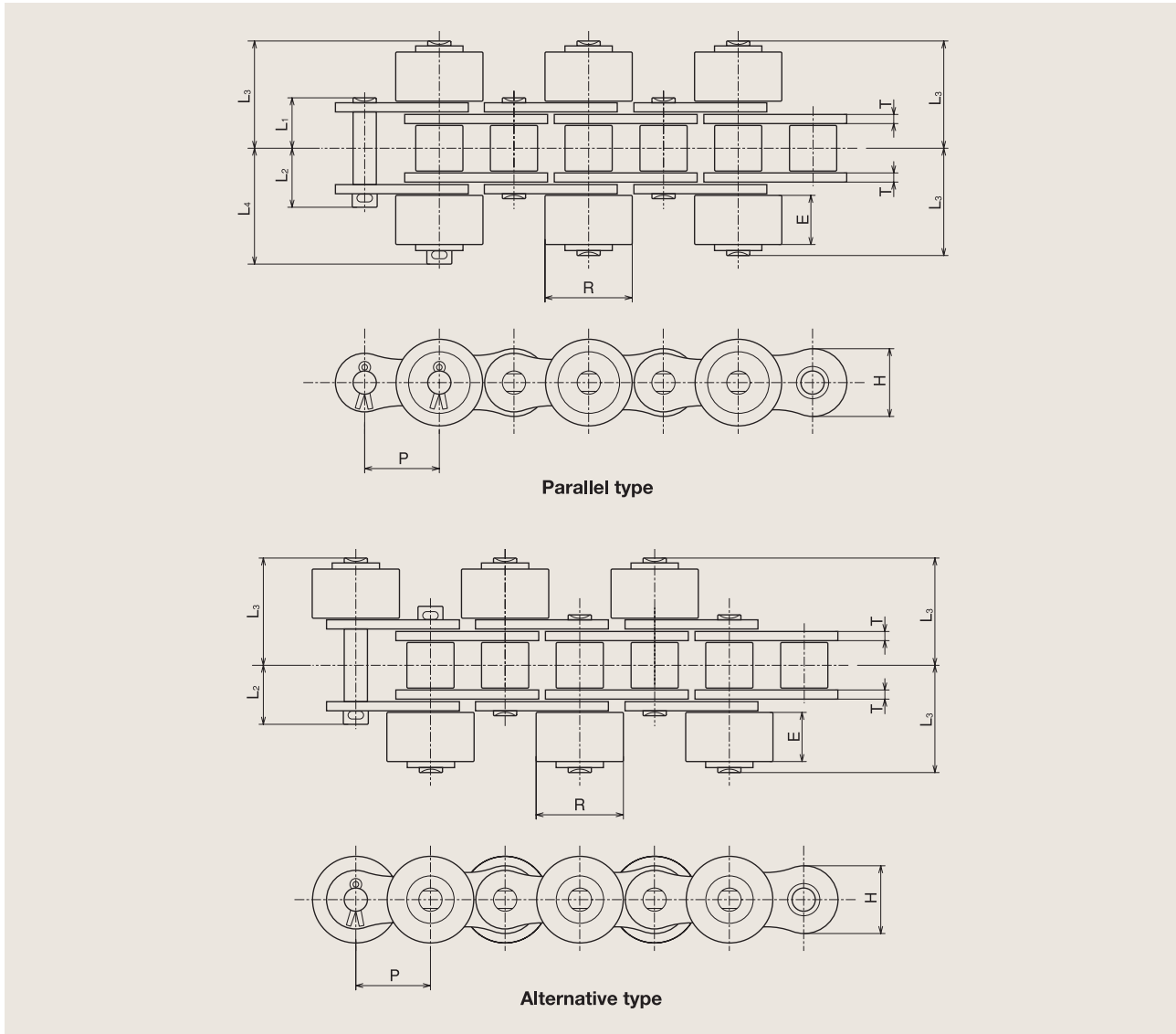


Side Roller Chains

- These chains have side rollers attached to one or both sides, in parallel or staggered patterns.
- The side rollers make the chains run extraordinarily smoothly.
- Plastic Side rollers can be used to reduce noise.



Chain No.	Pitch P (mm)	Side Roller		Pin Length				Link Plate		Average Tensile Strength		Maximum Allowable Load		Allowable load per 1 piece of side roller				Mass (kg/m)	
		Dia. (mm)	Width E (mm)	L ₁ (mm)	L ₂ (mm)	L ₃ (mm)	L ₄ (mm)	Height H (mm)	Thickness T (mm)	(kN)	(kgf)	(kN)	(kgf)	Plastic Roller		Steel Roller		Plastic Roller	Steel Roller
40	12.70	15.88	7.6	8.2	10.3	17.3	19.1	11.6	1.5	16.7	1700	2.64	270	0.05	5	0.15	15	0.94	1.67
50	15.875	19.05	9.2	10.3	11.6	21.4	23.1	14.5	2.0	27.5	2800	4.31	440	0.07	7	0.20	20	1.42	2.42
60	19.05	22.23	12.5	12.7	14.9	27.9	30.0	17.4	2.4	40.2	4100	6.27	640	0.10	10	0.29	30	2.11	3.63
80	25.40	28.58	15.6	16.2	18.8	34.8	37.8	23.4	3.2	68.7	7000	10.6	1090	0.18	18	0.54	55	3.57	5.92
100	31.75	39.67	18.5	19.6	23.2	41.9	45.5	29.3	4.0	108.0	11000	17.0	1740	0.29	30	0.78	80	5.56	10.02
C2040	25.40	15.88	7.6	8.2	10.3	17.3	19.1	11.5	1.5	16.7	1700	2.64	270	0.05	5	0.15	15	0.66	1.02
C2042		23.0												0.07	7	0.20	20	0.89	1.30
C2050	31.75	19.05	9.2	10.2	11.6	21.4	23.1	15.0	2.0	27.5	2800	4.31	440	0.07	7	0.20	20	1.03	1.53
C2052		27.0												0.10	10	0.29	30	1.23	1.70
C2060H	38.10	22.23	12.5	14.4	16.7	29.5	31.6	17.0	3.2	40.2	4100	6.27	640	0.10	10	0.29	30	1.80	2.56
C2062H		30.0												0.15	15	0.44	45	1.93	2.64
C2080H	50.80	28.58	15.6	17.8	21.1	36.5	39.5	22.8	4.0	68.7	7000	10.6	1090	0.18	18	0.54	55	3.12	4.30

Note: Refer to the standard roller chain or double pitch conveyor roller chain for dimensions not stated here.