Flat Belt Conveyor SV Series

CE Compliant

Dedicated web site http://fa.misumi.jp/cvs/ The above site can be used to search for Convevor components and their maintenance parts



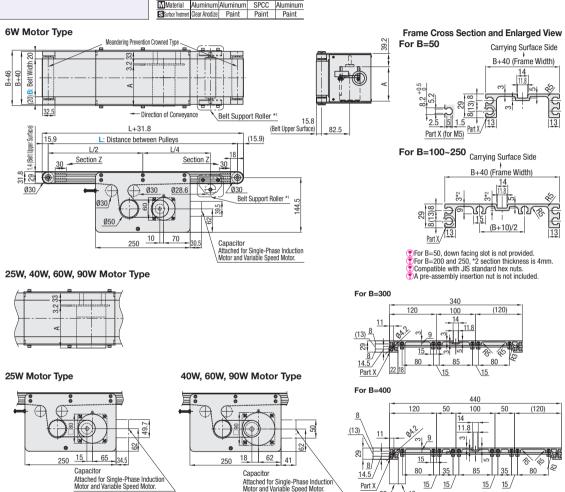
Center Drive, 2-Groove Frame (Pulley Dia. 30mm)



- * When L≥490, each slot has four (4) nuts inserted. When counterbores for inserting nuts are required, so specify in form of alteration ordering.
 When L=2005, belt support rollers are mounted at these positions.
 The dimensions in the diagram is for Belt Specification H (0.9mm THK). Note that belt thickness varies by Belt Specifications. For Belt

- The Z section of the frame is used for pulley holder mounting. The nuts cannot be moved to this area.
 On some operating environments, conveyance failure may occur.

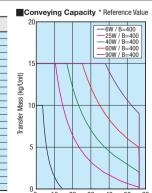
	Frame	Motor Cover (1)	Motor Cover (2)	Pulley Holde
Material .	Aluminum	Aluminum	SPCC	Aluminur
S Surface Treatment	Clear Anodize	Paint	Paint	Paint



Output			Reduction	Α	
(W)	Specification	Manufacturer	Ratio	_ ^	
		Panasonic	5~25	101.0	
		ranasonic	30~180	108.0	
	Induction Motor	Oriental	5~25	105.0	
	IIIduction wotor	Unemai	30~180	115.0	

A Dimension (Motor Overall Length) Details

Panasonic 5~25 101.0 30~180 108.0	cification Manufacturer Ratio Panasonic 5~180 Oriental 5~18 25~180 25~180
Panasonic 30~180 108.0	Oriental 5~18
30~180 108.0 108	
Induction Motor Oriental 30~180 115.0 40W	etion Motor Official 25-180
Induction Motor Oriental 30~180 115.0 40W	
40W	Taiwanese 5~75
	90~180
W Taiwanese	Oriental 5~18
	able Speed 25~180
	Motor Taiwanese 5~75
Variable Speed Oriental 30~180 125.0	90~180
Motor 5~75 126.9	Panasonic 5~180
Taiwanece	ction Motor Oriental 5~180
30-100 102.3	Taiwanese 5~75
Panasonic 5~180 115.0 60W	90~180
0-it-l 5~18 117.0 Variab	able Speed Oriental 5~180
	Motor Taiwanaca 5~/5
5~75 129.0	90~180
Taiwanese	Panasonic 5~180
00 100 100.0	ction Motor Oriental 5~180
Oriental 5~18 127.0 Inducti	Taiwanese 5~75
Variable Speed 25~180 137.5 90W	90~180
Motor 5~75 139.5 Variab	able Speed Oriental 5~180
	Motor Taiwanese 5~75
00 100 1100	Wotor 14Warrosc 90~180



20				based on IM (n 1,500 rpm [50 * May decrease o	notor rotation Hz]/1,800 rp	al speed n [60 Hz]).
		—90W /	B=400	Gearhead	Belt Spee	
15	.—			Reduction Ratio	50Hz	60Hz
_ `				5	47.1	56.5
(Kg/Unit)				7.5	31.4	37.7
₹		11 1 1 1		9	26.2	31.4
		1		12.5	18.8	22.6
SSE 10			1	15	15.7	18.8
ğ 10	'			18	13.1	15.7
ē		$ \ \ \ \ \ \ $	1	25	9.4	11.3
nster				30	7.9	9.4

		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
$\overline{}$		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
\searrow		60	3.9	4.7
		75	3.1	3.8
		90	2.6	3.1
		100	2.4	2.8
-1		120	2.0	2.4
		150	1.6	1.9
-	0 —	180	1.3	1.6
C	Ŭ ₹ F	or motor s	specification	SCM, this
	i	s adiustab	le up to (1/	15) × (max.

speeds are reference values (motor rotational speed

speed). The weight that can be conveyed decreases as the speed

Part	В	L			Motor			Motor Manufacturer Selection
Number	Selection	5mm Increment	Output (W)	Voltage (V)	Specification	Gearhead Reduction Ratio	Belt Specification	The prices vary by manufacturer.
	50 100 150		6 25 40 60 90	TA115 (Single-phase)	(IM (Induction Motor) SCM (Variable Speed Motor)		H (General Specifications, Green) W (General Specifications, White)	
	200 250		25 40 60 90	SA220 (3-Phase) SA230 (3-Phase)	IM (Induction Motor)	5 7.5 9 12.5 15 18 25 30 36 50 60 75 90 100 120	G (For Sliding, Green) S (For Sliding, White) D (For Electronic Parts Transfer)	
SVKN	300 400	390~3000 ⊗L ≥ 2005 is not selectable	40 60	TA115 (Single-phase)	(Induction Motor) SCM (Variable Speed Motor)		F (For Food Transfer, White) O (Oil Resistant, Navy Blue) N (Non-adhesive, White) J (No Belt)	ie not calactable for A
	400	for 6W Motor	90	SA220 (3-Phase) SA230 (3-Phase)	IM (Induction Motor)	⊗5~9 not applicable for 6W Motor	*When A or B is selected as the Motor Manufacturer	
	50 100 150 200 250 300 400		6 25 40 60 90	NV (No Motor)	NM (No Motor)	NH (No Gearhead)	Option, choose a belt from Belt Specification table below.	

The connective motor so that the belt rotates in the direction of conveyance. For connection diagram, and details of motor and inverter, see 🗷 P.1301 ~.

When "No motor, gearhead" is selected, the motor mounting hole jitch will vary depending on the motor's power rating. For the dimension details, see Technical Information in our Conveyor Selection web site.

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 assembly procedures and gackaging details. Purple Color Type of Belt is the Catalog Standard-Altered product. For details, see 🗷 P.1313~

It is not recommended to use the conveyor while it is tilted, regardless of the belt specifications

Belt Specification	Standard Belt (Body Price Only)	Optional Belt 1	Optional Belt 2	No Belt
General Purpose	H (Green), W (White), HG (Green)	-	HY (Yellow Green), HBN (Sky Blue)	
For Sliding	G (Green), S (White)	-	-	
For Inclined Transfer	LG (Green), LW (White)	-	-	
Grip Type	-	GG (Green), GW (White)	GSN (Green)	J
Oil Resistant	O (Navy Blue), OH (Green), OG (Green)	OW (White)	ON (White)	(No Belt)
Non-adhesive	N (White), NS (White)	NB (Sky Blue), NBG (Lime Green), HH (Green), HW (White)	NWN (White), NSN (Sky Blue), NGN (Lime Green), HBG (Green), HBW (White), BW (White)	
For Food Transfer	F (White)	KW (White), KSB (Sky Blue), PHB (Sky Blue)	PHN (Sky Blue), PWN (White), KWN (White)	
For Electronic Parts Transfer	D (Black), DS (Black)	-	DG (Black)	

PFor flat belt details, see ☑ P1313~.

• For Motor Manufacturer C (Taiwanese Motor), select either the H, W, G, S, D, F, O, N or J (No Belt) option.

Select a belt with a thickness of 1.0 mm or less for a motor output of 6 W.
Since only the transporting surface side is designed to be oil resistant. Oil Resistant Types are not useable on environments where it is very likely that oil adheres to the back face.

Part			Body Price 1~10 pc(s).																				
Number B	В	L390~ 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	L2005 ~2200	L2205 ~2400	L2405 ~2600	L2605 ~2800	L2805 ~3000
	50																						
	100																						
	150	-	-																				
SVKN	200	-	-	-																			
	250	-	-	-	-	-																	
	300	-	-	-	-	-	-																
	400	-	-	-	-	-	-																

For orders larger than indicated quantity, please check with WOS.

	Motor Output	Specification	A (Panasonic Motor)	B (Oriental Motor)	C (Taiwanese Motor)	R (No Motor, Gearhead)
	6W 25W	IM				
Motor Spec. Price	40W	SCM				
0,000.1.1.00	60W	IM				
	90W	SCM	-			

*When the motor output is 25 W, add 1.1 kg. *When the motor output is 40 W, add 2.1 kg. *When the motor output is 60 W, add 3.1 kg. *When the motor output is 90 W, add 3.6 kg.

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



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



Specify Drive Section Position Additional Counterbores Roller Edge Motor Cover with Window Brackets for Speed Controller Included Post-Assembly Insertion Nuts Included Motors with Electromagnetic Brake Stands (Legs)

For details of Alterations, see F P.1298~.