

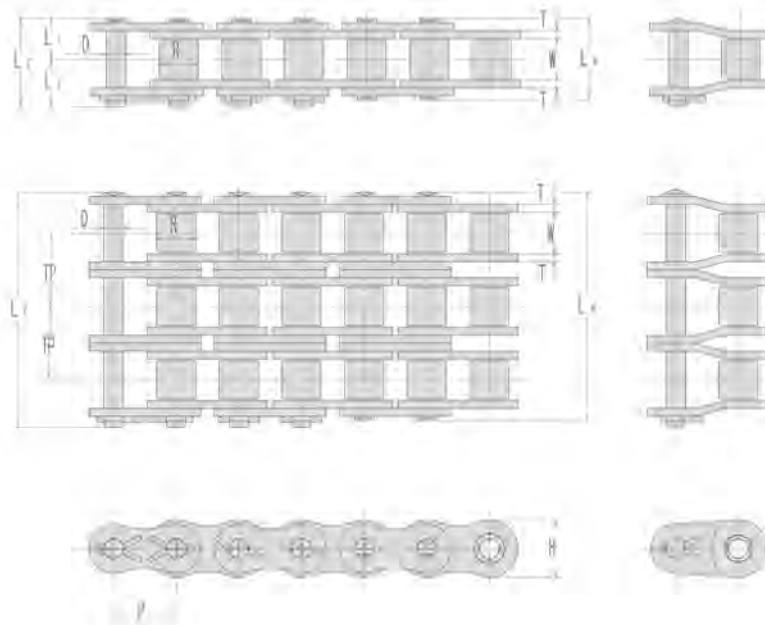


Premium
SBR®

Heavy Series Chain

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.	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			
SY 60H	19.05	12.70	11.91	5.95	28.8	30.8	14.4	16.4	17.5	3.2	54.9	10.7	1.80	C
SY 80H	25.40	15.88	15.88	7.93	35.7	38.7	17.9	20.8	23.4	4.0	90.2	18.4	2.81	
SY100H	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	
SY120H	38.10	25.40	22.23	11.10	52.8	57.2	26.4	30.8	35.1	5.6	186	38.0	5.83	
SY140H	44.45	25.40	25.40	12.70	57.2	61.8	28.6	33.2	40.9	6.4	241	50.3	8.41	
SY160H	50.80	31.75	28.58	14.28	67.9	73.0	34.0	39.0	46.7	7.2	306	66.3	10.86	
SY180H	57.15	35.70	35.70	17.45	75.6	81.5	37.8	43.7	52.5	8.0	373	70.6	15.18	
SY200H	63.50	38.10	39.67	19.83	84.8	93.4	42.4	51.0	59.8	9.5	520	82.3	17.85	S
SY240H	76.20	47.63	47.63	23.78	109.8	118.2	54.9	63.3	70.3	12.7	726	112.8	32.29	

※Refer to page 80. "Selection of offset link"