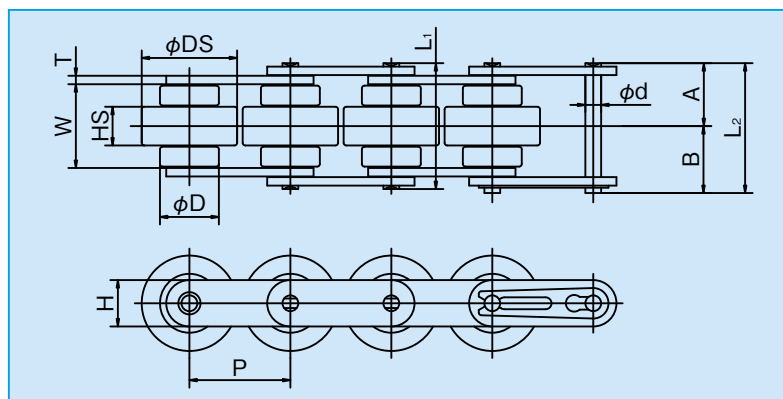


The carrier roller chain is fitted with large carrier rollers at pins to carry the loads, allowing more smooth and stable loading transferring than those of the roller chain with top rollers.

Select a proper one of the rollers, made of steel and plastic, according to loading conditions.



Roller Specifications	Roller type	Main roller color	Aux. roller color
General type	DN	Blue	Blue
Conduction type	DNC	Black	Blue

○ 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 CY2030-**	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 CY2040-**	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 CY2050-**	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 CY2060-**	38.10	31.80	36.00	22.23	15.0	5.96	23.75	25.25	47.50	49.00	3.2	17.5

NOTE: For models marked with **, select the type of roller.

○ Carrier Chains Specifications

Type	KCM chain number	Roller material	Allowable Load (kgf)	Allowable load of roller (kgf/roller)	Operating temp. (°C)	Approx. Weight (kg/m)	Speed Ratio
3-type carrier chains	KCM CY2030-DN	Plastic	56	0.5	-10 ~ + 80	0.4	1:1
	KCM CY2030-DNC	Conductive plastic					
	KCM CY2030-HS	Steel					
4-type carrier chain	KCM CY2040-DN	Plastic	90	1	-10 ~ + 80	0.8	
	KCM CY2040-DNC	Conductive plastic					
	KCM CY2040-HS	Steel					
5-type carrier chain	KCM CY2050-DN	Plastic	140	1.7	-10 ~ + 80	1.3	
	KCM CY2050-DNC	Conductive plastic					
	KCM CY2050-HS	Steel					
6-type carrier chain	KCM CY2060-DN	Plastic	200	2.9	-10 ~ + 80	2.2	
	KCM CY2060-DNC	Conductive plastic					
	KCM CY2060-HS	Steel					
			640	7.6	-10 ~ +150	5.4	

Max. chain speed V_{max}= 15m/min.

Sprocket: Use the exclusively designed sprocket.