

SY 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)

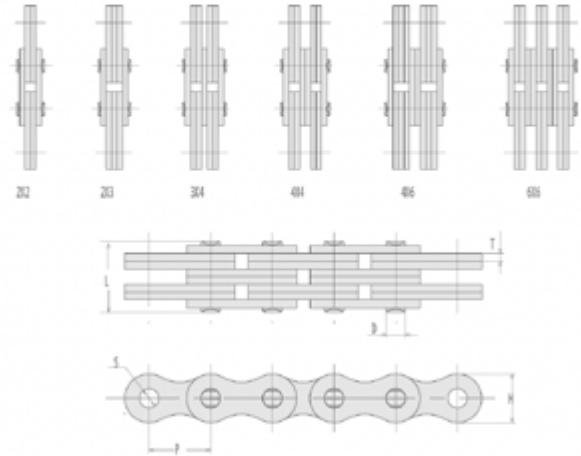
Consisting of link plates of the same contour and thickness as the pin link plates of ANSI roller chains in same pitch. Mainly used for relatively constant, low, medium load with less shock.

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 in same pitch.



SY Chain No. (ANSI)	Lacing	Dimensions - mm						Average Ultimate Strength	Maximum Allowable Load	Average Chain Weight
		Pitch	Pin				Hole Dia			
			Dia.	Length	Height	Thickness				
P	D	L	H	T	S	kN	kN	kg/m		
AL 644	4x4	19.05	5.95	22.2	15.2	2.4	6.04	86.3	7.45	1.68
AL 844	4x4 6x6	25.4	7.93	29.4	20.2	3.2	8	145	13.2	2.88
AL 866				43.0				218		
AL 1066	6x6	31.75	9.53	53.5	24.5	4	9.59	324	24.0	7.24
AL 1244	4x4	38.1	11.1	43.7	29.2	4.8	11.22	304	29.1	6.58
AL 1666	6x6	50.8	14.28	84.8	40.3	6.4	14.47	809	58.8	18.87