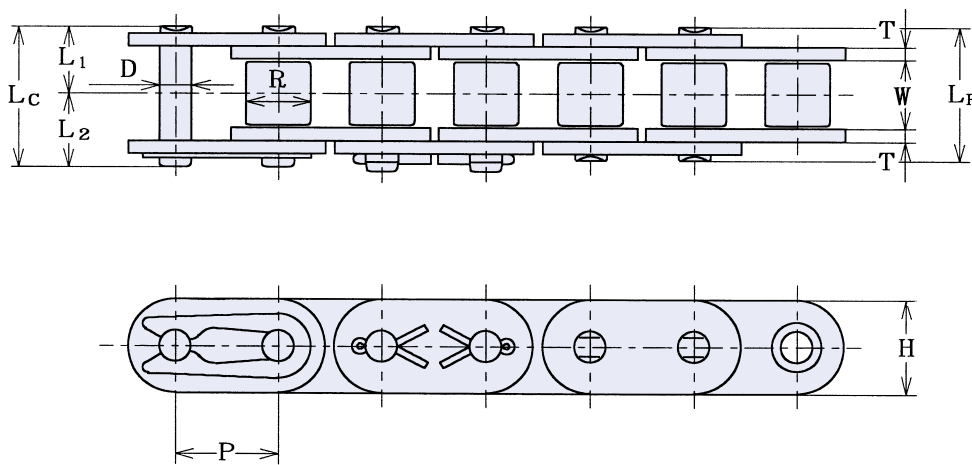


ANSI Straight Sidebar Chains

SY ANSI Straight Sidebar chains are identical with ANSI standard chains except for the straight side plates. They offer higher fatigue resistance than the standard chains. However, the main usage is for conveyor applications when a flat side plate is needed. Sprockets for ANSI standard chains may be used for these chains. The suffix F is used for identification of Straight Sidebar Chains.



SY Chain No.	Dimensions - mm										Average Ultimate Strength	Maximum Allowable Load	Average Chain Weight	Type of Conn Link
	Pitch	Roller		Pin				Plate						
		Width	Dia.	Dia.	Length			Height	Thick.					
P	W	R	D	LR	LC	L1	L2	H	T	kN	kN	kg/m		
SY 35F	9.525	4.78	5.08	3.58	12.0	12.9	6.0	6.9	9.0	1.25	10.8	2.23	0.38	Spcl
SY 40F	12.70	7.95	7.92	3.96	16.5	17.7	8.3	9.4	11.7	1.5	19.1	4.17	0.67	
SY 50F	15.875	9.53	10.16	5.08	20.4	21.9	10.2	11.7	14.6	2.0	31.9	7.22	1.1	C
SY 60F	19.05	12.70	11.91	5.95	25.5	26.9	12.8	14.1	17.5	2.4	43.1	10.7	1.63	
SY 80F	25.40	15.88	15.88	7.93	32.8	35.0	16.4	18.6	23.4	3.2	78.5	18.4	2.82	
SY 100F	31.75	19.05	19.05	9.53	39.4	43.0	19.7	23.3	29.3	4.0	118	28.3	4.37	
SY 120F	38.10	25.40	22.23	11.1	49.5	53.4	24.8	28.6	35.1	4.8	167	38.0	6.45	
SY 140F	44.45	25.40	25.40	12.7	54.0	58.3	27.0	31.3	40.9	5.6	216	50.3	8.29	
SY 160F	50.80	31.75	28.58	14.28	64.3	68.7	32.2	36.5	46.7	6.4	275	66.3	10.96	
SY 200F	63.50	38.1	39.67	19.83	78.5	87.0	39.3	47.7	59.8	8.0	451	82.3	18.96	
SY 240F	76.20	47.63	47.63	23.78	96.4	104.1	48.2	55.9	70.3	9.5	677	112.8	26.47	