

Synchronous Belt ▶ Jointed Type • Steel Cord



Please order according to the diagram

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

Model(①Code) — ②Belt Type — ③Nominal Belt Width — ④Number Teeth

VCEGU

XL

025

120



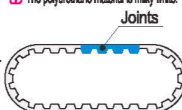
Discounted Price
Quantity 1~9 10~
Price 100% Separate Quotation
Price Excluding Tax (¥/unit)



CAD 3D

Code	Type	Material			Operating Temperature
		① Body	② Core Yam	③ Canvas	
VCEGU	Standard type				0~80°C
VCEGV	Imported Tooth Surface Fabric Coated				
VCEGW	Back Fabric Coated			Nylon Canvas	
VCEGX	Double-sided Fabric Coated	Organosilicon	Steel wire		
VCEHY	Standard type				
VCEHZ	Domestic Tooth Surface Fabric Coated				
VCEHA	Back Fabric Coated			Nylon Canvas	
VCEHB	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 items or pulleys, also reducing noise.
- ⑦ The polyurethane material is milky white.

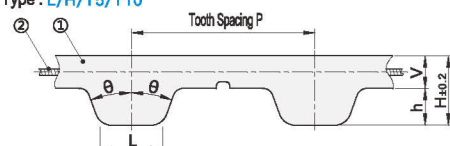


Nominal Belt Width		
Belt Width(mm)	Tolerance	
3~30	±0.5	
31~50	±0.8	

① Belt Length Tolerance: 0 to 2 Teeth

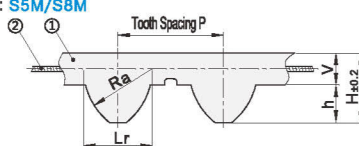
Standard type: VCEGU/VCEHY

Belt Type: L/H/T5/T10

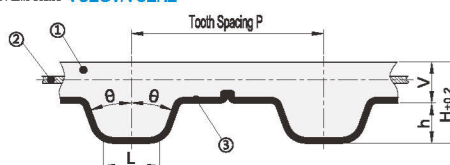


Standard type: VCEGU/VCEHY

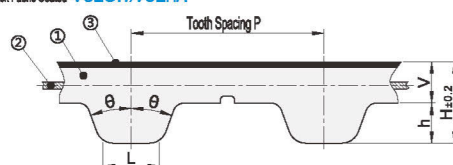
Belt Type: S5M/S8M



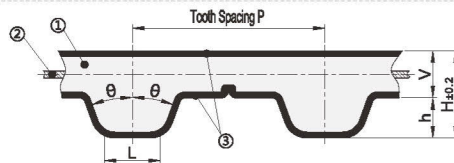
Tooth Surface Fabric Coated VCEGV/VCEHZ



Back Fabric Coated VCEGW/VCEHA



Double-sided Fabric Coated VCEGX/VCEHB



Model		Number Teeth	Belt Width (mm)	Allowable Tension (N)
Code	Belt Type			
Imported Standard type Tooth Surface Fabric Coated VCEGV Back Fabric Coated VCEGW Double-sided Fabric Coated VCEGX	XL	025	6.4	90
		037	9.5	135
		050	12.7	175
		050	12.7	318
	L	075	19.1	478
		100	25.4	638
		150	38.1	948
		075	19.1	478
	H	100	25.4	638
		150	38.1	958
		200	50.8	1278
		100	10	155
Domestic Standard type VCEHY Tooth Surface Fabric Coated VCEHZ Back Fabric Coated VCEHA Double-sided Fabric Coated VCEHB	S5M	150	15	210
		250	25	360
		150	15	210
		250	25	420
	S8M	300	30	500
		400	40	625
		100	10	148
		150	15	198
	T5	200	20	268
		250	25	348
		150	15	318
		200	20	438
	T10	250	25	638
		300	30	820
		400	40	958
		500	50	1278

Code	Tooth Profile	Tooth Spacing	2θ	L(Lr)	h	H	V	Ra
VCEGU VCEGV VCEGW VCEGX	XL	5.08	50°	1.35	1.27	2.3	1.03	—
	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
VCEHY VCEHZ VCEHA VCEHB	XL	5.08	50°	1.35	1.27	2.3	1.03	—
	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

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