

Flat Belt Conveyor ▶ Full Belt Type

Head-Driven 3-Groove Profile (Pulley Diameter 50mm)



Please order according to the diagram

① ~ ④ Select the type and parameters in the order of for ordering.

① Model
Code B

RIEHP-B60

② L (Minimum Unit 5)
320~2000

L500

③ Motor Selection
Output Power (W) | Voltage (V) | Specifications | Gear Head Ratio | Belt Specification

25 - TA220 - SCM - 15 - A

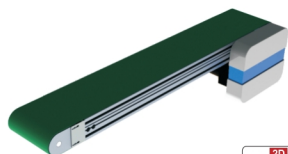
④ Motor Brand Selection
T: Taiwanese Brand/S: Panasonic Motor

T

Optional Processing

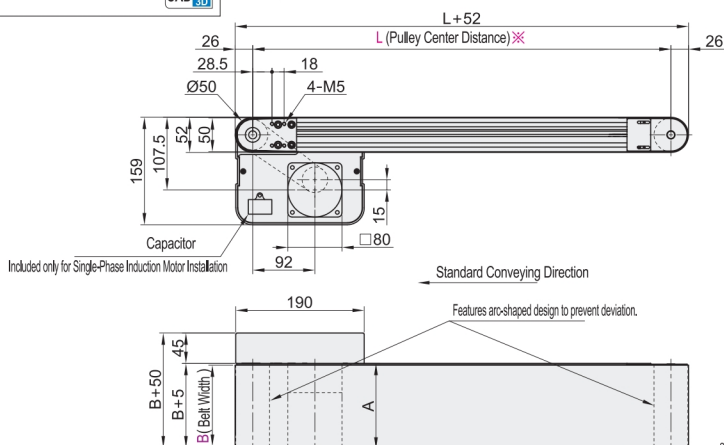
MA() MB()

MA



CAD 2D

Motor Specifications : 25W



※ When L ≤ 1000, 4 nuts are pre-installed in each groove. When L > 1000, 6 nuts are pre-installed in each groove.

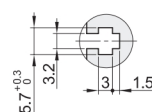
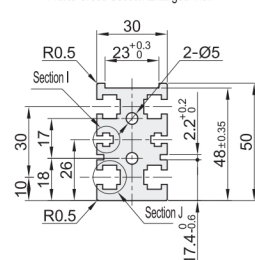
If more nuts need to be pre-embedded, please specify via additional options.

① If nut insertion into counterbores is required, please specify through optional processing.

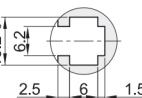
① The dimensions shown in the diagram are for belt specification A (thickness 1mm).

Please note that belt thickness varies depending on the belt specification.

Profile Cross-Section Enlarged View



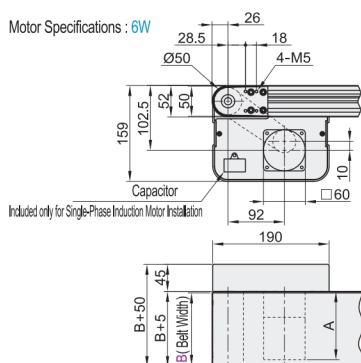
Section I (for M3)



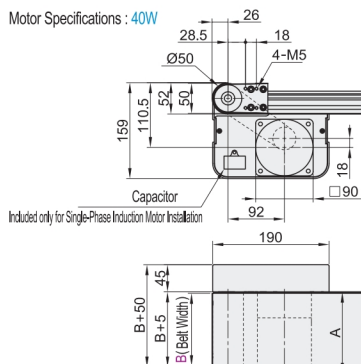
Section J (for M6)

① Suitable for use with GB/T 6170 standard hexagon nuts.

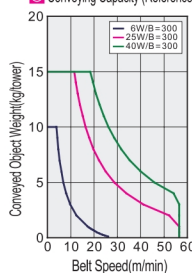
Motor Specifications : 6W



Motor Specifications : 40W



Conveying Capacity (Reference Value)



Gear Head Reduction Ratio

Gear Head Reduction Ratio	Belt Speed (m/min)	
	50Hz	60Hz
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

① Conveying capacity may decrease depending on the load conditions.

① Conveyor Speed Table Reference Based on Panasonic Motor (1400 RPM) and Taiwanese Motor (1300 RPM).

A Dimension Table

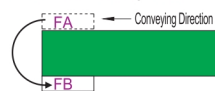
Output Power (W)	Motor Type	Manufacturer	Reduction Ratio	A
6W	Speed-Controlled Motor	Taiwan	5~18	117
		Panasonic	20~180	127
	Three-phase motor	Taiwan	5~18	111
		Panasonic	20~180	118
25W	Speed-Controlled Motor	Taiwan	5~18	117
		Panasonic	20~180	128.5
	Three-phase motor	Taiwan	5~18	128
		Panasonic	20~180	138.5
40W	Speed-Controlled Motor	Taiwan	5~18	115
		Panasonic	20~180	125
	Three-phase motor	Taiwan	5~18	147
		Panasonic	20~180	165
40W	Speed-Controlled Motor	Taiwan	5~18	157
		Panasonic	20~180	175
40W	Speed-Controlled Motor	Taiwan	5~18	142
		Panasonic	20~180	152

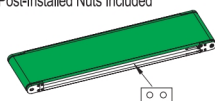
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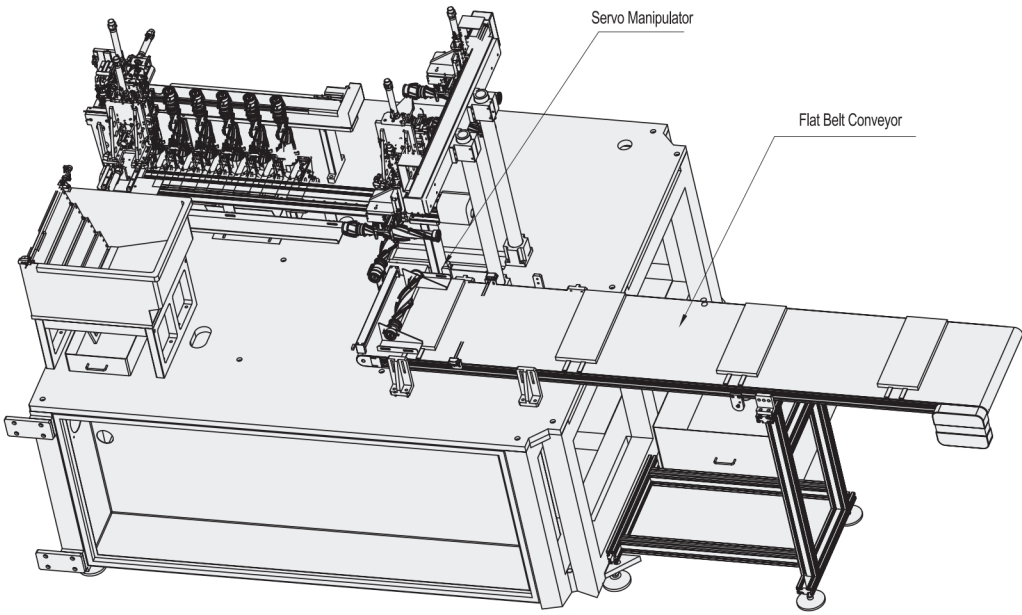
Model		L	Motor Selection				Belt Specification	Motor Brand Selection
Code	B Minimum Unit 10	Minimum Unit 5	Output Power (W)	Voltage (V)	Specifications	Gear Head Ratio		
RIEHP	60~300	320~2000	6 25 40	TA100 (Single-Phase) TA220 (Single-Phase)	SCM Speed-Controlled Motor	12.5 15 18 25 30 36 50 60 75 90 100 120 150 180	L (Economy Type: Yellow PVC) M (Economy Type: Black Anti-Static PU) N (Economy Type: Green Matte PU) K (Economy Type: Dark Green PVC) A (General Purpose: Green) B (General Purpose: White) C (Sliding Application: Green) D (Sliding Application: White) E (Electronic Component Conveying: Black) F (Food Conveying: White) P (Oil Resistant: Green) H (Non-Adhesive: White) J (Beltless)	T (Taiwanese Brand) S (Panasonic Motor)
			25 40	SA200 Three-phase	INV Inverter			
			6 25 40	NV Motorless	NM Motorless	NH Without Gear Head		W Motorless with Gear Head

- ① When selecting "Motorless, No Gear Head," the spacing of motor mounting holes will vary depending on the motor output power.
 ② When selecting "Motorless, No Gear Head," the main unit will be delivered in a component state.

Optional Processing	Code	MA
Technical Specification	Reverse Motor Mounting Position	
		Selection Method MA FA indicates motor installation on the left side FB indicates motor installation on the right side.

Code	MB ()
Technical Specification	Post-Installed Nuts Included
	
	Selection Method MB3M6 ① Please specify the number of post-installed nuts included. For example: MB3 indicates 3 nuts per groove. M6 indicates the thread size; M6 is the default but M3/M4/M5 are optional.

Example



- ① Utilized in unloading operations with head-driven conveyors.