Order guide

C (Major category) DT (Category) D (Series) - P2 (1 Body Material) - B (2 Cord Material) - XL (3 Belt Type) - 025 (4 Nominal Belt Width) - 50 (5 Number of Teeth)

Please refer to the series code to select the type and parameters for ordering.

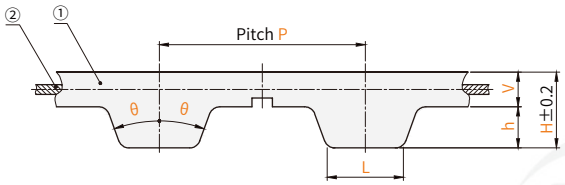
Code	Place of Origin	Material		Operating Temperature
		① Body 1	② Cord 2	
CDTD-P2-B	Domestic	Chloroprene Rubber	Glass Fiber Cord	-20~75°C
J-CDTD-P3-G	Imported	Polyurethane	Steel Wire	
J-CDTD-P3-B			Aramid Fiber Cord	
CDTD-P3-G	Domestic		Steel Wire	
CDTD-P3-B			Aramid Fiber Cord	

- Seamless at the joint, ends joined by thermal bonding.
- Steel cord belts must not be tensioned from the back; otherwise, the cords may break.
- Polyurethane open-ended belts have high wear resistance.
- Various types of reinforced cores ensure the belt maintains good mobility during operation, reliable power transmission, and dimensional stability.
- The color of neoprene rubber is black.
- Belt length tolerance: 0 ~ 2 teeth.

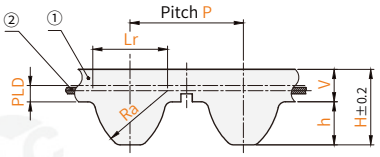
Nominal Belt Width Tolerance

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

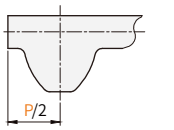
Belt Type:XL/L/H/T5/T10

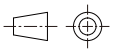


Belt Type:S3M/S5M/S8M



End Face Dimension





Visual standards: first perspective

Code	Belt Type	Pitch	2θ	L(Lr)	h	H	V	Ra	PLD
CDTD-P2-B J-CDTD-P3-G J-CDTD-P3-B	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	—	—
	S3M	3	—	1.95	1.14	1.94(2.2)	0.8(1.06)	1.95	0.381
	S5M	5	—	3.25	1.85	3.35	1.5	3.25	0.48
	S8M	8	—	5.2	3.05	5.3	2.25	5.2	0.686
CDTD-P3-G CDTD-P3-B	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	—	—
	S3M	3	—	1.95	1.14	2.4	1.26	1.95	0.381
	S5M	5	—	3.25	1.91	3.6	1.69	3.25	0.48
	S8M	8	—	5.2	3.05	5.3	2.25	5.2	0.686

( ) Dimensions for polyurethane products.

Model			Number of Teeth ❺	Belt Width (mm)	Allowable Tension (N)		For Connecting Metal Parts
Code	Belt Type ❸	Nominal Belt Width ❹			Neoprene	Polyurethane	
CDTD-P2-B (Domestic Neoprene)	XL	025		6.4	30	65	CDTJ-XL-025
		037		9.5	45	100	CDTJ-XL-037
		050		12.7	70	140	CDTJ-XL-050
J-CDTD-P3-G/B (Imported Polyurethane)	L	050		12.7	95	260	CDTJ-L-050
		075		19.1	165	390	CDTJ-L-075
		100		25.4	225	520	CDTJ-L-100
CDTD-P3-G/B (Domestic Polyurethane)	H	075		19.1	175	400	CDTJ-H-075
		100		25.4	235	530	CDTJ-H-100
		150		38.1	345	800	CDTJ-H-150
		200		50.8	465	1095	CDTJ-H-200
CDTD-P2-B (Domestic Polyurethane)	S3M	060		6	65	130	CDTJ-S3M-060
		100		10	70	105	CDTK-S3M-100
		150		15	90	160	CDTK-S3M-150
J-CDTD-P3-G/B (Imported Polyurethane)	S5M	100	50~2999/1	10	213	305	CDTJ-S5M-100
		150		15	322	488	CDTJ-S5M-150
		250		25	340	540	CDTJ-S5M-250
CDTD-P3-G/B (Domestic Polyurethane)	S8M	150		15	485	650	CDTJ-S8M-150
		250		25	950	1175	CDTJ-S8M-250
		300		30	1065	1410	CDTJ-S8M-300
		400		40	1325	1880	CDTJ-S8M-400
J-CDTD-P3-G/B (Imported Polyurethane)	T5	100		10		110	CDTJ-T5-100
		150		15		165	CDTJ-T5-150
		200		20		225	CDTJ-T5-200
		250		25		285	CDTJ-T5-250
CDTD-P3-G/B (Domestic Polyurethane)	T10	150		15	—	300	CDTJ-T10-150
		200		20		400	CDTJ-T10-200
		250		25		530	CDTJ-T10-250
		300		30		625	CDTJ-T10-300
		400		40		860	CDTJ-T10-400
		500		50		1065	CDTJ-T10-500

◉ Total Length Calculation Formula = Number of Teeth × Pitch