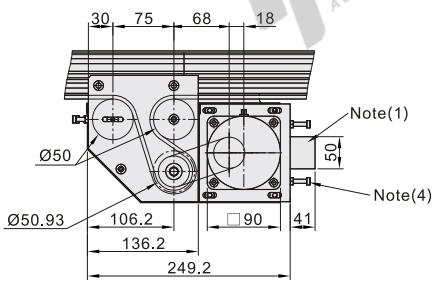
※ When L≤1000,each slot has four (4) nuts inserted. When L>1000 each slot has six (6) nuts inserted. When counterbores for inserting nuts are required, please Select from optional processing.

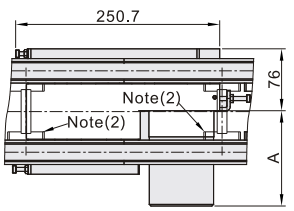
M6 frame slot can be used for: rear-mounted locking nut AHL22-206-M3 /M4/M5.

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

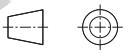
The drive section can be moved to a desired position within the aluminum extrusion slots.

40W Motor Type



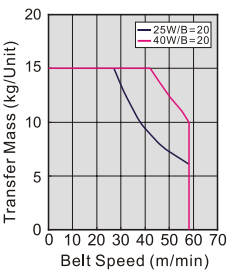


Note 1 Capacitor: Installed on Single-Phase Constant Speed Motor Only.
Note 2 When 2005<L<3000, Joints mounted at these locations (2 places).
Note 3 M5 Screw for Tension
Note 4 M5 Screw for Tension



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	26.7	32.0
9	22.2	26.7
12.5	16.0	19.2
15	13.3	16.0
18	11.1	13.3
25	8.0	9.6
30	6.6	8.0
36	5.5	6.6
50	4.0	4.8
60	3.3	4.0
75	2.6	3.2
90	2.2	2.6
100	2.0	2.4
120	1.6	2.0
150	1.3	1.6
180	1.1	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
25W	Three-Phase Motor	Domestic	5~18	131
			20~180	
	Variable Speed Motor		5~18	141
			20~180	
	Three-Phase Motor	Panasonic	5~18	115
			20~180	
	Variable Speed Motor		5~18	125
			20~180	
40W	Three-Phase Motor	Domestic	5~18	168
			20~180	
	Variable Speed Motor		5~18	178
			20~180	
	Three-Phase Motor	Panasonic	5~180	142
	Variable Speed Motor			152

Timing Belt Conveyors — Dual Track

Center 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	
KQN01	80~300	325~3000	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) ! Panasonic Motor is discontinued, Delivery time is unstable.
				SA200 (Three-Phase)	INV Inverter			
				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.
! 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	Motor					Motor Manufacturer Selection
Code	B(10 mm Inc.)	5 mm Inc.	Output Power(W)	Voltage(V)	Specifications	Gearhead Reduction Ratio	Belt Specification	
KQN01	80~300	325~3000	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	D For Sliding, Green J No Belt	T(Domestic Brands) S(Panasonic Motor)
				SA200 (Three-Phase)	INV Inverter			

KQN01—B100—L500—25—TA220—SCM—15—D—T

Optional processing

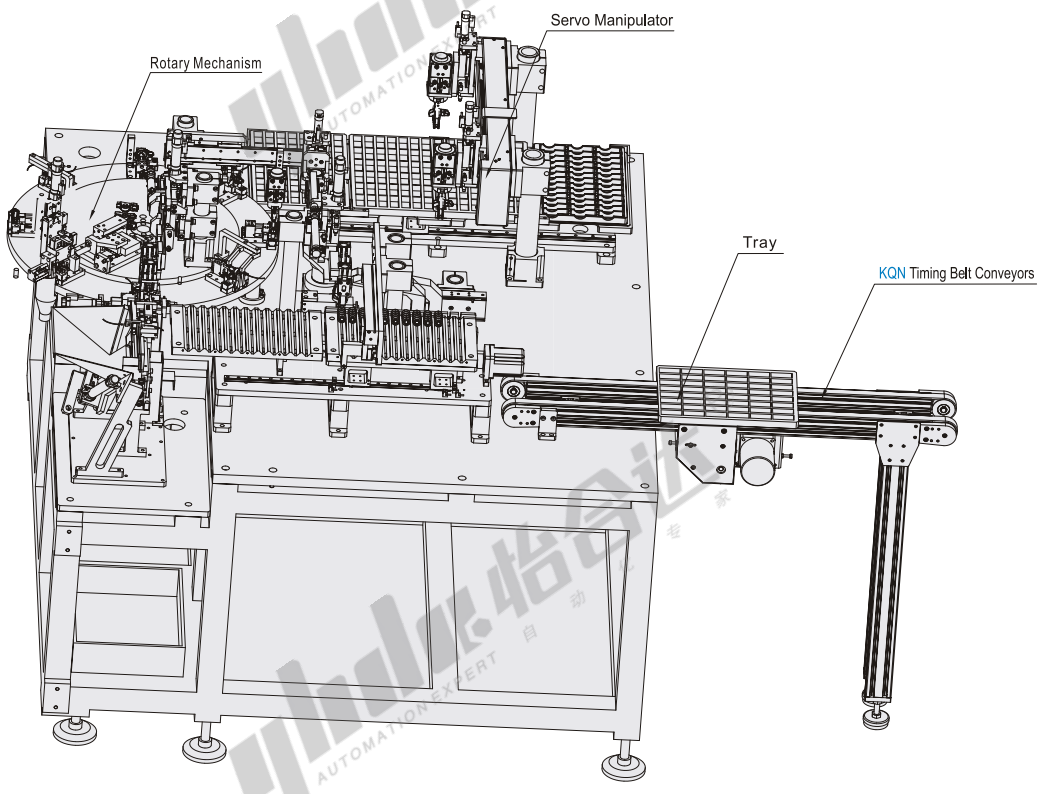
Part Number		L	Motor					Motor Manufacturer Selection	Optional Processing Code
Code	B(10 mm Inc.)	5 mm Inc.	Output Power(W)	Voltage(V)	Specifications	Gearhead Reduction Ratio	Belt Specification		
KQN01	80~300	325~3000	25 40	TA220(Single-Phase)	SCM Variable Speed Motor	7.5 9 12.5 15 18 25 30 36 50 60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

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

Optional processing

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



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