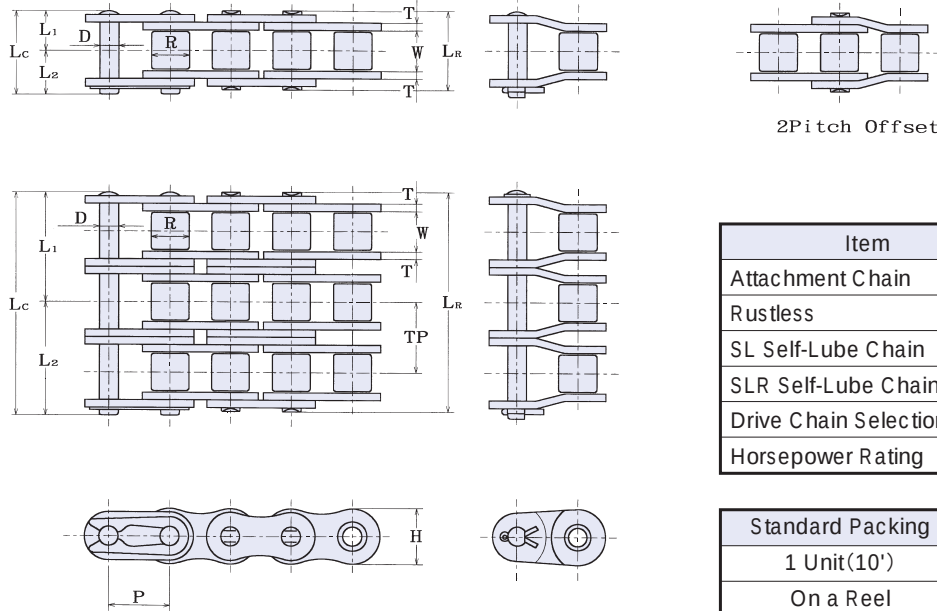


ANSI Standard Roller Chains

SY's precision power transmission roller chains meet or exceed ANSI standard B29.1. Supplied in single and multiple strands of ANSI sizes from 3/8" to 3" pitch.



Item	See Page		
Attachment Chain	66	67	
Rustless	36	40	43
SL Self-Lube Chain	49		
SLR Self-Lube Chain	52	53	
Drive Chain Selection	76	77	
Horsepower Rating	82		

Standard Packing	SY35	SY40
1 Unit(10')	320P	240P
On a Reel	250'	200'

35 (BUSHED CHAIN)

SY Chain No. (ANSI)	Dimensions - mm											Average Ultimate Strength	Maximum Allowable Load※	Average Chain Weight
	Pitch	Bushing		Pin				Plate		Trans. Pitch				
		Width	Dia.	Dia.	Length				Height		Thick.			
					P	W	R	D						
SY 35	9.525	4.78	5.08	3.58	12.0	12.9	6.0	6.9	9.0	1.25	—	10.8	2.48	0.34
SY 35-2					22.1	23.0	11.1	11.9			10.1	21.6	3.67	0.63
SY 35-3					32.2	33.1	16.1	17.0				32.4	5.40	0.92
SY 35-4					42.3	43.2	21.2	22.0				43.2	7.13	1.22
SY 35-5					52.4	53.2	26.2	27.0				54.0	8.42	1.56
SY 35-6					62.5	63.5	31.3	32.2				64.8	9.94	1.89

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SY Chain No. (ANSI)	Dimensions - mm											Average Ultimate Strength	Maximum Allowable Load※	Average Chain Weight
	Pitch	Roller		Pin				Plate		Trans. Pitch				
		Width	Dia.	Dia.	Length			Height	Thick.					
					P	W	R				D			
SY 40	12.70	7.95	7.92	3.96	16.5	17.9	8.3	9.6	11.7	1.5	—	19.1	4.17	0.60
SY 40-2					30.8	32.2	15.4	16.8			14.4	38.2	6.17	1.22
SY 40-3					45.0	46.6	22.5	24.1				57.3	9.08	1.85
SY 40-4					60.0	60.8	30.0	30.8				76.4	12.0	2.46
SY 40-5					74.6	75.6	37.3	38.3				95.5	14.2	3.14
SY 40-6					89.0	89.9	44.5	45.4				115.0	16.7	3.31

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