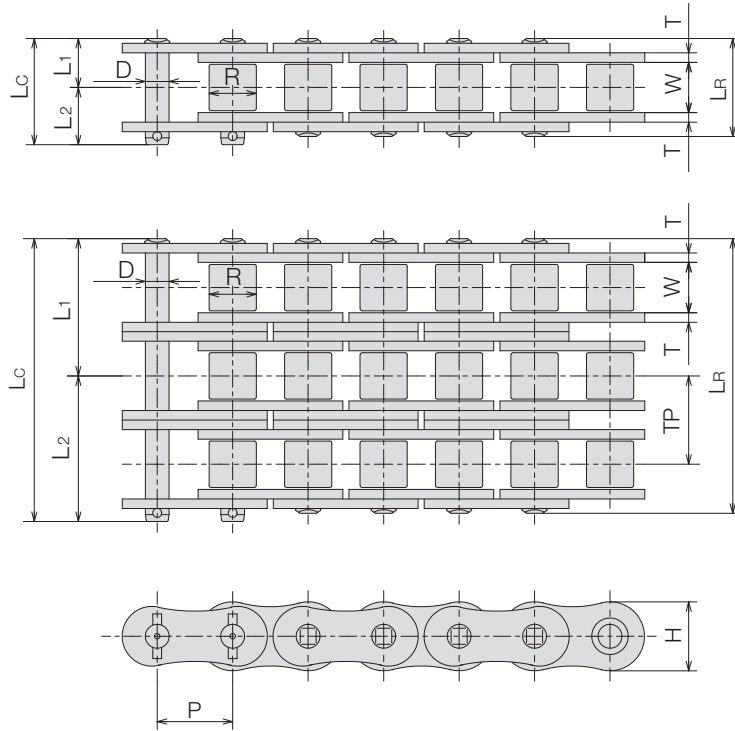


Super H Roller Chain

ANSI | Single Pitch | Heavy Duty | SUP H

“SUP H” type roller chains have the same link plates thickness as the next larger chain size. Enhanced plate configuration and ball milling plate holes ensure greater tensile strength and resistance to fatigue failure. High-grade alloy steel and four point riveting provide higher shock load capacities.



BS Single Pitch

ANSI Single Pitch

ANSI Double Pitch

ENGL. 81X

Technical Information

SY Chain No.	Pitch P	Dimension - mm										Average Tensile Strength κN	Maximum Allowable Load κN	Average Chain Weight kg/m
		Roller		Dia. D	Pin				Plate		Trans. Pitch TP			
		Width W	Dia. R		LR	Lc	L1	L2	Height H	Thickness T				
SY 80-1 SUP H					36.4	38.9	18.0	20.9			-	98.10	20.60	3.33
SY 80-2 SUP H	25.40	15.88	15.88	7.93	68.6	71.6	34.3	37.3	24.1	4.0	32.6	196.20	35.02	6.67
SY 80-3 SUP H					101.2	104.2	50.6	53.6				294.30	51.50	9.96
SY 100-1 SUP H					42.6	46.2	21.3	24.9			-	145.00	32.40	4.88
SY 100-2 SUP H	31.75	19.05	19.05	9.53	81.6	85.4	40.8	44.6	30.1	4.8	39.1	290.00	55.08	9.6
SY 100-3 SUP H					120.7	124.5	60.4	64.1				435.00	81.00	14.4
SY 120-1 SUP H					52.8	57.3	26.4	30.9			-	196.00	42.20	6.94
SY 120-2 SUP H	38.10	25.40	22.23	11.10	102.0	106.4	51.0	55.4	36.2	5.6	48.9	392.00	71.74	13.71
SY 120-3 SUP H					150.9	155.4	75.5	79.9				588.00	105.50	20.55
SY 140-1 SUP H					57.2	61.9	28.6	33.3			-	255.00	56.90	8.87
SY 140-2 SUP H	44.45	25.40	25.40	12.70	109.6	114.2	54.8	59.4	42.2	6.4	52.2	510.00	96.73	17.56
SY 140-3 SUP H					161.8	166.5	80.9	85.6				765.00	142.25	26.3
SY 160-1 SUP H					67.9	72.8	34.0	38.8			-	324.00	73.50	11.7
SY 160-2 SUP H	50.80	31.75	28.58	14.28	130.0	134.8	65.0	69.8	48.2	7.2	61.9	648.00	124.95	23.15
SY 160-3 SUP H					192.0	196.8	96.0	100.8				972.00	183.75	34.67

Connecting links for SUP H type are “semi press-fit” style. SUP H type multiple strand chains are standardly designed for semi press-fit center plate construction. BCL connecting links are standardly equipped for SUP H type multiple strand chains. Offset links are not available. SUP H type chains are also available in the cottered type design. Contact SUGIYAMA for further information. SUP H type chains are designed to be used with standard sprockets. SUP H type multiple strand chains are not designed to be used with standard sprockets.