

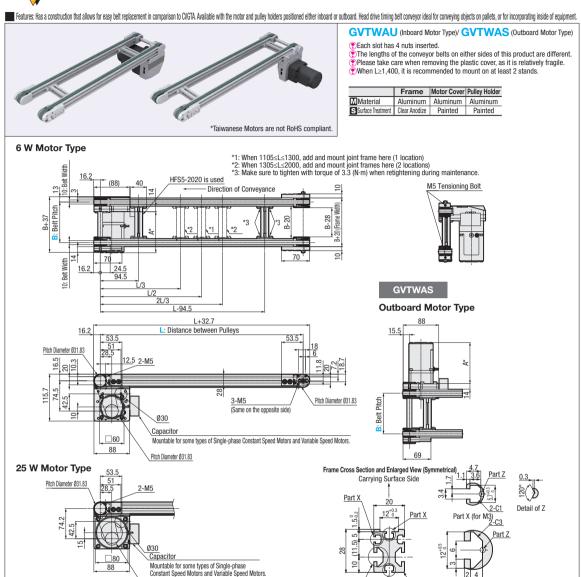
Timing Belt Conveyor GV Series

Dual Track, Head Drive, 2-Groove Frame (Pulley Dia. 30 mm)

Conveyor Resource Site:

http://www.misumiusa.com/conveyor/

The above site can be used to search for conveyor components and their maintenance parts.



A Dimen	sion Details				Conveying Capacity					
Output	Motor Specifications Manufacturer		Reduction	Α	20					
(W)	Specifications	Manufacturer	Ratio							
		Oriental	25~180	115.0						
	Constant speed motor	Taiwanese	25~75	114.7						
6 W	IIIOIOI	laiwaiiese	90~180	120.7	15					
O W	Wastable accord	Oriental	25~180	125.0				\		
	Variable speed motor	Taiwanese	25~75	126.9	£					
	1110101	laiwaiiese	90~180	132.9	Ę					
		Panasonic	5~180	115.0	\$			\		
	Constant speed motor	Oriental	5~18	117.0	Transfer Weight (kg/unit) ठ			\		
			25~180	127.5						
		Tairranaa	5~75	129.0	≥	\				
25 W		Taiwanese	90~180	136.0	ste	l \				
23 W		Panasonic	5~180	125.0	au					
		Oriental	5~18	127.0						
	Variable speed motor	Unemai	25~180	137.5	5					
		Taiwanese	5~75	139.5						
		iaiwdilese	90~180	146.5						

-6W/B=300 *May decrease depending on load condition. -25W/B=300

0.8

For motor specification IM, the above. conveyance speeds are constant speeds

■Gearhead Reduction Ratio *Reference Value

*Conveyance speed reference values are based on IM (motor rotational speed 1,500 rpm [50 Hz]/1,800 rpm [60 Hz]).

For accumulation conveyance (only compatible with sliding belts), consider conveying capacity to be no more than 1/2 of that shown in the graph.

Belt Sneed (m/min)

Conveying capacity may vary depending on operating conditions

This graph shows conveying capacity when level

- Pror motor specification SCM, refer to the above values for the maximum speed
 - Motor specification SCM is adjustable up to (1/15) × (max. speed). The weight that can be conveyed decreases as speed decreases.

	В	L			Motor		Motor Manufacturer Selection		
Part Number	10 mm Increments	5 mm Increments	Output (W)	Voltage (V)	Specifications	Gearhead Reduction Ratio	Belt Specifications	The prices vary by manufacturer.	
			6	TA110 TA115 TA220 TA230 (Single-phase)	IM (Constant Speed Motor) SCM (Variable Speed Motor)	25 30 36 50 60 75 90 100 120 150 180		B (Oriental Motor) C (Taiwanese Motor) *For C, the conveyance speed may decrease by approx. 20%.	
(Inboard Motor Type)	50~300	250~2000		TA110 TA115 TA220 TA230 (Single-phase)	IM (Constant Speed Motor) SCM (Variable Speed Motor)	5 7.5 9 12.5 15 18 25 30 36 50	H (General Purpose, Translucent) S (For Sliding, Green) J (No Belt)	A (Panasonic Motor) B (Oriental Motor) C (Taiwanese Motor) "For C, the conveyance speed may decrease by approx. 20%.	
GVTWAS (Outboard Motor Type)			25	SA220 SA230 (3-Phase)	(Constant Speed Motor) INV (Constant Speed Motor + Inverter)	60 75 90 100 120 150 180			
			6 25	NV (No Motor)	NM (No Motor)	NH (No Gearhead)		R (No Motor, Gearhead)	

- Tonnect the motor so that the belt rotates in the direction of conveyance.
- When "No motor, gearhead" is selected, the motor mounting hole pitch will vary depending on the motor output. For the dimension details, see Technical Information in our
- When "No motor, gearhead" is selected, this unit will be delivered unassembled. The customer is to assemble the unit by following instructions on the included assembly procedure manual. See our Conveyor Selection site for packaging details.
- Mounting brackets for speed controllers are not included with the variable speed motor. When mounting brackets for speed controllers are required, select [SCB] as an alteration.
- Regardless of belt specifications, it is not recommended to use the belt while the conveyor is tilted.

Part	В		Available Sizes																
Number		L250~ 300	L305~ 400	L405~ 500	L505~ 600	L605~ 700	L705~ 800	L805~ 900	L905~ 1000	L1005~ 1100	L1105~ 1200	L1205~ 1300	L1305~ 1400	L1405~ 1500	L1505~ 1600	L1605~ 1700	L1705~ 1800	L1805~ 1900	L1905~ 2000
	50~100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	110~150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GVTWAS	160~200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	210~250	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	260~300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



Reduction Ratio

Manufacturer Alterations

MK · FYA · FYB · PK · NA · WA !



Configure Online



Motor Position Reversed Additional Counterbores Brackets for Speed Controller Include Stands (Legs) Pulley Holder Reversed

	*Reference values (vary depending on motor manufacturer)										
ı	Belt width Conveyor length L (mm)										
	B (mm)	500	1000	1500	2000						
	100	3.4	4.4	5.4	6.3						
	200	3.6	4.6	5.6	6.6						
	300	3.9	4.9	5.9	6.8						

*When the motor output is 25 W, add 1.5 kg.