

Synchronous Belt ▶ Jointed Type • Glass Core



Please order according to the diagram

①~④ Select the type and parameters in the order of for ordering

Model(①Code) — Belt Type — Nominal Belt Width — Number Teeth
VCBJE — L — 050 — 80



Discounted Price
Quantity 1~9 10~
Price 100% Separate Quotation

Price Solving Tip (Note)

CAD 2D 3D

Code	Type	Material			Operating Temperature
		① Body	② Core Yam	③ Canvas	
VCBJE	Standard type	Organosilicon	Glazing line	Nylon Canvas	-20~70°C
VCBJF	Imported Back Fabric Coated				
VCBJG	Double-sided Fabric Coated				
VCBKJ	Standard type				
VCBKJ	Domestic Back Fabric Coated	Nylon Canvas			
VCBKL	Double-sided Fabric Coated				

① Joints are seamless with unconnected core wires, and the ends are thermally joined.
 ② Steel cord belts should not be tensioned from the back to avoid breaking the core wires.
 ③ Polyurethane open belts are made of thermoplastic polyurethane, exhibiting high wear resistance.
 ④ Reinforced core wires ensure good motion capability, reliable transmission, and stable dimensions during rotation.
 ⑤ Fabric-coated tooth surfaces reduce friction between the belt and the guide rail, minimizing noise.
 ⑥ Similarly, fabric-coated backs reduce friction between the belt and conveyor frames or pulleys, also reducing noise.
 ⑦ The polyurethane material is milky white.

Standard type
Belt Type : L/H/T5/T10

Back Fabric Coated

Standard type
Belt Type : S5M/S8M

Double-sided Fabric Coated

Code	Tooth Profile	Tooth Spacing	2θ	L(Lr)	h	H	V	Ra
VCBJE VCBJF VCBJG	L	9.525	40°	3.2	1.9	3.6	1.7	—
	H	12.7	40°	4.4	2.3	4.3	2	—
	T5	5	40°	1.8	1.2	2.2	1	—
	T10	10	40°	3.5	2.5	4.5	2	—
	S5M	5	—	3.25	1.85	3.35	1.5	3.25
	S8M	8	—	5.2	3.05	5.3	2.25	5.2

Code	Tooth Profile	Tooth Spacing	2θ	L(Lr)	h	H	V	Ra
VCBKJ VCBKJ VCBKL	L	9.525	40°	3.2	1.9	3.7	1.8	—
	H	12.7	40°	4.4	2.29	4.5	2.21	—
	T5	5	40°	1.8	1.2	2.3	1.1	—
	T10	10	40°	3.5	2.5	4.7	2.2	—
	S5M	5	—	3.25	1.91	3.6	1.69	3.25
	S8M	8	—	5.2	3.05	5.3	2.25	5.2

Code	Model Belt Type	Nominal Belt Width	Number Teeth	Belt Width (mm)	Allowable Tension (N)
Imported	L	050	80~1500	12.7	90
		075		19.1	140
		100		25.4	185
		150		38.1	275
	H	075	60~1000	19.1	165
		100		25.4	215
		150		38.1	325
		200		50.8	430
	S5M	100	150~2000	10	60
		150		15	90
		250		25	150
		150		15	115
Domestic	S8M	250	90~1500	25	195
		300		30	235
		400		40	315
		100		10	57
	T5	150	150~2000	15	86
		200		20	115
		250		25	144
		150		15	179
	T10	200	80~1500	20	239
		250		25	299
		300		30	359
		400		40	480
		500		50	600

① The formula for calculating the overall length is: Number of Teeth x Tooth Spacing.