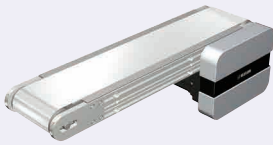


Stainless Steel Belt Conveyor

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

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

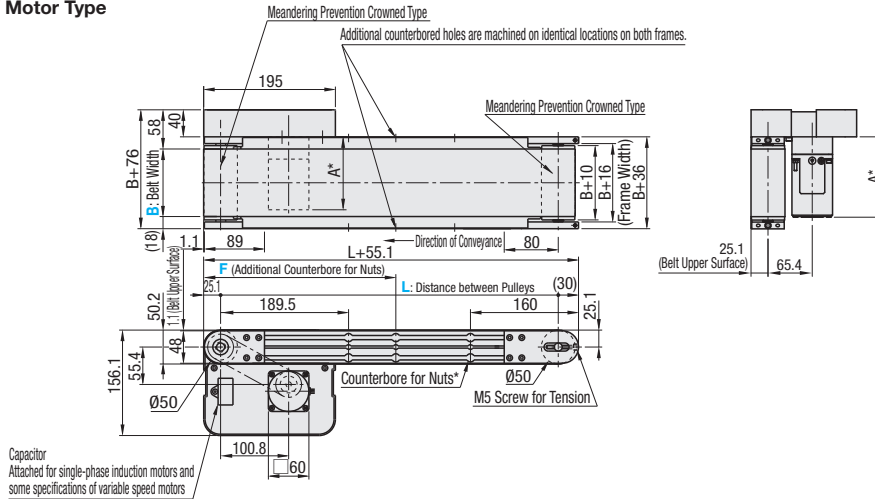


CVSSA

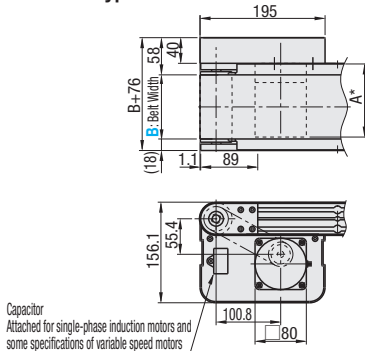
- ⦿ When $L \leq 405$, counterbored holes for the nuts will not be provided. However, each slot has 4 pre-inserted nuts provided.
- ⦿ Warping of the aluminum frame may occur if the load is concentrated onto a single point.
- ⦿ On some operating environments, conveyance failure may occur.
- ⦿ When $L \geq 1,000$, it is recommended to mount on at least 2 stands.
- ⦿ Compatible with JIS standard hex nuts.
- ⦿ 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
M Material	Aluminum	Aluminum	A5052
S Surface Treatment	Clear Anodize	Paint	Clear Anodize

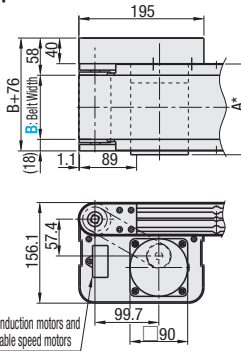
6W Motor Type



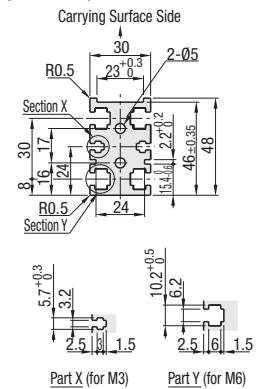
25W Motor Type



40W Motor Type



Frame Cross Section and Enlarged View (Symmetrical)

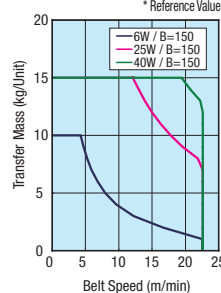


* A Dimension Details (Motor Overall Length)

Output (W)	Motor Specification	Manufacturer	Reduction Ratio	A
6W	Induction Motor	Panasonic	12.5~ 25	101.0
			30~ 180	108.0
		Variable Speed Motor	Oriental	12.5~ 25
	30~ 180			115.0
	Variable Speed Motor		Taiwanese	90~ 180
		12.5~ 25		115.0
25W		Induction Motor	Panasonic	12.5~ 180
	12.5~ 18			117.0
	Variable Speed Motor		Oriental	25~ 180
		12.5~ 75		129.0
		Variable Speed Motor	Taiwanese	90~ 180
	12.5~ 18			127.0
Variable Speed Motor	Oriental		25~ 180	137.5
		12.5~ 75	139.5	
	Variable Speed Motor	Taiwanese	90~ 180	146.5

Output (W)	Motor Specification	Manufacturer	Reduction Ratio	A
40W	Induction Motor	Panasonic	12.5~ 180	142.0
			12.5~ 18	147.0
		Variable Speed Motor	Oriental	25~ 180
	12.5~ 75			164.6
	Variable Speed Motor		Taiwanese	90~ 180
		12.5~ 18		157.0
Variable Speed Motor		Oriental	25~ 180	175.0
	12.5~ 75		175.1	
	Variable Speed Motor	Taiwanese	90~ 180	184.1

Conveying Capacity



- ⦿ Conveying capacity may vary depending on operating conditions.
- ⦿ 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

- ⦿ For motor specification IM, the above conveyance speeds are constant speeds.
- ⦿ For motor specification SCM, refer to the above values for the maximum speed.
- ⦿ Motor specification SCM is adjustable up to $(1/1.5) \times$ (max. speed). The weight that can be conveyed decreases as speed decreases.