

Leaf Chains

HKK Leaf chains are well suited for any application requiring flexible, high strength linkage for reciprocating motion or lift at relatively low speed. For their low cost and long life, widely used for lift trucks, masts and other lifting as construction and mining machines and excellent as balance and counterweights of machine tools and so forth.

CONSTRUCTION AND LACING COMBINATIONS

Built of interlaced plates held together by riveted pins. The chain nomenclature indicates the lacing combinations.

AL SERIES (LIGHT DUTY)

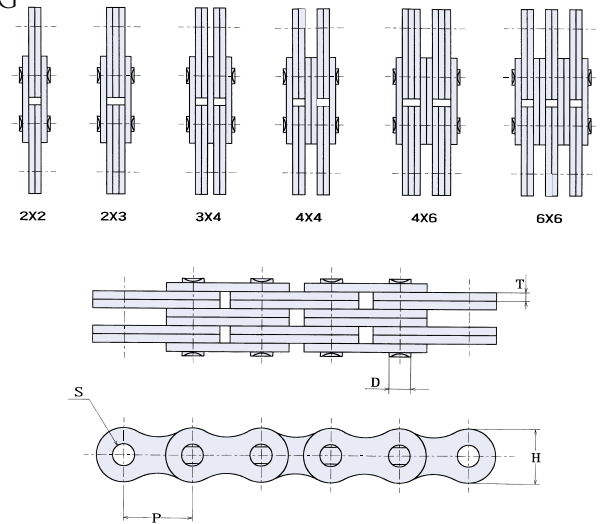
Consisting of link plates of the same contour and thickness as the pin link plates of ANSI roller chains in same pitch. Mainly used for relatively constant, low, medium load with less shock.

BL SERIES (HEAVY DUTY)

Consisting of link plates with next large size pitch chain of ANSI roller chains. Chiefly used for medium load with greater shock.

LL SERIES (ISO 606)

Consisting of link plates of the same contour and thickness as the pin link plates of BS roller chains



HKK Chain No.	Lacing	Dimensions - mm						Average Ultimate Strength kN	Maximum Allowable Load kN	Average Weight kg/m
		Pitch P	Pin		Plate		Hole Dia S			
			Dia. D	Length L	Height H	Thickness T				
AL422	2x2	12.70	3.96	8.4	10.3	1.5	4.03	18.6	1.86	0.36
AL444	4x4			14.6				37.3	3.43	0.70
AL466	6x6			21.2				55.9	3.92	1.04
AL522	2x2	15.875	5.08	10.5	12.7	2.0	5.15	30.4	3.04	0.58
AL544	4x4			19.0				60.8	5.30	1.16
AL566	6x6			27.6				94.1	6.28	1.73
AL622	2x2	19.05	5.95	12.4	15.2	2.4	6.04	43.1	4.41	0.81
AL644	4x4			22.2				86.3	7.45	1.68
AL666	6x6			32.6				129	8.73	2.46
AL822	2x2	25.40	7.93	16.6	20.2	3.2	8.00	72.6	7.35	1.42
AL844	4x4			29.4				145	13.2	2.88
AL866	6x6			43.0				218	15.4	4.23
AL1022	2x2	31.75	9.53	19.6	24.5	4.0	9.59	108	11.6	2.46
AL1044	4x4			36.2				216	20.6	4.81
AL1066	6x6			53.5				324	24.0	7.24
AL1222	2x2	38.10	11.10	24.0	29.2	4.8	11.22	152	16.5	3.35
AL1244	4x4			43.7				304	29.1	6.58
AL1266	6x6			63.4				456	34.2	9.82
AL1422	2x2	44.45	12.70	27.8	34.2	5.6	12.82	205	22.1	4.99
AL1444	4x4			51.2				410	38.9	9.56
AL1466	6x6			73.6				615	46.1	14.13
AL1622	2x2	50.80	14.28	31.8	40.3	6.4	14.47	269	28.3	6.35
AL1644	4x4			58.4				539	49.9	12.62
AL1666	6x6			84.8				809	58.8	18.87

HKK Chain No.	Lacing	Dimensions - mm						Average Ultimate Strength kN	Maximum Allowable Load kN	Average Weight kg/m
		Pitch	Pin		Plate		Hole Dia S			
			Dia.	Length	Height	Thickness				
			P	D	L	H				
BL422	2x2	12.70	5.08	10.5	11.7	2.0	5.15	27.5	4.51	0.64
BL423	2x3			12.5				27.5	4.51	0.79
BL434	3x4			16.8				40.7	5.30	1.07
BL444	4x4			19.0				54.4	5.98	1.22
BL446	4x6			23.0				54.4	5.98	1.58
BL466	6x6			27.5				82.5	9.81	1.89
BL522	2x2	15.875	5.95	12.4	14.6	2.4	6.04	42.7	6.86	1.01
BL523	2x3			15.0				42.7	6.86	1.19
BL534	3x4			20.0				64.0	8.33	1.61
BL544	4x4			22.2				85.3	9.41	1.80
BL546	4x6			27.6				85.3	9.41	2.26
BL566	6x6			32.4				127	15.7	2.65
BL622	2x2	19.05	7.93	16.6	17.5	3.2	8.00	70.6	9.81	1.53
BL623	2x3			19.5				70.6	9.81	1.89
BL634	3x4			26.2				106	12.3	2.68
BL644	4x4			29.2				141	13.7	3.04
BL646	4x6			36.5				141	13.7	4.15
BL666	6x6			43.0				212	24.5	4.58
BL822	2x2	25.40	9.53	19.6	24.1	4.0	9.59	114	17.0	2.57
BL823	2x3			23.8				114	17.0	3.17
BL834	3x4			32.5				172	20.6	4.37
BL844	4x4			36.2				228	23.5	4.95
BL846	4x6			45.0				228	23.5	6.23
BL866	6x6			53.5				342	40.2	7.44
BL1022	2x2	31.75	11.10	24.0	29.3	4.8	11.20	157	26.0	3.73
BL1023	2x3			28.6				157	26.0	4.64
BL1034	3x4			38.7				245	31.4	6.50
BL1044	4x4			43.7				314	36.3	7.41
BL1046	4x6			53.4				314	36.3	9.21
BL1066	6x6			63.4				471	58.8	11.07
BL1222	2x2	38.10	12.70	27.8	35.1	5.6	12.82	207	36.8	4.77
BL1223	2x3			34.2				207	36.8	6.46
BL1234	3x4			45.5				332	44.1	9.05
BL1244	4x4			51.2				414	50.5	10.27
BL1246	4x6			62.6				414	50.5	11.86
BL1266	6x6			73.6				621	73.1	14.40
BL1422	2x2	44.45	14.28	31.8	40.9	6.4	14.39	270	49.0	7.87
BL1423	2x3			38.8				270	49.0	8.90
BL1434	3x4			51.7				405	58.8	11.61
BL1444	4x4			58.4				539	67.7	12.87
BL1446	4x6			71.2				539	67.7	17.86
BL1466	6x6			84.8				810	95.1	22.33
BL1622	2x2	50.80	17.45	35.8	46.7	7.2	17.62	392	58.8	9.77
BL1623	2x3			43.7				392	58.8	12.08
BL1634	3x4			58.9				618	70.6	16.85
BL1644	4x4			65.9				785	80.4	18.85
BL1646	4x6			80.2				785	80.4	23.94
BL1666	6x6			96.2				1176	137.3	28.54