

Double Pitch Chain

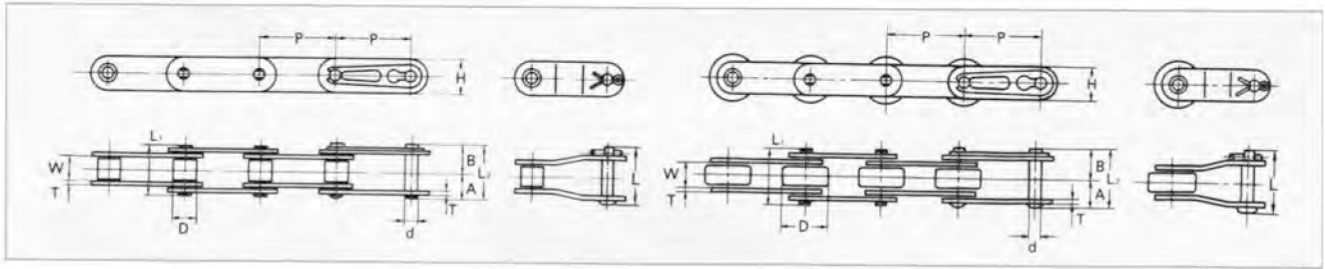


The double pitch roller chains for conveyor fall into two roller types: S types (KCM chain No. is suffixed with "0") and R types (KCM chain No. suffixed with "2") Using a variety of standard attachments, the double pitch roller chain can be used as a compact, high-precision conveyor. Nickel plated models as well as stainless steel models are also available.

S Roller Type



R Roller Type



Dimensions (millimeters)

KCM Chain Number	Pitch P	Width between inner plates W	Roller diameter D	Pin						Link plate		Average Tensile strength kgf (kN)	Maximum Allowable Load kgf (kN)	Approx weight (kg/m)	Links of 1 unit
				Diameter d	A	B	(A+A) L ₁	(A+B) L ₂	Offset L	Thickness T	Height H				
KCM C2040 KCM C2042	25.40	7.95	7.95 15.88	3.97	8.02	9.53	16.05	17.55	18.95	1.5	11.7	1,750(17.2)	280(2.75)	0.48 0.82	120
KCM C2050 KCM C2052	31.75	9.53	10.16 19.05	5.09	10.15	11.60	20.30	21.75	23.00	2.0	14.6	2,850(27.9)	450(4.41)	0.79 1.25	96
KCM C2060 KCM C2062	38.10	12.70	11.91 22.23	5.96	12.65	14.15	25.30	26.80	29.45	2.4	17.5	4,000(39.5)	640(6.28)	1.12 1.79	80
KCM C2060H KCM C2062H	38.10	12.70	11.91 22.23	5.96	14.25	15.75	28.50	30.00	32.65	3.2	17.5	4,000(39.5)	640(6.28)	1.43 2.11	80
KCM C2080 KCM C2082	50.80	15.88	15.88 28.58	7.94	16.07	19.18	32.15	35.25	36.90	3.2	23.0	7,000(68.6)	1,090(10.69)	1.88 2.92	60
KCM C2080H KCM C2082H	50.80	15.88	15.88 28.58	7.94	17.70	20.80	35.40	38.50	40.15	4.0	23.0	7,000(68.6)	1,090(10.69)	2.37 3.41	60
KCM C2100H KCM C2102H	63.50	19.05	19.05 39.68	9.54	21.72	24.68	43.45	46.40	47.60	4.8	28.9	10,900(106.9)	1,740(17.06)	3.53 5.68	48
KCM C2120H KCM C2122H	76.20	25.40	22.23 44.45	11.11	26.85	30.25	53.70	57.10	59.30	5.6	35.0	15,200(149.1)	2,440(23.93)	4.75 7.40	40

NOTE: Connecting link for the KCM 80 or larger models use split pins.