

Flat Belt Conveyors - Built-in Motor Type

2-Groove Frame (Pulley Dia. 32mm)

CE Compliant

* The above compliance applies only for Single-phase 230V Motors.

Dedicated web site <http://fa.misumi.jp/cvs/>

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

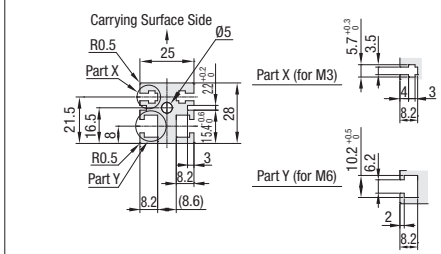
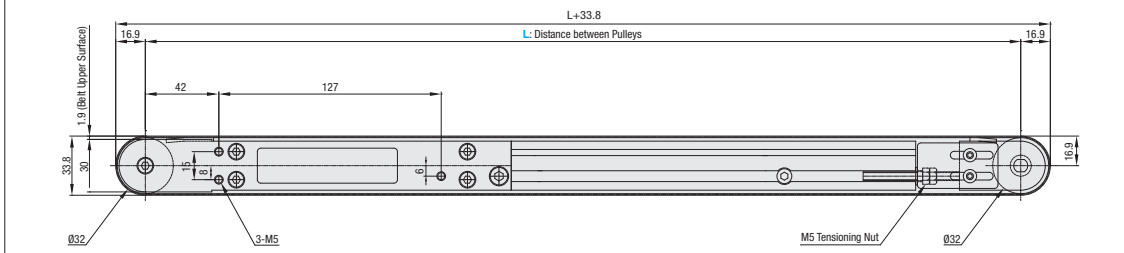
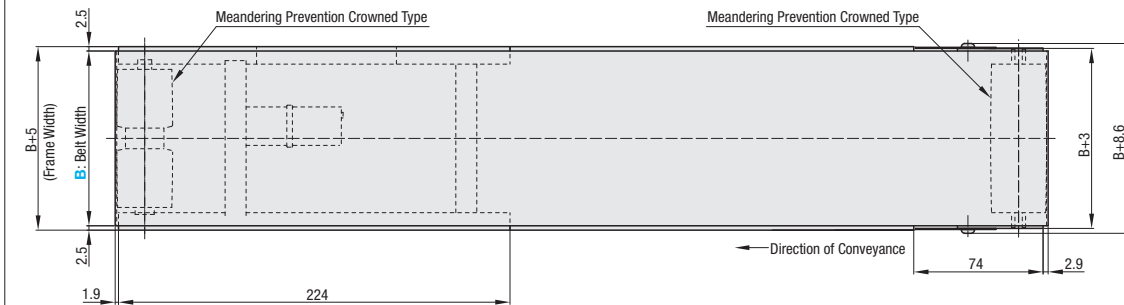
Features: The unit height has been restrained with the built-in motor between frames; 53% lower than that of CVSMA, with the adoption of a compact type motor.



CVSMB

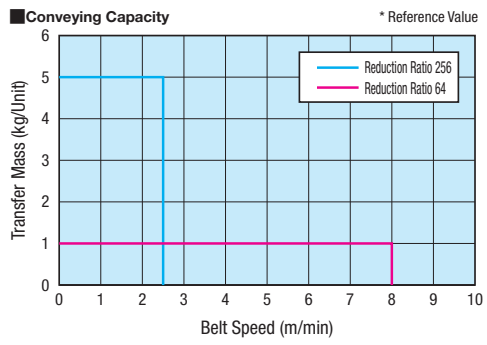
When it is necessary to operate a conveyor in a stand-alone state, select SWR (Include Switch Mode Power Supply) for Alteration.

	Frame	Pulley Holder (1)	Pulley Holder (2)
M Material	Aluminum	Aluminum	SS400
S Surface Treatment	Clear Anodize	Painted	Trivalent Chromate

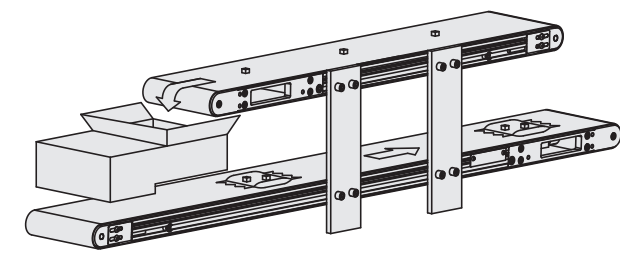


For motor manufacturer DA (TSUKASA ELECTRIC CO., LTD), service life of gear head will be about 300h (reference value). Note that this is not suitable for conveyance over an extended period of time.
 Motor gear head generates noise of about 60~80dB (reference value). Please be aware of this when you use it in a quiet environment.
 When the motor specification ND (no motor driver) is selected, note that the motor used for this conveyor will not be driven without driver. When SCM (variable speed) is selected, the motor driver will be included.

* Each slot has four (4) M6 nuts inserted. When L≤405, three (3) nuts are inserted. When counterbores for inserting nuts are required, so specify in form of alteration ordering.
 The dimensions in the diagram is for Belt Specification H (0.9mm THK.). Note that belt thickness varies by Belt Specifications. For Belt Specifications, see P1313~.
 On some operating environments, conveyance failure may occur.



Example



Part Number	B 10mm Increment	L 5mm Increment	Motor				Belt Specification	Motor Manufacturer Selection
			Output (W)	Voltage (V)	Specification	Gearhead Reduction Ratio		
CVSMB	70~300	370~2000	3.5	DC24 (Direct Current)	SCM (Variable Speed) ND (No Motor Driver)	64 256	H (General Purpose, Green) W (General Purpose, White) G (For Sliding, Green) S (For Sliding, White) D (For Electronic Parts Transfer, Black) F (For Food Transfer, White) O (Oil Resistant, Navy Blue) N (Non-adhesive, White) J (No Belt)	DA (TSUKASA ELECTRIC CO., LTD)
				NV (No Motor)				

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.
 For motor manufacturer DA (TSUKASA ELECTRIC CO., LTD), service life of gear head will be about 300h (reference value). Note that this is not suitable for conveyance over an extended period of time.
 Motor gear head generates noise of about 60~80dB (reference value). Please be aware of this when you use it in a quiet environment.
 When the motor specification ND (no motor driver) is selected, note that the motor used for this conveyor will not be driven without driver. When SCM (variable speed) is selected, the motor driver will be included.
 If overload is applied to the motor shaft, the motor driver will stop the operation. When the operation of belt conveyor stops, please verify usage conditions.
 If you use the AC power supply (single-phase or 3-phase) to drive the conveyor, select SWR (Include Switch Mode Power Supply) for Alteration. For details of switch mode power supply, see P1310.
 Since the appropriate tension is looser than that for other models, an uplift of belt may occur in some portion of the carrying surface on a thin thickness belt. If a workpiece is extremely light, please be aware of this before selecting.
 For connection diagram, and details of motor and motor driver, see P1308.
 For Motor Manufacturer C (Taiwanese Motor), select either the H, W, G, S, D, F, O, N or J (No Belt) option.
 Purple Color Type of Belt is the Catalog Standard-Altered product. For details, see P1313~.

Belt Specification	Standard Belt (Body Price Only)	Optional Belt 1	Optional Belt 2	No Belt
General Purpose	H (Green), W (White), HG (Green)	-	-	J (No Belt)
For Sliding	G (Green), S (White)	-	-	
For Inclined Transfer	-	-	-	
Grip Type	-	GG (Green), GW (White)	-	
Oil Resistant	O (Navy Blue), OH (Green), OG (Green)	OW (White)	-	
Non-adhesive	N (White), NS (White)	NB (Sky Blue), NGB (Lime Green), HH (Green), HW (White)	-	
For Food Transfer	F (White)	KW (White), KSB (Sky Blue)	-	
For Electronic Parts Transfer	D (Black), DS (Black)	-	-	

For flat belt details, see P1313~.
 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 Number	B	Body Price 1~10 pc(s)																	
		L370~400	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	
CVSMB	70~100																		
	110~150																		
	160~200																		
	210~250																		
	260~300																		

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

Price with Motor	ND (No Motor Driver/With Motor, Gear Head)	R (No Motor, Gear Head, Motor Driver)
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Belt Spec. Price	Standard Belt	Optional Belt 1	Optional Belt 2	No Belt
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Ordering Example

Part Number - B - L - Motor - Belt Specification - Motor Manufacturer Selection

CVSMB - 100 - 1000 - 3.5 - DC24 - SCM - 256 - H - DA

When it is necessary to operate a conveyor in a stand-alone state, select SWR (Include Switch Mode Power Supply) for Alteration.

Additional Counterbores
 Post-Assembly Insertion Nuts Included
 Switch Mode Power Supply Included
 For details of Alterations, see P1298~.