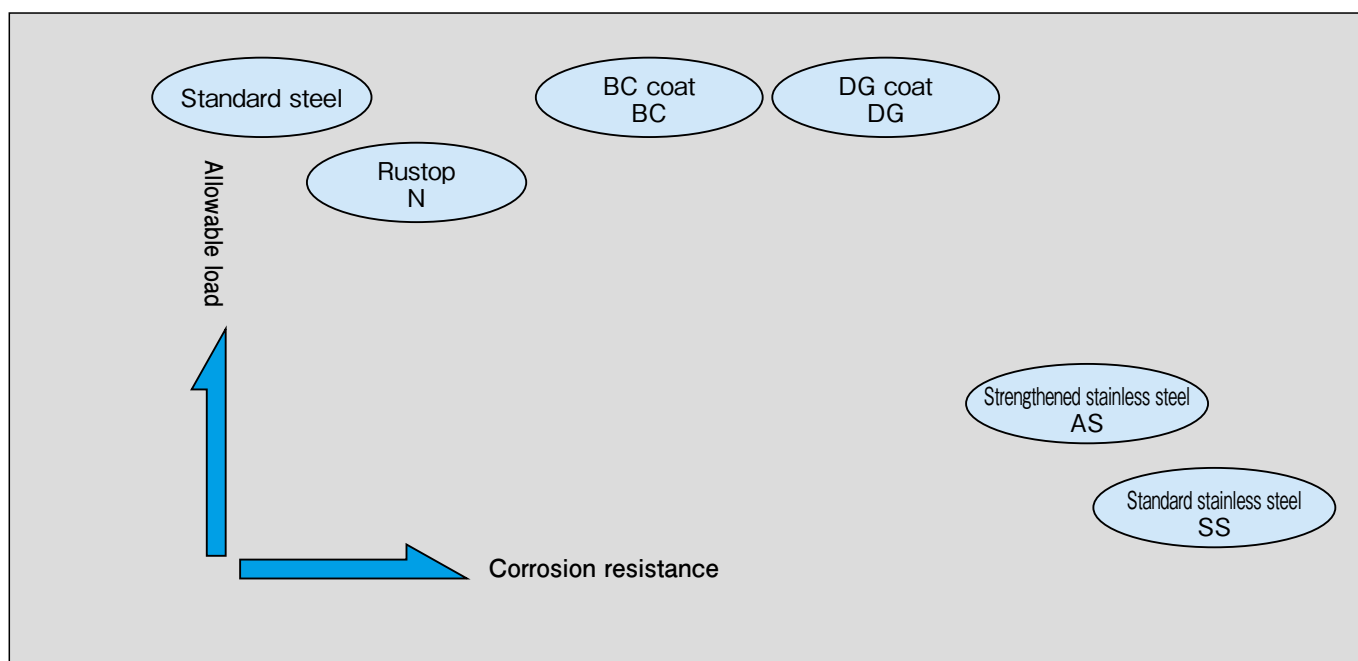


● Maximum Allowable Loads of Surface-Treated Chains

KCM Chain No.	Type	Max. Allowable Load of Surface-Treated Chains			Max. Allowable Load of SS Chains		Max. Allowable Load of Std steel Chains kN (kgf)
		Rustop "N" kN (kgf)	BC coat "BC" kN (kgf)	DG coat "DG" kN (kgf)	Standard "SS" kN (kgf)	Strengthened "AS" kN (kgf)	
KCM 40		3.04 (310)	3.63 (370)	3.63 (370)	0.44 (45)	0.69 (70)	3.63 (370)
KCM 50		5.39 (550)	6.37 (650)	6.37 (650)	0.69 (70)	1.03 (105)	6.37 (650)
KCM 60		7.26 (740)	8.83 (900)	8.83 (900)	1.03 (105)	1.57 (160)	8.83 (900)
KCM 80		12.70 (1,300)	14.71 (1,500)	14.71 (1,500)	1.77 (180)	2.65 (270)	14.71 (1,500)
KCM 100		19.12 (1,950)	22.56 (2,300)	22.56 (2,300)	2.55 (260)	—	22.56 (2,300)
KCM 2040		2.65 (270)	2.65 (270)	2.65 (270)	0.44 (45)	0.69 (70)	2.65 (270)
KCM 2050		4.31 (440)	4.31 (440)	4.31 (440)	0.69 (70)	1.03 (105)	4.31 (440)
KCM 2060		6.28 (640)	6.28 (640)	6.28 (640)	1.03 (105)	1.57 (160)	6.28 (640)
KCM 2060H		6.28 (640)	6.28 (640)	6.28 (640)	1.03 (105)	1.57 (160)	6.28 (640)
KCM 2080		10.69 (1,090)	10.69 (1,090)	10.69 (1,090)	1.77 (180)	2.65 (270)	10.69 (1,090)
KCM 2080H		10.69 (1,090)	10.69 (1,090)	10.69 (1,090)	1.77 (180)	2.65 (270)	10.69 (1,090)

NOTES: - Dimensions of surface-treated chains are the same as those of standard steel chains.
 - Connecting links of BC coat chains are split pin type.
 - Surface-treated chain can be used in place of most standard steel chains and chains with attachments.



NOTES: - This chart is graphical presentation, not showing actual ratios.
 - Corrosion resistance varies depending on operating conditions.

The double pitch roller chains for conveyor fall into two roller types: S-type (KCM Chain No. is suffixed with "0") and R-type (KCM Chain No. is suffixed with "2").

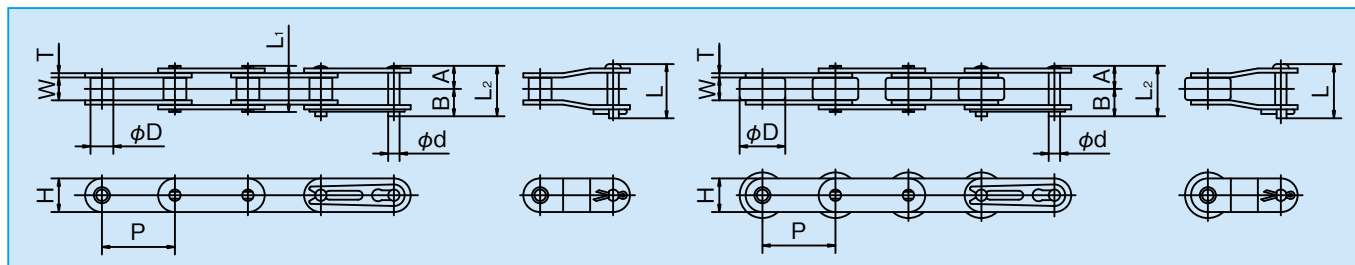
Using a variety of standard attachments, the double pitch roller chain can be used as a compact, high-precision conveyor.

Nickel plated models as well as stainless steel models are also available.

S Roller Type



R Roller Type



○ Dimensions

[Unit: mm]

KCM Chain No.	Pitch P	Width between Inner Plates W	Roller Dia. D	Pin						Link Plate		Ave. Tensile Strength kN (kgf)	Max. Allowable Load kN (kgf)	Approx. Weight (kg/m)	Links of 1 unit
				Dia. d	A	B	(A+A) L ₁	(A+B) L ₂	Offset L	Thickness T	Height H				
KCM C2040	25.40	7.95	7.92	3.97	8.02	9.53	16.05	17.55	18.95	1.5	11.7	17.2 (1,750)	2.65 (270)	0.48	120
KCM C2042			15.88											0.82	
KCM C2050	31.75	9.53	10.16	5.09	10.15	11.60	20.30	21.75	23.00	2.0	14.6	27.9 (2,850)	4.31 (440)	0.79	96
KCM C2052			19.05											1.25	
KCM C2060	38.10	12.70	11.91	5.96	12.65	14.15	25.30	26.80	29.45	2.4	17.5	39.5 (4,000)	6.28 (640)	1.12	80
KCM C2062			22.23											1.79	
KCM C2060H	38.10	12.70	11.91	5.96	14.25	15.75	28.50	30.00	32.65	3.2	17.5	39.5 (4,000)	6.28 (640)	1.43	80
KCM C2062H			22.23											2.11	
KCM C2080	50.80	15.88	15.88	7.94	16.07	19.18	32.15	35.25	36.90	3.2	23.0	68.6 (7,000)	10.69 (1,090)	1.88	60
KCM C2082			28.58											2.92	
KCM C2080H	50.80	15.88	15.88	7.94	17.70	20.80	35.40	38.50	40.15	4.0	23.0	68.6 (7,000)	10.69 (1,090)	2.37	60
KCM C2082H			28.58											3.41	
KCM C2100H	63.50	19.05	19.05	9.54	21.72	24.68	43.45	46.40	48.30	4.8	28.9	106.9 (10,900)	17.06 (1,740)	3.53	48
KCM C2102H			39.67											5.68	
KCM C2120H	76.20	25.40	22.23	11.11	26.85	30.25	53.70	57.10	59.30	5.6	35.0	149.1 (15,200)	23.93 (2,440)	4.75	40
KCM C2122H			44.45											7.40	

NOTES: - Connecting links for C2080 or larger models use split pins.

- **Sprockets:** For S-roller type chains with teeth No. 29T (with 14 1/2 working teeth) or smaller, use the exclusively designed sprocket for double-pitch roller chains.
For R-roller type chains, use the exclusively designed sprocket for R-roller type double pitch chains.