

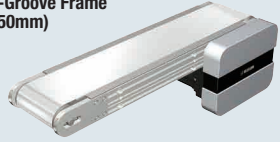
Stainless Steel Belt Conveyor

End Drive, 3-Groove Frame (Pulley Dia. 50mm)

CE
Compliant

Features: Stainless steel belt conveyor that excels in flatness, heat resistance and electrical conductivity.

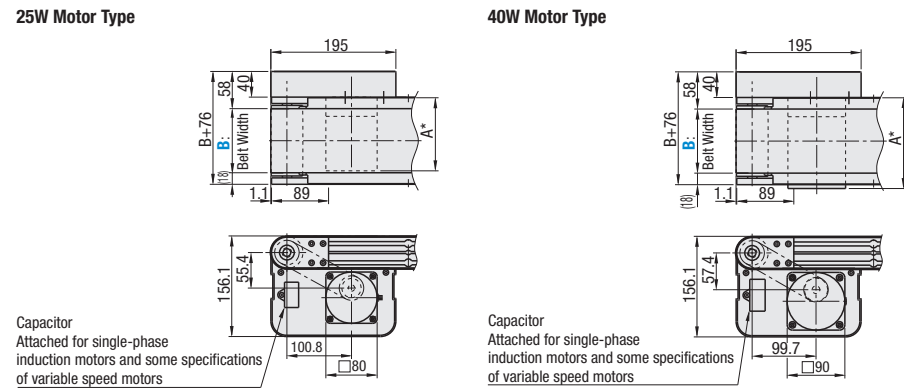
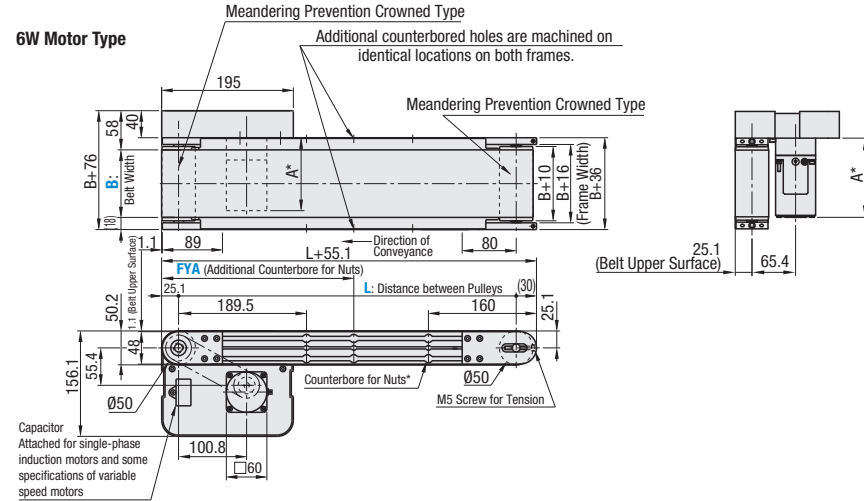
Stainless Steel Belt Conveyor – End Drive, 3-Groove Frame (Pulley Dia. 50mm)



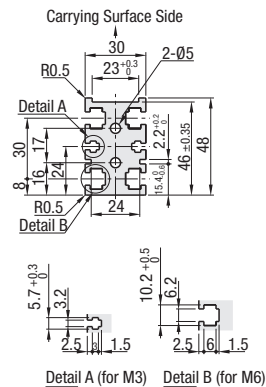
CVSSA

- ① When $L \leq 405$, counterbored holes for the nuts will not be provided. However, each slot has 4 pre-inserted nuts provided.
- ② Warping of the aluminum frame may occur if the load is concentrated onto a single point.
- ③ On some operating environments, conveyance failure may occur.
- ④ When $L \geq 1,000$, it is recommended to mount on at least 2 stands.
- ⑤ Compatible with JIS standard hex nuts.
- ⑥ The stainless steel belt excels in flatness on its own, but because it is tensioned when used as a conveyor, it is not recommended for use as a flat surface that requires precision.

	Frame	Motor Cover	Pulley Holder
Material	Aluminum	Aluminum	5052 Aluminum Alloy
Surface Treatment	Clear Anodize	Paint	Clear Anodize



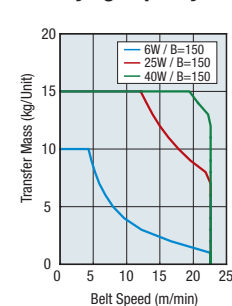
Frame Cross Section and Enlarged View (Symmetrical)



Motor Specifications (Motor Overall Length)

Output (W)	Motor Specification	Manufacturer	Reduction Ratio	Motor Length (A)	
6W	Constant Speed Motor	Panasonic	12.5-25	101.0	
			30-180	108.0	
			25-180	115.0	
	Variable Speed Motor	Oriental	12.5-75	119.7	
			90-180	125.7	
			Taiwanese	12.5-18	115.0
25W	Constant Speed Motor	Panasonic	12.5-180	115.0	
			Oriental	12.5-18	117.0
			25-180	127.5	
	Variable Speed Motor	Taiwanese	5-75	129.0	
			90-180	136.0	
			Oriental	5-18	127.0
Variable Speed Motor	Taiwanese	25-180	137.5		
		5-75	139.5		
		90-180	146.5		

Conveying Capacity



- ① Conveying capacity may vary depending on operating conditions.
- ② This graph shows conveying capacity when level.

Gearhead Reduction Ratio

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

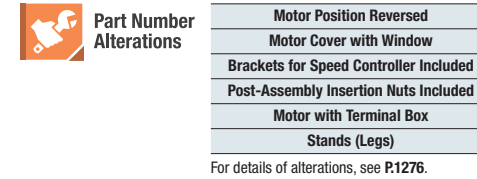
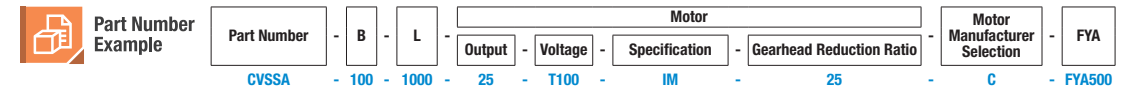
Gearhead Reduction Ratio	Belt Speed (m/min)	
	50Hz	60Hz
12.5	18.8	22.6
15	15.7	18.8
18	13.1	15.7
25	9.4	11.3
30	7.9	9.4
36	6.5	7.9
50	4.7	5.7
60	3.9	4.7
75	3.1	3.8
90	2.6	3.1
100	2.4	2.8
120	2.0	2.4
150	1.6	1.9
180	1.3	1.6

- ① For motor specification IM, the above conveyance speeds are constant speeds.
- ② For motor specification SCM, refer to the above values for the maximum speed.
- ③ Motor specification SCM is adjustable up to $(1/15) \times (\text{max. speed})$. The weight that can be conveyed decreases as speed decreases.

Part Number	Width B 10mm Increment	Length L 5mm Increment	Motor				FYA (Additional Counterbores 5mm Increment)	Motor Manufacturer Selection ① The prices vary by manufacturer.
			Output (W)	Voltage (V)	Specification	Gearhead Reduction Ratio		
CVSSA	40-150	250-2000	6 25 40	(Single-Phase) TA100 TA110 TA115 TA200 TA220 TA230	IM (Constant Speed Motor) SCM (Variable Speed Motor)	12.5 15 18 25 30 36 50 60 75 90	240<FYA<L-180 * When not specified, there will be no additional counterbores.	A (Panasonic Motor) B (Oriental Motor) * SCM (Variable Speed Motor) is not selectable for A.
			25 40	(Three-Phase) SA200 SA220 SA230	IM (Constant Speed Motor)			
			6 25 40	NV (No Motor)	NM (No Motor)	NH (No Gearhead)		

- ① Connect the motor so that the chain rotates in the direction of conveyance.
- ② Since the belt thickness is 0.1mm, not suitable for accumulating conveyance
- ③ When "No motor, gearhead" is selected, the motor mounting hole pitch will vary depending on the motor's power rating. Please see Technical Information in our Conveyor Selection web site for the dimension details.
- ④ When "No motor, gearhead" is selected, this unit will be delivered unassembled. The customer is to assemble the unit according to the included assembly instructions. See our Conveyor Selection site for assembly procedures and packaging details.
- ⑤ Regardless of belt specifications, it is not recommended to use the belt while the conveyor is tilted.

Part Number	B	Available Types																		
		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	
CVSSA	40-60	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	70-90	—	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	100-120	—	—	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	130-150	—	—	—	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



■ Machine Weight (With a Motor Output of 6 W)
*Reference values (may vary depending on motor manufacturer) (kg)

Belt Width B (mm)	Distance Between Pulleys L (mm)				
	500	750	1000	1500	2000
50	6.7	8	9.5	12.2	15
100	6.9	9.2	10.6	13.6	16.6
150	8.6	10.2	11.8	15	18.3

*When the motor output is 25 W, add 1.1 kg.
*When the motor output is 40 W, add 2.1 kg.