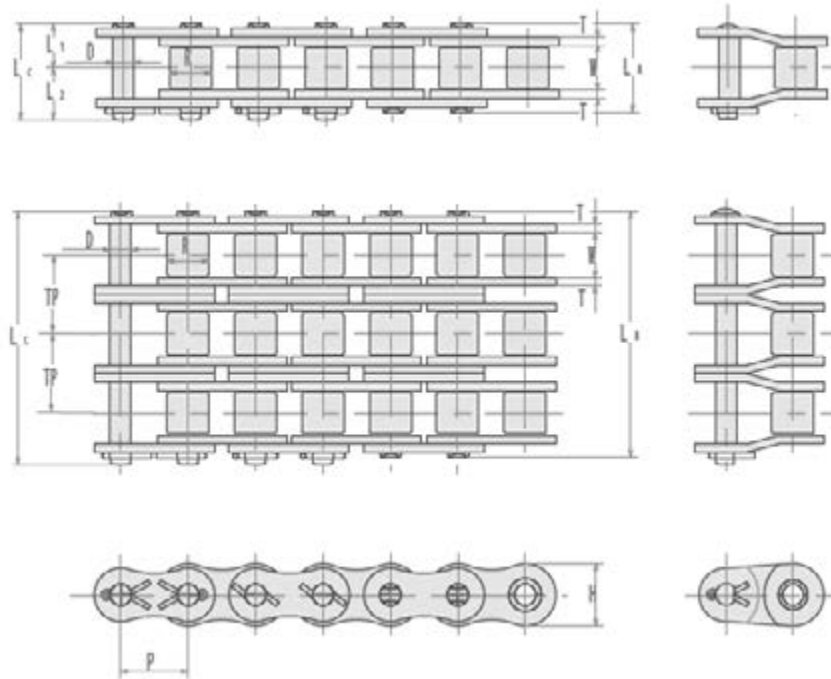


SY H-series roller chains are provided with greater shock and wear resistance and high breaking strength for general purpose applications. The side plate thickness is equal to the next larger ANSI roller chains and through-hardened high-tensile structural steel pins realize strong power transmission in limited equipment space, showing excellent shock absorption and fatigue strength and high ultimate strength of as much as 110-120 percent.

Single roller chains of this series run on standard single roller chain sprockets.



Single Strands

SY Chain No. (ANSI)	Dimensions - mm											Average Ultimate Strength Kn	Maximum Allowable Load kN	Average Chain Weight kg/m
	Pitch P	Bushing		Pin				Plate		Trans. Pitch TP				
		Width W	Dia. R	Dia. D	Length		Height H	Thick. T						
					LR	LC	L1	L2						
50H*	15.875	9.53	10.16	5.09	-	-	-	-	-	-	-	-	-	-
60H*	19.05	12.7	11.91	5.95	28.8	30.8	14.4	16.4	17.5	3.2	54.9	10.7	1.8	
80H*	25.4	15.88	15.88	7.93	35.7	38.7	17.9	20.8	23.4	4	90.2	18.4	2.81	
100H	31.75	19.05	19.05	9.53	42.4	45.9	21.2	24.7	29.3	4.8	137	28.3	4.14	
120H	38.1	25.4	22.23	11.1	52.8	57.2	26.4	30.8	35.1	5.6	186	38	5.83	
140H	44.45	25.4	25.4	12.7	57.2	61.8	28.6	33.2	40.9	6.4	241	50.3	8.41	
160H	50.8	31.75	28.58	14.28	67.9	73	34	39	46.7	7.2	306	66.3	10.86	
180H	57.15	35.7	35.7	17.45	75.6	81.5	37.8	43.7	52.5	8	373	70.6	15.18	

*Also stocked in 100ft and 50ft reels

Multiple Strands

SY Chain No. (ANSI)	Dimensions - mm											Average Ultimate Strength Kn	Maximum Allowable Load kN	Average Chain Weight kg/m
	Pitch P	Bushing		Pin				Plate		Trans. Pitch TP				
		Width W	Dia. R	Dia. D	Length		Height H	Thick. T						
					LR	LC	L1	L2						
100H -2	31.75	19.05	19.05	9.53	81.6	85.0	40.8	44.2	29.3	4.8	39.1	274	39.1	8.20
120H-2	38.10	25.40	22.23	11.1	102.0	106.1	51.0	55.1	35.1	5.6	48.9	372	53.4	11.56
140H -2	44.45	25.40	25.40	12.70	109.4	114.0	54.7	59.3	40.9	6.4	52.2	482	70.0	16.59