


**Dedicated web site <http://fa.misumi.jp/cvs/>**  
Conveyor selecting, component purchases, and easy search for maintenance parts are available.



	Frame	Motor Cover	Pulley Holder&1&	Pulley Holder&2&
<b>M</b> Material	Aluminum	Aluminum	EN AW-5052 Equiv.	EN 1.0038 Equiv.
<b>S</b> Surface Treatment	Clear Anodize	Paint	Clear Anodize	Trivalent Chromate

Carrying Surface Side

30

23<sup>+0.3</sup><sub>0</sub>

R0.5

2-Ø5

Section X

30

17

16

24

8

R0.5

24

Section Y

2.2<sup>+0.2</sup><sub>0</sub>

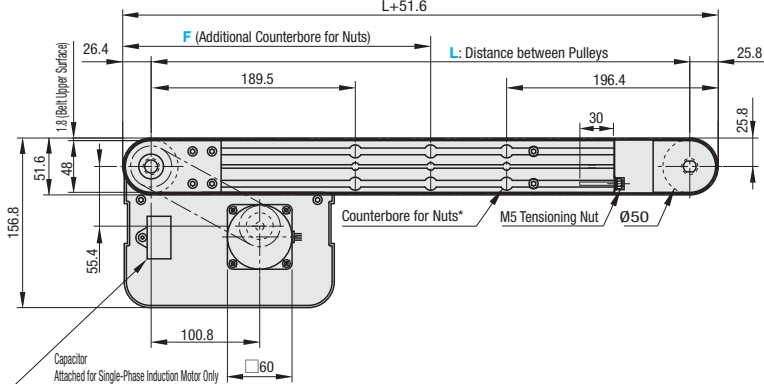
46<sup>+0.35</sup><sub>0</sub>

48

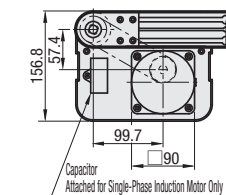
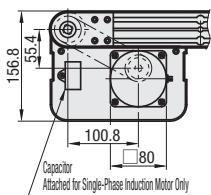
15.4<sup>+0.6</sup><sub>0</sub>

Technical drawing of a conveyor frame (L+51.6) showing dimensions and assembly details. The drawing includes a side view and a top view. Key dimensions and features are labeled:

- Dimensions:**
  - Overall length: 195
  - Overall width: B+50
  - Top flange height: 47.5
  - Top flange thickness: 40
  - Bottom flange height: 2.5
  - Bottom flange thickness: 1.8
  - Distance from bottom flange to main body: 89
  - Distance from main body to end flange: 94
  - End flange thickness: 1.8
  - Distance from main body to end flange (center): 94
  - Distance from main body to end flange (edge): 1.8
  - Distance from main body to end flange (center): 94
  - Distance from main body to end flange (edge): 1.8
  - Distance from main body to end flange (center): 94
  - Distance from main body to end flange (edge): 1.8
- Labels:**
  - B:** Belt Width
  - A\*:** Dimension indicating the height of the main body.
  - (Frame Width) B+5**: Dimension indicating the width of the frame.
  - Direction of Conveyance**: Arrow pointing to the right.
  - L+51.6**: Label for the conveyor frame.
- Notes:**
  - Additional counterbored holes are machined on identical locations on both frames.



- ❗ The dimensions in the diagram is for Belt Specifications H (0.8mm THK.). Take note that belt thickness varies by Belt Specifications. For Belt Specifications, see **P.1279**~.
- ❗ The Y section of the frame is used for pulley holder mounting. The nuts cannot be moved to this area.





Output (W)	Motor		Reduction Ratio	A
	Specification	Manufacturer		
6W	Induction Motor	Panasonic	12.5-2.5	101.0
		Oriental	30-180	108.0
			12.5-25	105.0
	Variable Speed Motor	Panasonic	30-180	115.0
			12.5-25	111.0
		Oriental	12.5-25	118.0
			12.5-25	115.0
			30-180	125.0
25W	Induction Motor	Panasonic	5-180	115.0
		Oriental	5-18	117.0
			25-180	127.5
	Variable Speed Motor	Panasonic	5-180	125.0
		Oriental	5-18	127.0
			25-180	137.5

Output (W)	Motor		Reduction Ratio	A
	Specification	Manufacturer		
40W	Induction Motor	Panasonic	5~180	142.0
		Oriental	5~18	147.0
			25~180	165.0
	Variable Speed Motor	Panasonic	5~180	152.0
		Oriental	5~18	157.0
			25~180	175.0

Belt Speed (m/min)	6W / B=300 (kg/Unit)	25W / B=300 (kg/Unit)	40W / B=300 (kg/Unit)
0	10.5	15.0	15.0
5	10.5	15.0	15.0
10	3.0	15.0	15.0
15	1.5	10.0	15.0
20	0.5	7.5	11.0
25	0.0	6.0	6.0

Gearhead Reduction Ratio	Belt Speed (m/min)	
	50Hz	60Hz
5	47.1	56.5
7.5	31.4	37.7
9	26.2	31.4
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

Gearhead Reduction Ratio	Belt Speed (m/min)	
	50Hz	60Hz
5	47.1	56.5
7.5	31.4	37.7
9	26.2	31.4
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

 Connect the motor so that the belt rotates in the direction of conveyance. For connection diagram, and details of motor and inverter, see [P. 1267](#) onward.  
 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.  
 When "No motor, gearhead" is selected, this unit will be delivered alone. The customer is to assemble the unit according to the included assembly instructions. See our Conveyor Selection site for assembly procedures and packaging details.  
 Note that warpage might occur in belts with meandering prevention crosspiece depending on the number of plies (thickness).

⚠ For flat belt details, see  **P1279** onward.

⚠ In case of selecting Optional Belts, please select motor manufacturer A or B (Motor C is applicable for Standard Belt only.)

[illegible]

Motor Spec. Price	Motor Output	Specification	A (Panasonic Motor)	B (Oriental Motor)	R (No Motor, Gearhead)
	6W 25W 40W	IM			
		SCM			

Belt Spec. Price	Standard Belt	Optional Belt 1	Optional Belt 2	No Belt



<b>Part Number</b>	-	<b>B</b>	-	<b>L</b>	-	<b>Motor</b>				-	<b>Belt Specification</b>	-	<b>F</b>	-	<b>Motor Manufacturer Selection</b>	
CVSFD	-	100	-	1000	-	Output	-	Voltage	-	Specification	-	Gearhead Reduction Ratio	-	H	-	F500 - A

CVSFD-100-1000-25-TA230-SCM-25-J-F300-A  
CVSFD-100-1000-25-TA230-SCM-25-GG  
CVSFD-100-1000-25-NV-NM-NH-H-F300-R

⇒  $\boxed{\text{Body Price}} + \boxed{\text{Motor, Belt Spec. Price}} = \boxed{\text{Unit Price}}$



Motor Position Reversed
Motor Cover with Window
Brackets for Speed Controller Included
Post-Assembly Insertion Nuts Included
Motor with Terminal Box
Stands (Legs)

For details of alterations, see  **P. 1264** onward.