



BOOK 1: ROLLER CHAIN AND SPROCKETS

80

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						
80*	25.4	15.88	15.88	7.93	32.8	35.5	16.4	19.1	23.4	3.2	29.3	78.5	19.1	2.52
80-2					61.6	64.5	30.8	33.7				157	25	5.1
80-3					90.9	94.1	45.5	48.6				236	36.8	7.68
80-4					120.4	123.5	60.2	63.3				314	48.5	10.25
80-5					149.8	152.8	74.9	77.9				393	57.3	12.84
80-6					179.1	182.1	89.6	92.5				471	67.6	15.42
80-8					237.6	240.6	118.8	121.8				628	91.1	20.58
80-10					296.2	299.2	148.1	151.1				785	110	25.81

* Also stocked in 100ft and 50ft reels

100

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						
100	31.75	19.05	19.05	9.53	39.4	43.0	19.7	23.3	29.3	4	35.8	118	29.4	3.91
100-2				75.1	78.8	37.6	41.2	236				29.4	7.74	
100-3				110.9	114.6	55.5	59.1	354				56.5	11.58	
100-4				147.4	150.8	73.7	77.1	472				74.6	15.4	
100-5				183	186.6	91.5	95.1	590				88.1	19.26	
100-6				218.8	222.4	109.4	113	708				104	23.1	
100-8				290.4	294.1	145.2	148.9	944				140	30.81	
100-10				362	365.7	181	184.7	1180				170	38.54	

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