

Heavy Duty Type

Head-Driven Dual Groove Profile (Diameter 70mm)



1

RQEOX-B150 —

1 Model

Code	B
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QE0X-B1

L500

2

600~5000

L500

3 Motor Selection

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

Motor Selection

Specifications	Gear Head
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- SCM - 1

4 Motor Brand Selection

T: Taiwanese Brand/S: Panasonic Model

T

 Optional Processing



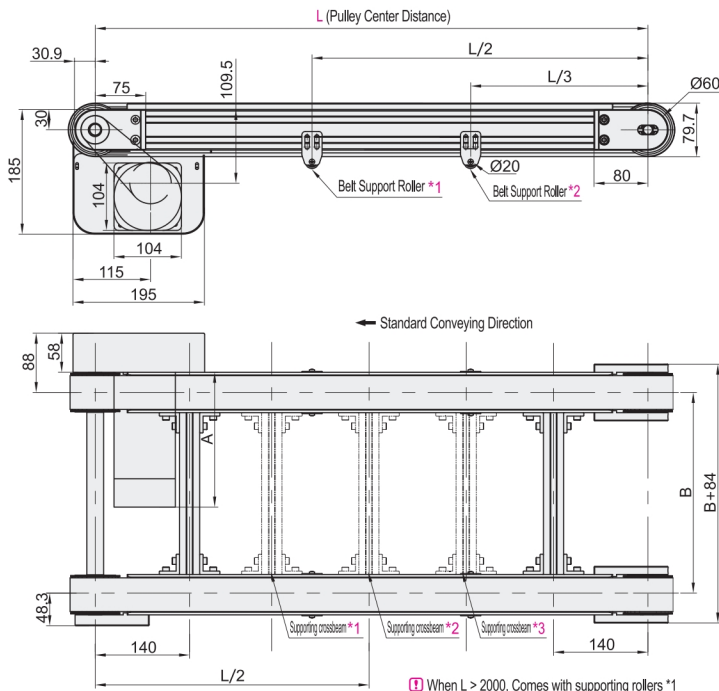
MA() MB()

MA



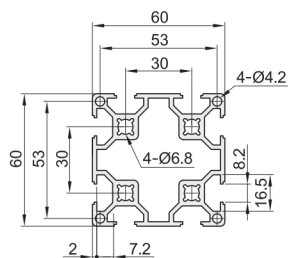
Code	Type	Material				Surface Treatment			
		Profile	Motor Bearing Cover 1	Motor Bearing Cover 2	Pulley Mounting Bracket	Profile	Motor Bearing Cover 1	Motor Bearing Cover 2	Pulley Mounting Bracket
RQEOX	Heavy Duty Type	Aluminum				Anodized Finish			Painting

 Specialties: Suitable for heavy-duty box conveying.



① When L > 2000, Comes with supporting rollers *1
When L > 3500, Comes with supporting rollers *2
When L ≥ 1500, Comes with supporting rollers *1
When L > 2500, Comes with supporting rollers *2(Distribute evenly)
When L > 3000, Comes with supporting rollers *3(Distribute evenly)

Profile Cross-Section Enlarged View



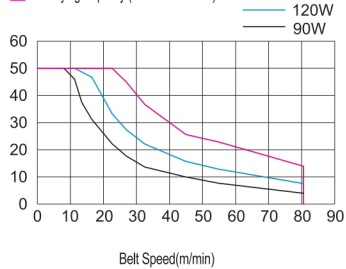
 Gear Head Reduction Ratio

Gear Head Reduction Ratio	Belt Speed(m/min)	
	50HZ	60HZ
5	72.8	87.3
7.5	48.5	58.2
9	40.4	48.5
12.5	29.1	34.9
15	24.2	29.1
18	20.2	24.2
25	14.5	17.4
30	12.1	14.5
36	10.1	12.1
50	7.2	8.7
60	6.0	7.2
75	4.8	5.8
90	4.0	4.8
100	3.6	4.3
120	3.0	3.6
150	2.4	2.9
180	2.0	2.4

■ A Dimension Table

Output Power (W)	Motor Type		Reduction Ratio	A
	Specifications	Manufacturer		
90	Three-phase motor	Taiwan	5~20	210
			25~180	
	Speed Controlled Motor		5~20	
			25~180	
	Three-phase motor	Panasonic	5~180	195
	Speed Controlled Motor		5~180	234.5
120	Three-phase motor	Taiwan	5~20	183
			25~180	205
	Speed Controlled Motor		5~20	183
			25~180	205
200	Three-phase motor		5~20	215
			25~180	230
	Speed Controlled Motor		5~20	215
			25~180	230

Conveying Capacity (Reference Value)



Timing Belt Conveyor ▶ Heavy Duty Type

Head-Driven Dual Groove Profile (Diameter 70mm)

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		
RQEOX	150~600	600~5000	90	TA100 (Single-Phase)	SCM Speed-Controlled Motor	5 7.5 9 12.5 15	K (Economic ordinary use : White) L (Economic sliding : Green) E (Generally used : White) D (Sliding Application: Green) F (Anti static: Black) J (Beltless)	T (Taiwanese Brand) S (Panasonic Motor)
				TA220 (Single-Phase)		18 25 30 36 50		
			120	SA200 Three-phase	INV Inverter	60 75 90 100 120		
			200	NV Motorless	NM Motorless	150 180		W Motorless with Gear Head
						NH Without Gear Head		

- ① When selecting "Motorless, No Gear Head," the spacing of motor mounting holes will vary depending on the motor output power.
- ① When selecting "Motorless, No Gear Head," the main unit will be delivered in a component state.
- ① When selecting the D green option (sliding use synchronous belt), slight fraying may occur on the sides, with the degree of fraying varying depending on operating conditions.

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

