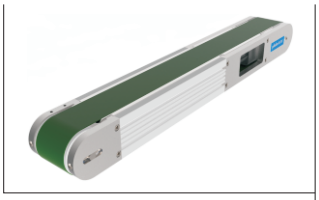
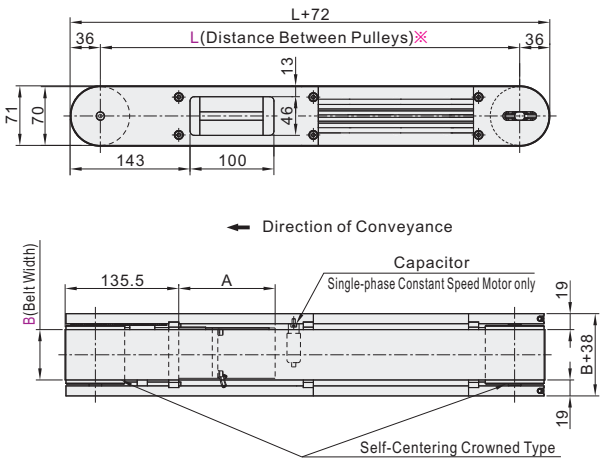
Code	Type	Material		Surface Treatment	
		Frame	Pulley Holder	Frame	Pulley Holder
KPQ01	Built-in Motor	Aluminum		Anodize	Clear Anodize

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



Scan the code to watch the video

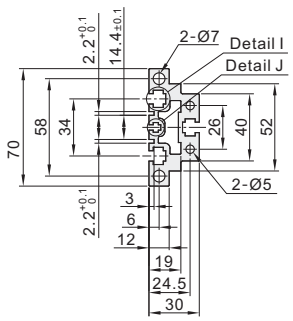


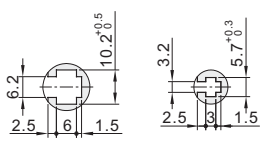
※ When L≤1000,each slot has four (4) nuts inserted. When L>1000 each slot has six (6) nuts inserted. When counterbores for inserting nuts are required, please Select from optional processing.

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

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

Frame Cross Section - Enlarged
Carrying Surface Side

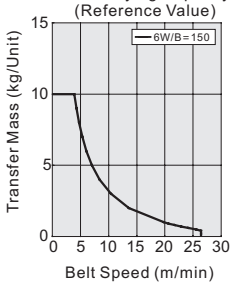




Detail I (for M6) Detail J (M3)

Compatible with GB/T 6170 standard hex nuts.

Conveying Capacity (Reference Value)



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

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
	Specification	Manufacturer		
6W	Variable Speed Motor	Taiwanese	5~18	117
			20~180	127
		Panasonic	5~18	111
			20~180	118

The first perspective

Part Number		L	Motor					Motor Manufacturer Selection
Code	B	5 mm Inc.	Output Power(W)	Voltage(V)	Specification	Gearhead Reduction Ratio	Belt Specification	
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	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)
				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	Motor					Motor Manufacturer Selection
Code	B	5 mm Inc.	Output Power(W)	Voltage(V)	Specification	Gearhead Reduction Ratio	Belt Specification	
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)

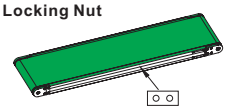
KPQ01—B100—L1000—6—TA220—SCM—15—A—T

Optional Processing

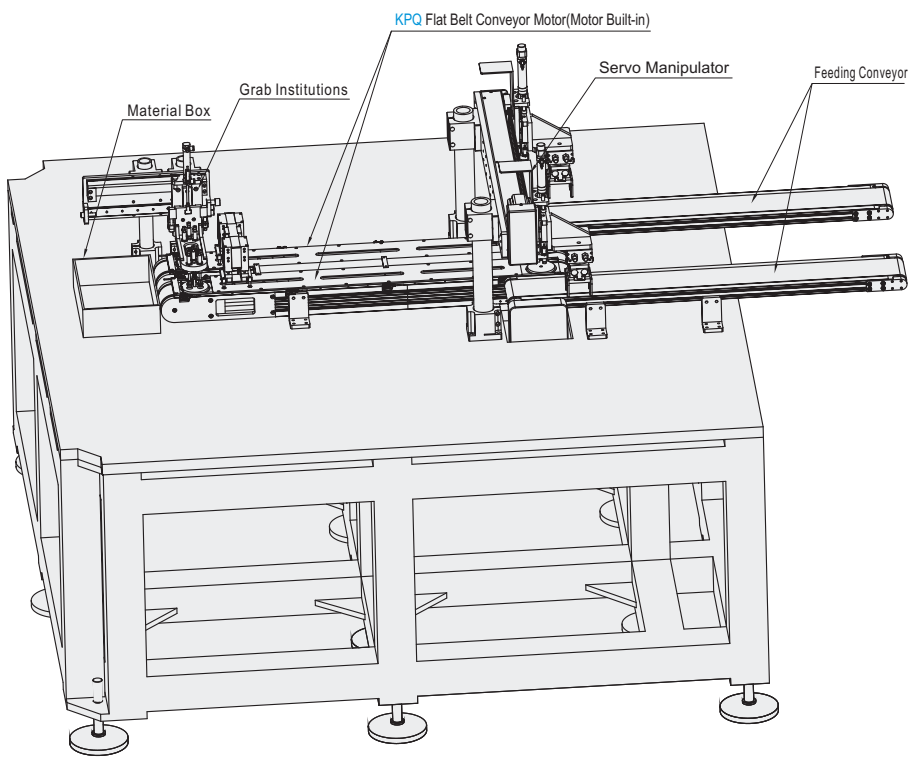
Part Number		L	Motor					Motor Manufacturer Selection	Optional Processing Code
Code	B	5 mm Inc.	Output Power(W)	Voltage(V)	Specification	Gearhead Reduction Ratio	Belt Specification		
KPQ01	60 100 150	415~2000	6	TA100 Single-Phase TA220 Single-Phase	SCM Variable Speed Motor	15 18 25 30 36 50 60 75 90 100 120 150 180	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.

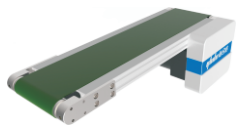
Example



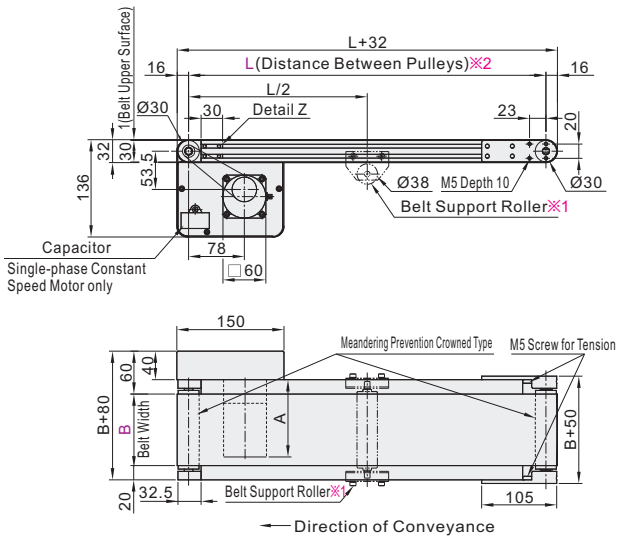
! KPQ Series of motor built-in conveyor used in the narrow space of the occasion.

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

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



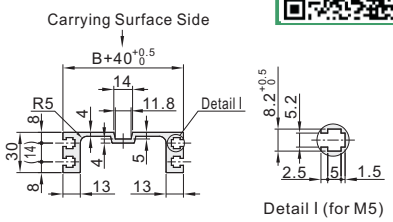
6W Motor Type



Scan the code to watch the video

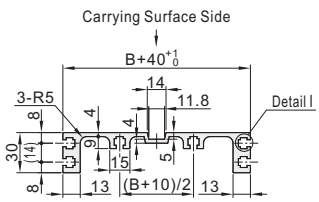
Frame Cross Section - Enlarged

When B=50



Detail I (for M5)

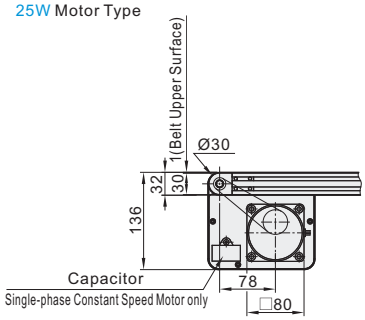
When B=100~250

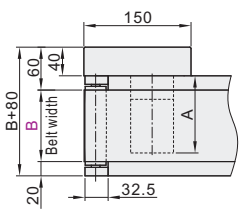


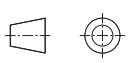
※1 When L≥2005, a belt support roller is mounted in the diagram location.
※2 When L≤1000,each slot has four (4) nuts inserted. When L>1000 each slot has six (6) nuts inserted.When counterbores for inserting nuts are required, please Select from optional processing.
M5 frame slot can be used for: rear-mounted locking nut AHL22-206-M3 /M4/M5.
The dimensions in the diagram are for Belt Specifications H (1mm thick.). Take note that belt thickness varies by Belt Specifications.
The "Detail Z" of the frame is used for pulley holder mounting. The nuts cannot be moved to this area.

When B = 50, there is no downward slot.
Compatible with GB/T 6170 standard hex nuts.

25W Motor Type



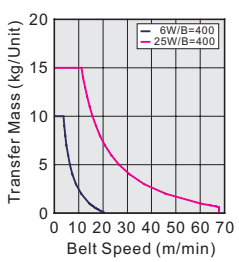




Motor Specifications

Output Power	Motor Specification	Manufacturer	Reduction Ratio	A
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		5~18	128
			20~180	138.5
	Three-Phase Motor	Panasonic	5~180	115
	Variable Speed Motor			125

Conveying Capacity(Reference Value)



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

May decrease depending on load condition.
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 Code	Part Number B	L 5 mm Inc.	Motor: Output Power(W)	Motor: Voltage(V)	Motor: Specification	Motor: Gearhead Reduction Ratio	Belt Specification	Motor Manufacturer Selection
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 ! 5~9 not applicable for 6W Motor	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)			
			6 25	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 Code	Part Number B	L 5 mm Inc.	Motor: Output Power(W)	Motor: Voltage(V)	Motor: Specification	Motor: Gearhead Reduction Ratio	Belt Specification	Motor Manufacturer Selection
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)
			25	SA200	INV			

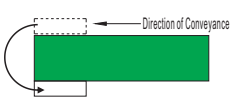
KPA01—B50—L500—25—TA220—SCM—7.5—A—T

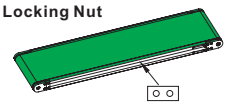
Optional processing

Part Number Code	Part Number B	L 5 mm Inc.	Motor: Output Power(W)	Motor: Voltage(V)	Motor: Specification	Motor: Gearhead Reduction Ratio	Belt Specification	Motor Manufacturer Selection	Optional Processing Code
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( )
			25	SA200	INV				

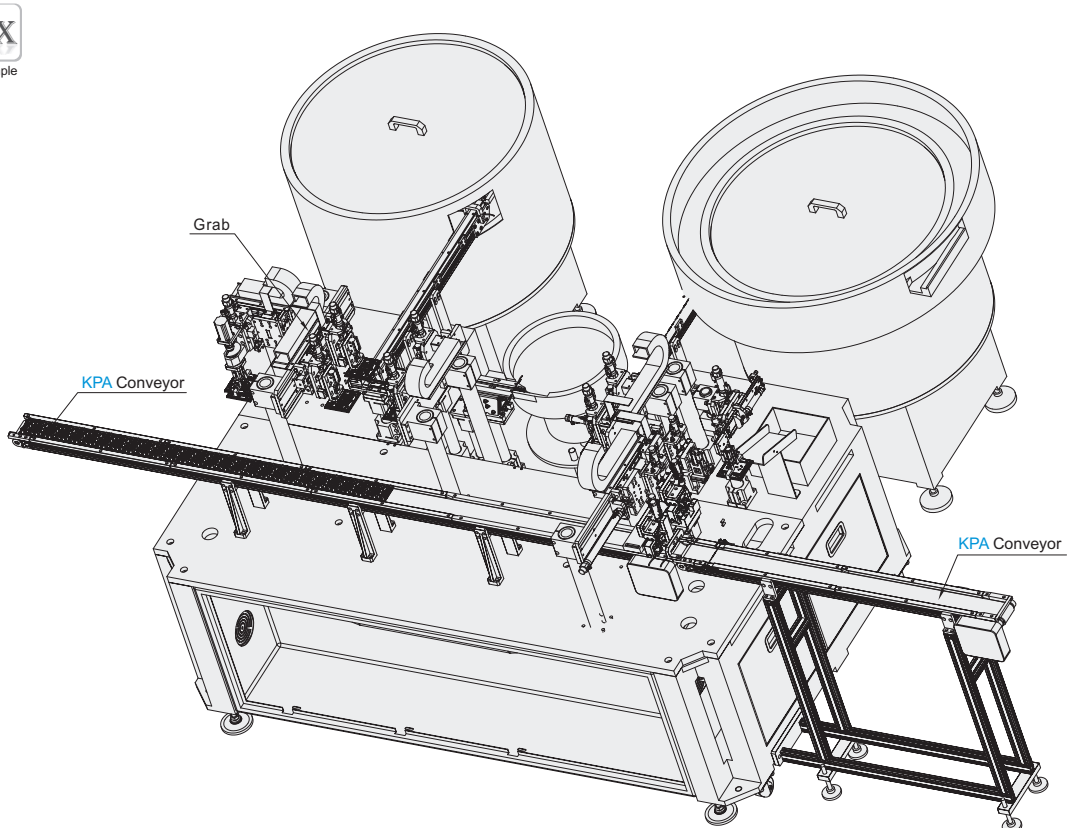
KPA01—B50—L500—25—TA220—SCM—7.5—A—T—MA

Optional processing

Code	MA
Spec.	**Motor Position Reverse Installation** 
	Ordering Code MA

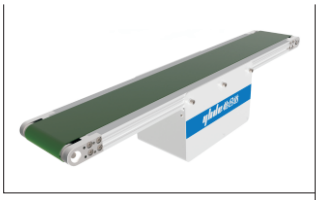
Code	MB( )
Spec.	**Attached Rear-mounted Locking Nut** 
	Ordering Code MB3 ! Please specify the number of Attached Rear-mounted Locking Nut.For example,MB3 represents 3 nuts per slot.

Example



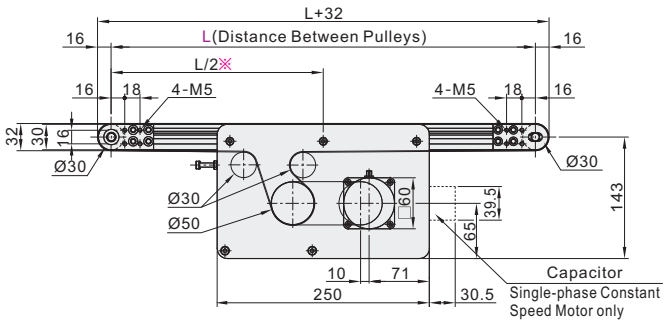
! KPA Series end drive conveyor for small parts relay transmission.

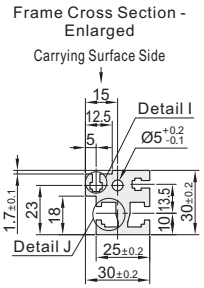
Code	Type	Material				Surface Treatment			
		Frame	Motor Cover 1	Motor Cover 2	Pulley Holder	Frame	Motor Cover 1	Motor Cover 2	Pulley Holder
KPG01	Non-anti-deviation Guide	Aluminum		SPCC	Aluminum	Anodize	Paint		



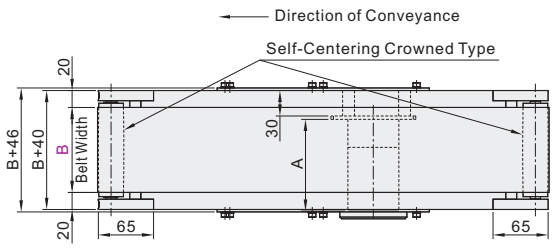
Features: A Flat Belt Conveyor with adjustable drive section position. Belt tension can be adjusted at the center drive section, and the overall length does not change after tension adjustment.

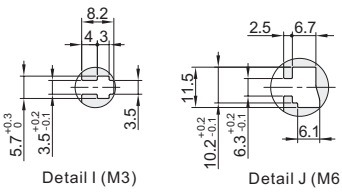
6W Motor Type





Scan the code to watch the video

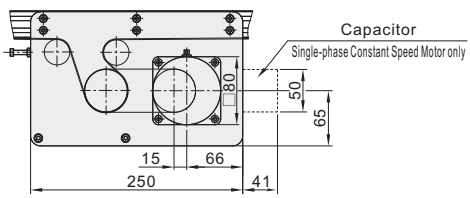


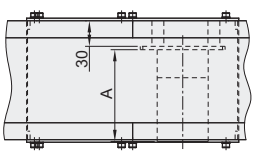


Compatible with GB/T 6170 standard hex nuts.

※ 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.
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.

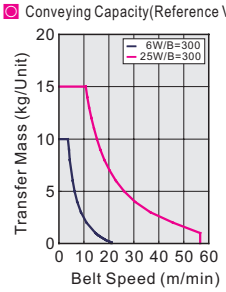
25W Motor Type





The first perspective

Conveying Capacity(Reference Value)



Gearhead Reduction Ratio

GearHead Reduction Ratio	Belt Speed (m/min)	
	50Hz	60Hz
5	39.2	47.1
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 transmission speedometer refers to panasonic motor (1400 RPM),Taiwanese motor (1300 RPM).

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		5~18	128
			20~180	138.5
	Three-Phase Motor	Panasonic	5~180	115
	Variable Speed Motor			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: Output Power(W)	Motor: Voltage(V)	Motor: Specification	Motor: Gearhead Reduction Ratio	Belt Specification	Motor Manufacturer Selection
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 ! 5~9 not applicable for 6W Motor	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)			
			6 25	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 Code	B	L 5 mm Inc.	Motor: Output Power(W)	Motor: Voltage(V)	Motor: Specification	Motor: 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.	Motor: Output Power(W)	Motor: Voltage(V)	Motor: Specification	Motor: 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				

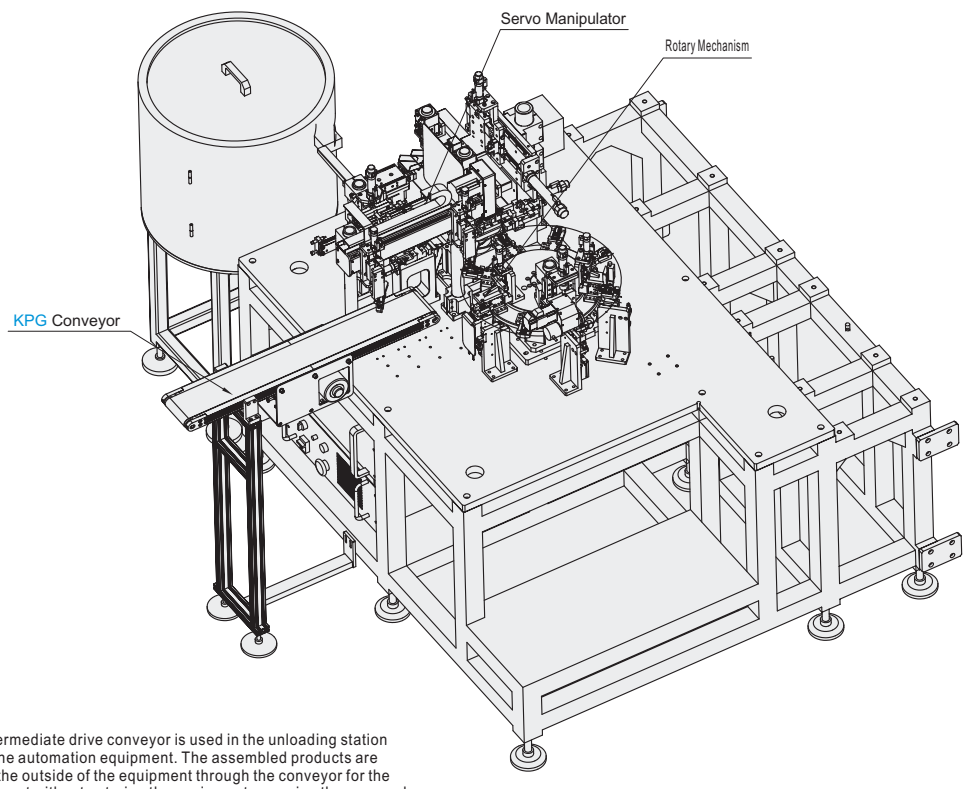
KPG01—B50—L1200—25—TA220—SCM—7.5—A—T—MC500

Optional processing

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.

Example

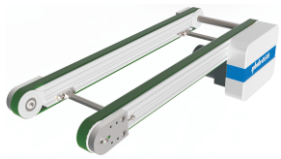


! KPG series intermediate drive conveyor is used in the unloading station of the parts in the automation equipment. The assembled products are transported to the outside of the equipment through the conveyor for the operator to take out without entering the equipment, ensuring the personal safety of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

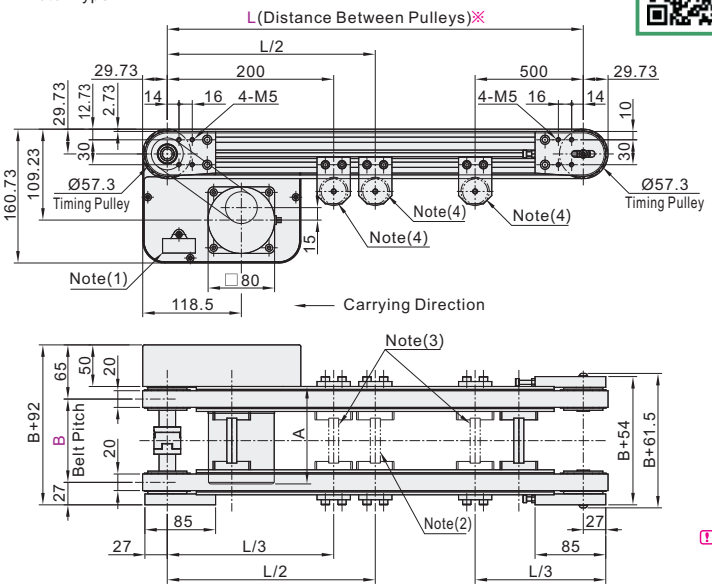
Code	Type	Material			Surface Treatment		
		Frame	Motor Cover	Pulley Holder	Frame	Motor Cover	Pulley Holder
KQJ01	Dual Track	Aluminum			Anodize	Paint	

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

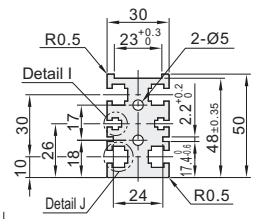
Scan the code to watch the video

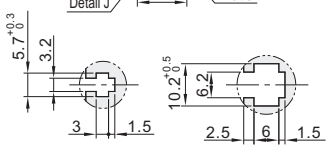


25W Motor Type



Frame Cross Section - Enlarged





Detail I (M3) Detail J (for M6)

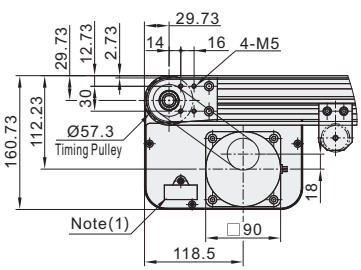
Compatible with GB/T 6170 standard hex nuts.

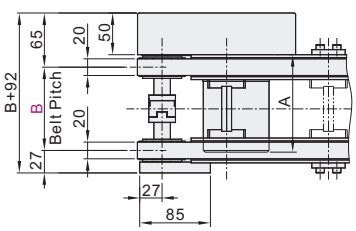
※ When L≤1000,each slot has four (4) nuts inserted. When L>1000 each slot has six (6) nuts inserted. When counterbores for inserting nuts are required, please Select from optional processing.

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

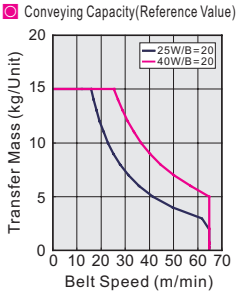
Timing belts used is T5 Type(Both Sides Cloth Lined)For Sliding, Green、Black Anti-static.

40W Motor Type





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

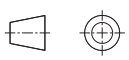
May decrease depending on load condition.

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	130
			20~180	142
	Variable Speed Motor		5~18	130
			20~180	142
	Three-Phase Motor	Panasonic	5~18	115
			20~180	
	Variable Speed Motor		5~18	125
			20~180	
40W	Three-Phase Motor	Taiwanese	5~18	160
			20~180	178
	Variable Speed Motor		5~18	160
			20~180	178
	Three-Phase Motor	Panasonic	5~180	142
	Variable Speed Motor			152

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

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	5 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(Taiwanese Motor) S(Panasonic Motor)
				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	
KQJ01	80~300	265~3000	25 40	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	D For Sliding, Green J No Belt	T(Taiwanese Motor) S(Panasonic Motor)
				SA200 (Three-Phase)	INV Inverter			

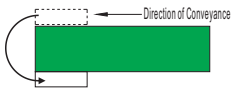
KQJ01—B100—L500—25—TA220—SCM—15—D—T

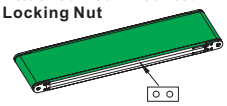
Optional processing

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		
KQJ01	80~300	265~3000	25 40	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	D For Sliding, Green J No Belt	T(Taiwanese Motor) S(Panasonic Motor)	MA MB( )
				SA200 (Three-Phase)	INV Inverter				

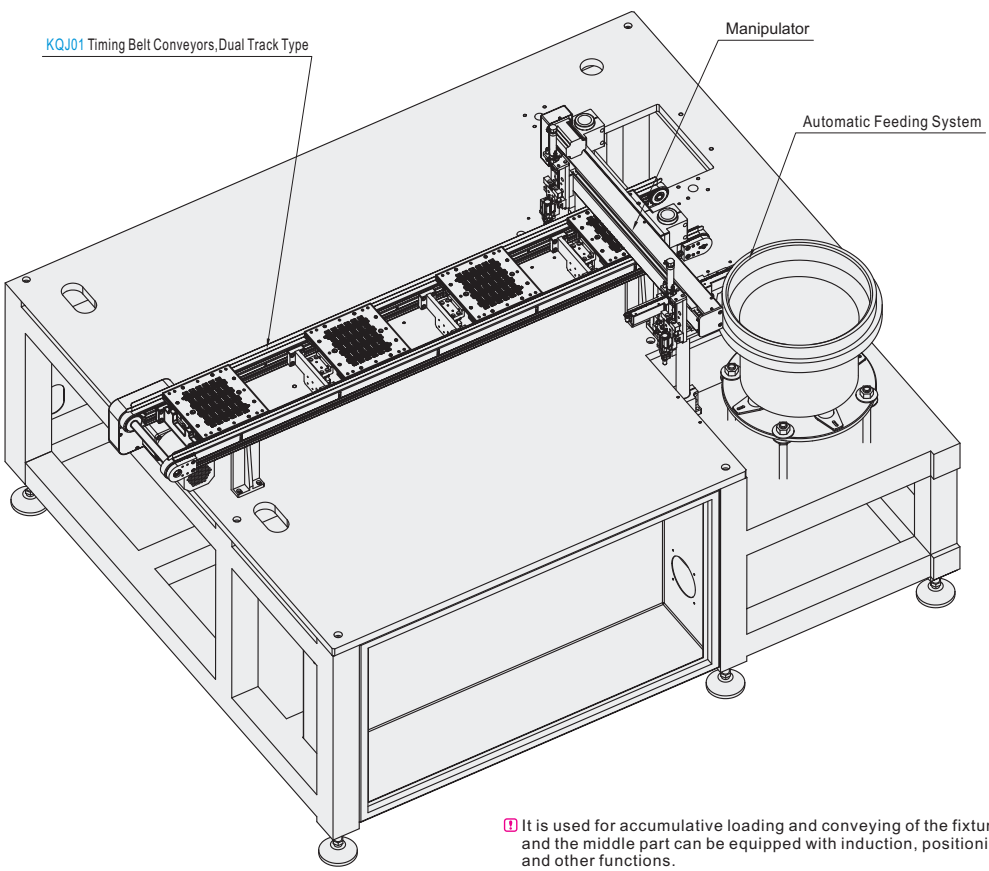
KQJ01—B100—L500—25—TA220—SCM—15—D—T—MA

Optional processing

Code	MA
Spec.	**Motor Position Reverse Installation** 
	Ordering Code MA

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



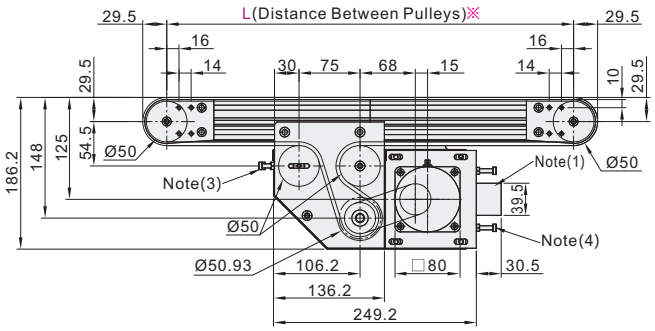
It is used for accumulative loading and conveying of the fixture, and the middle part can be equipped with induction, positioning and other functions.

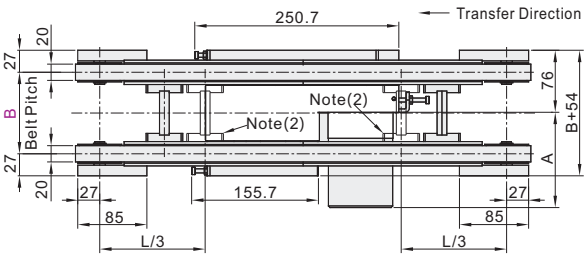
Code	Type	Material				Surface Treatment			
		Frame	Motor Cover 1	Motor Cover 2	Pulley Holder	Frame	Motor Cover 1	Motor Cover 2	Pulley Holder
KQN01	Dual Track	Aluminum				Anodize			Paint



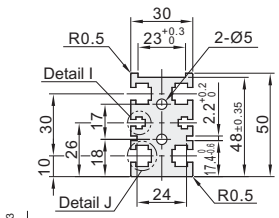
Features: Since there are two rows of conveyor surfaces, sensors and stoppers can be mounted between the belts. The Center Drive configuration allows drive section position adjustments.

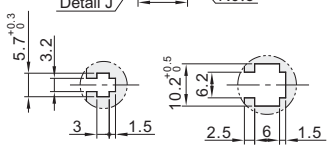
25W Motor Type





Frame Cross Section - Enlarged





Detail I (M3) Detail J (for M6)

Compatible with GB/T 6170 standard hex nuts.

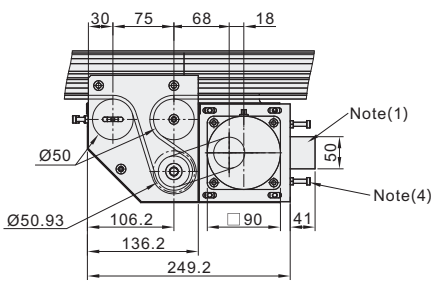
※ When L≤1000,each slot has four (4) nuts inserted. When L>1000 each slot has six (6) nuts inserted. When counterbores for inserting nuts are required, please Select from optional processing.

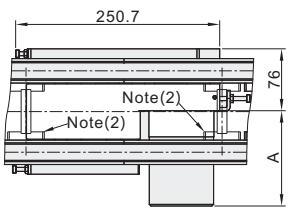
M6 frame slot can be used for: rear-mounted locking nut AHL22-206-M3 /M4/M5.

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

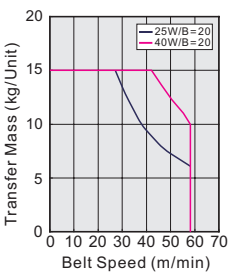




Note 1 Capacitor: Installed on Single-Phase Constant Speed Motor Only.
Note 2 When 2005<L<3000, Joints mounted at these locations (2 places).
Note 3 M5 Screw for Tension
Note 4 M5 Screw for Tension

The first perspective

Conveying Capacity(Reference Value)



Gearhead Reduction Ratio

Gearhead Reduction Ratio	Belt Speed (m/min)	
	50Hz	60Hz
5	40.0	48.0
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 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	130
			20~180	142
	Variable Speed Motor		5~18	130
			20~180	142
	Three-Phase Motor	Panasonic	5~18	115
			20~180	
	Variable Speed Motor		5~18	125
			20~180	
40W	Three-Phase Motor	Taiwanese	5~18	160
			20~180	178
	Variable Speed Motor		5~18	160
			20~180	178
	Three-Phase Motor	Panasonic	5~180	142
	Variable Speed Motor			152

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	5 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(Taiwanese Motor) S(Panasonic Motor)
				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	5 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(Taiwanese Motor) 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	5 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(Taiwanese Motor) S(Panasonic Motor)	MC( ) MB( )
				SA200 (Three-Phase)	INV Inverter				

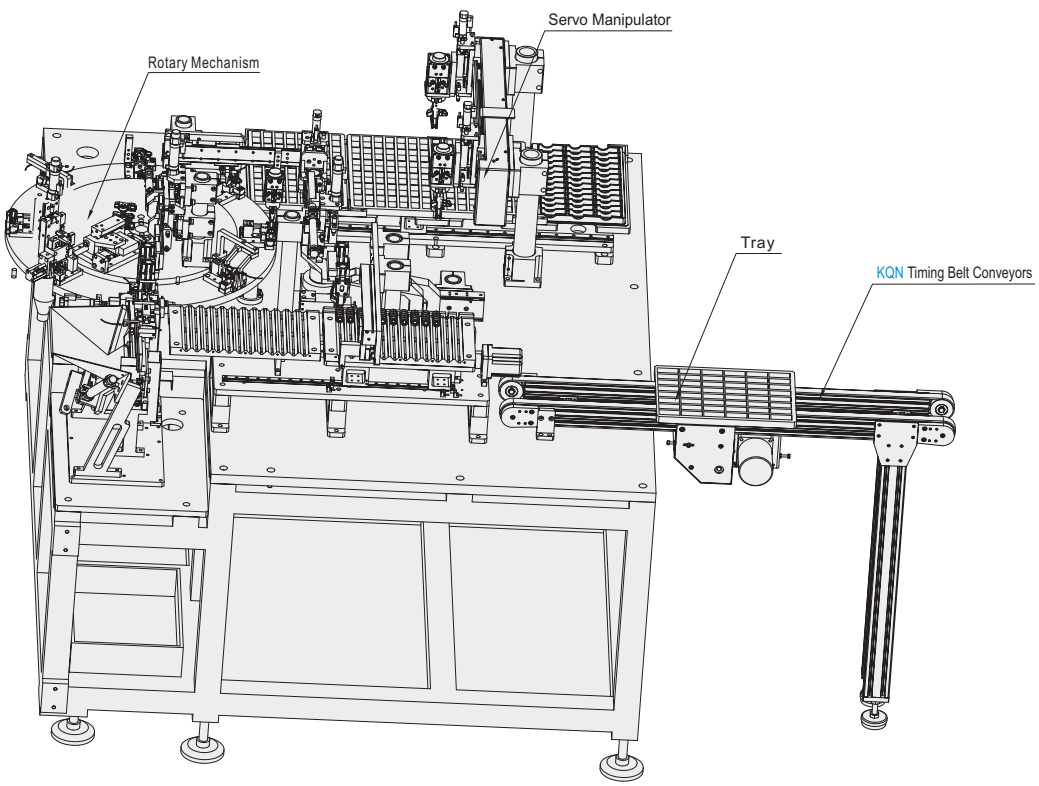
KQN01—B100—L1500—25—TA220—SCM—15—D—T—MC500

Optional processing

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

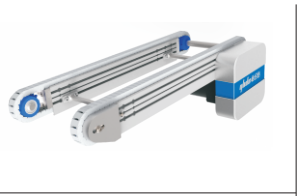
Code	MB( )	
Spec.	**Attached Rear-mounted Locking Nut**	Ordering Code MB3 Please specify the number of Attached Rear-mounted Locking Nut.For example,MB3 represents 3 nuts per slot.

Example



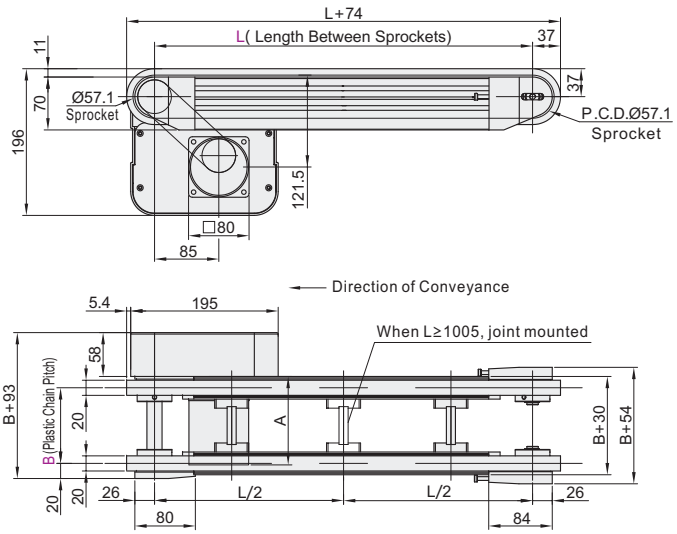
KQN Series of center drive timing belt conveyor, conveyor used in automatic equipment parts loading station.

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	—

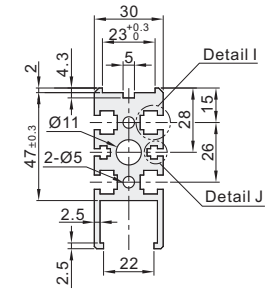


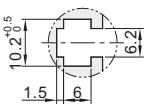
Features: Since there are two rows of conveyor surfaces, sensors and stoppers can be mounted in between the belts.Use of Plastic Chains prevents scratches, and makes for easy maintenance.

25W Motor Type

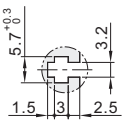


Frame Cross Section - Enlarged





Detail I (for M6)



Detail J (for M3)

Scan the code to watch the video

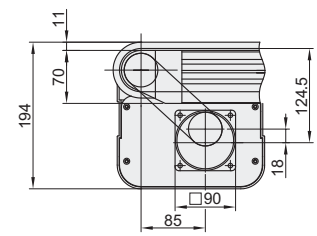
Compatible with GB/T 6170 standard hex nuts.

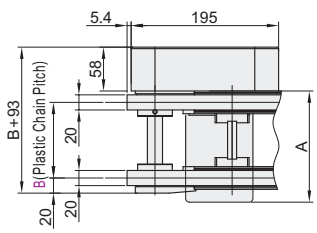
※ When L≤1000,each slot has four (4) nuts inserted. When L>1000 each slot has six (6) nuts inserted. When counterbores for inserting nuts are required, please Select from optional processing.

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

Plastic chains and sprockets are 40B series.

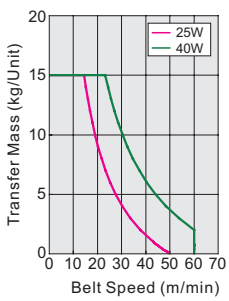
40W Motor Type





The first perspective

Conveying Capacity (Reference Value)



Gearhead Reduction Ratio

Gearhead Reduction Ratio	Belt Speed (m/min)	
	50Hz	60Hz
5	47.9	57.5
7.5	31.9	38.3
9	26.6	31.9
12.5	19.1	22.9
15	15.9	19.1
18	13.3	15.9
25	9.5	11.4
30	7.9	9.5
36	6.6	8.0
50	4.7	5.7
60	4.0	4.8
75	3.2	3.8
90	2.6	3.2
100	2.4	2.8
120	2.0	2.4
150	1.6	1.9
180	1.3	1.6

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
	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	
	Variable Speed Motor		5~18	125
			20~180	
40W	Three-Phase Motor	Taiwanese	5~18	147
			20~180	165
	Variable Speed Motor		5~18	157
			20~180	175
	Three-Phase Motor	Panasonic	5~180	142
	Variable Speed Motor			152

Plastic Chain Conveyors ◀ Dual Track

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

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	
KRA01	80~300	300~3000	25 40	TA100(Single-Phase) TA220(Single-Phase)	SCM Variable Speed Motor	5 7.5 9 12.5 15 18 25 30 36 50 60 75 90 100 120 150 180	A(General Purpose) J(No Belt)	T(Taiwanese Motor) S(Panasonic Motor)
				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.

Please order as shown

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	
KRA01	80~300	300~3000	25 40	TA100(Single-Phase) TA220(Single-Phase)	SCM Variable Speed Motor	5 7.5 9 12.5 15 18 25 30 36 50 60 75 90 100 120 150 180	A General Purpose J No Belt	T(Taiwanese Motor) S(Panasonic Motor)
				SA200 (Three-Phase)	INV Inverter			

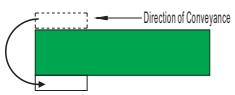
KRA01—B100—L500—25—TA220—SCM—15—A—T

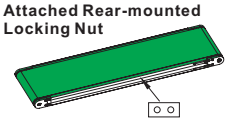
Optional processing

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		
KRA01	80~300	300~3000	25 40	TA100(Single-Phase) TA220(Single-Phase)	SCM Variable Speed Motor	5 7.5 9 12.5 15 18 25 30 36 50 60 75 90 100 120 150 180	A General Purpose J No Belt	T(Taiwanese Motor) S(Panasonic Motor)	MA MB( )

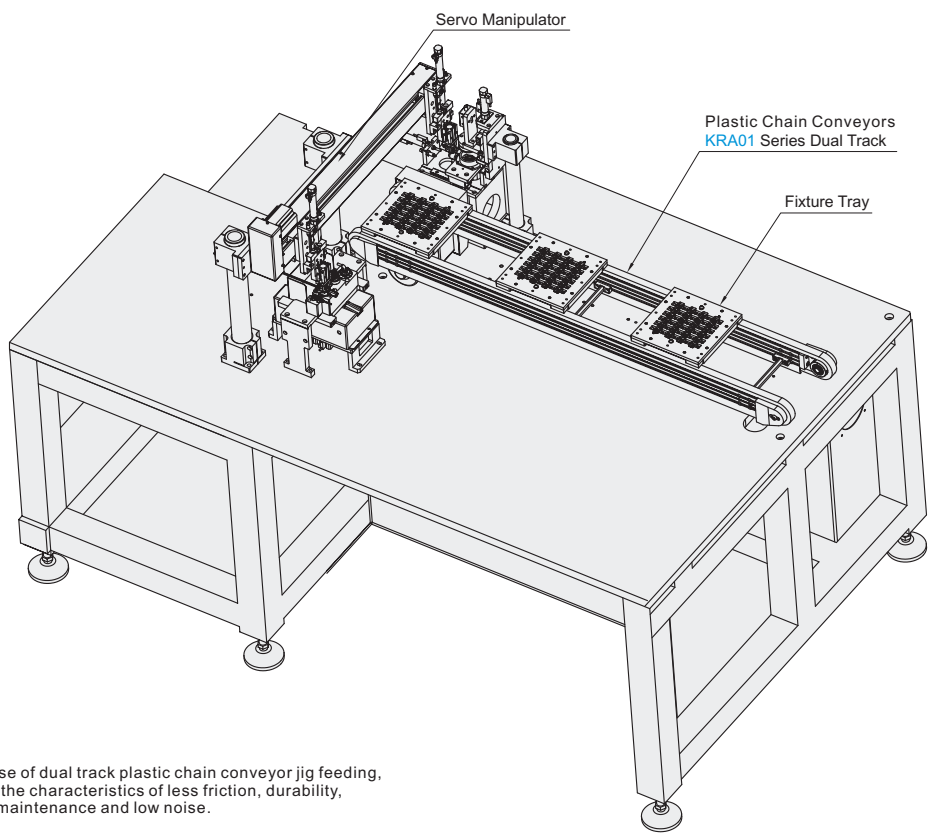
KRA01—B100—L1500—25—TA220—SCM—15—A—T—MA

Optional processing

Code	MA
Spec.	**Motor Position Reverse Installation** 
	Ordering Code MA

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



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