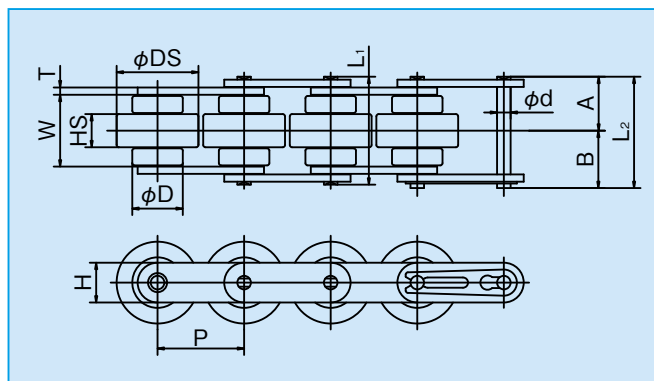


Using the special roller structure, the roller chain speed is merely about 1/2.5 of the pallet speed, reducing operating noise which is suitable for the line requiring quiet operation. Also, this chain features excellent starting responsibility after accumulation, not given by general free flow chains, which is suitable for assembly line requiring repetitive starts and stops.

Select roller materials according to loading conditions, similar to the carrier chain.



Roller Specifications	Roller type	Main roller color	Aux. roller color
General type	DP	Gray	Black
Conduction type	DPC	Black	Black
General type	DN	Gray	Gray
Conduction type	DNC	Black	Gray

○ Dimensions

[Unit: mm]

KCM Chain No.	Pitch P	Width between Inner Plates W	Roller			Pin					Link Plate	
			DS	D	HS	d	A	B	L ₁	L ₂	T	H
KCM CZ2030-**	19.05	15.75	18.30	11.91	7.0	3.28	11.23	12.95	22.45	24.15	1.2	8.8
KCM CZ2040-**	25.40	22.30	24.80	15.88	9.0	3.97	15.20	16.75	30.40	31.95	1.5	11.7
KCM CZ2050-**	31.75	28.20	30.00	19.05	11.4	5.09	19.45	20.90	38.90	40.35	2.0	14.6
KCM CZ2060-**	38.10	31.80	36.00	22.23	15.0	5.96	23.75	25.25	47.50	49.00	3.2	17.5

NOTES: - For models marked with **, select the type of roller.
 - For allowable load of the main roller, refer to page 54.

○ Triple Speed Chain Specifications

Type		Roller material	KCM Chain No.	Allowable Load (kgf)	Allowable Load of roller (kgf/roller)	Operating temp. (°C)	Approx. Weight (kg/m)	Speed Ratio (Pallet speed/Chain speed)
3-type Triple speed chain	Low load	Normal	Plastic	CZ2030-DP	28	-10 ~ + 80	0.4	2.53
		Conductive	Conductive plastic	CZ2030-DPC				
	Medium load	Normal	Plastic	CZ2030-DN	56			
		Conductive	Conductive plastic	CZ2030-DNC				
High load	High strength	Steel	CZ2030-HS	150	1.2	-10 ~ +150	1.1	
4-type carrier chain	Low load	Normal	Plastic	CZ2040-DP	45	-10 ~ + 80	0.8	2.55
		Conductive	Conductive plastic	CZ2040-DPC				
	Medium load	Normal	Plastic	CZ2040-DN	90			
		Conductive	Conductive	CZ2040-DNC				
High load	High strength	Steel	CZ2040-HS	270	2.8	-10 ~ +150	2.2	
5-type carrier chain	Low load	Normal	Plastic	CZ2050-DP	70	-10 ~ + 80	1.3	2.57
		Conductive	Conductive plastic	CZ2050-DPC				
	Medium load	Normal	Plastic	CZ2050-DN	140			
		Conductive	Conductive plastic	CZ2050-DNC				
High load	High strength	Steel	CZ2050-HS	440	4.8	-10 ~ +150	3.7	
6-type carrier chain	Low load	Normal	Plastic	CZ2060-DP	140	-10 ~ + 80	2.2	2.62
		Conductive	Conductive plastic	CZ2060-DPC				
	Medium load	Normal	Plastic	CZ2060-DN	210			
		Conductive	Conductive plastic	CZ2060-DNC				
High load	High strength	Steel	CZ2060-HS	640	7.6	-10 ~ +150	5.6	

Max. chain speed Vmax= is 15m/min.

Sprocket: Use the exclusively designed sprocket.