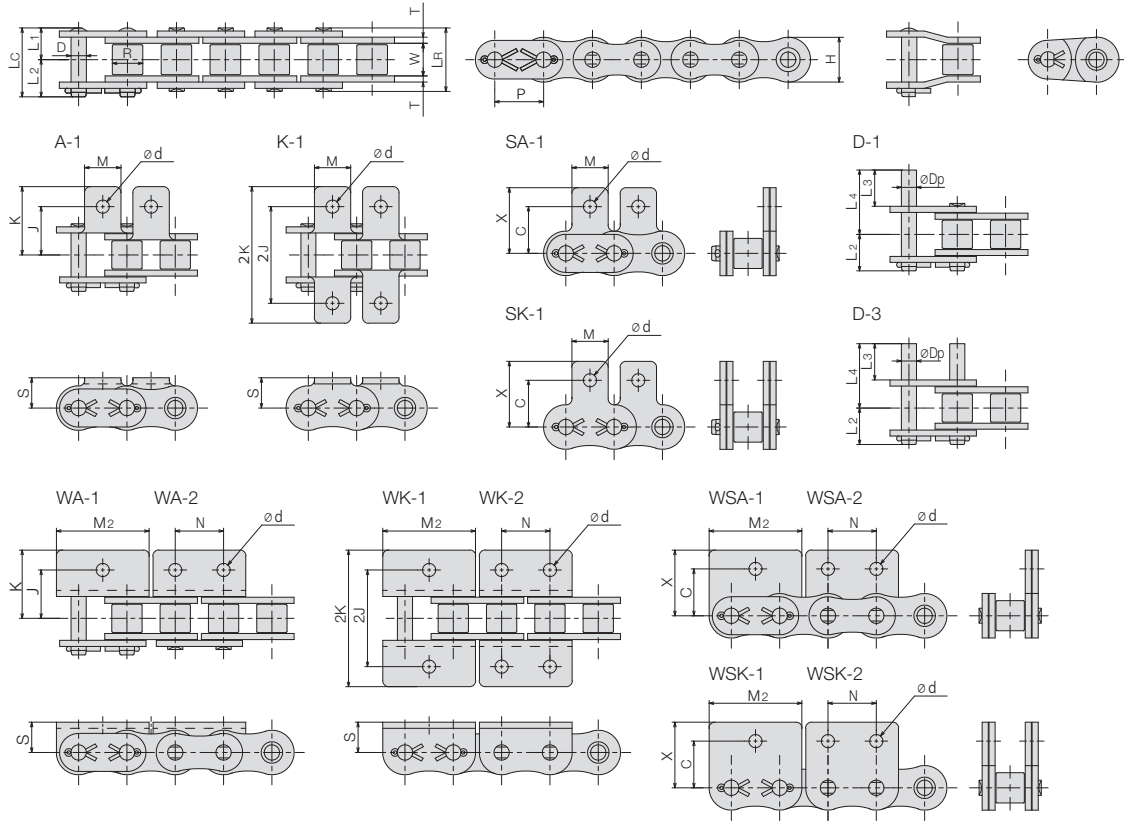


Attachment Roller Chain

ANSI | Single Pitch | Attachment | ATT



BS Single Pitch

ANSI Single Pitch

ANSI Double Pitch

ENGL. 81X

Technical Information

SY Chain No.	Pitch P	Dimension - mm												Trans. Pitch TP	Average Tensile Strength kN	Average Chain Weight kg/m
		Roller		Pin						Plate						
		Width W	Dia. R	Dia. D	Length						Height H	Thickness T				
					L _R	L _C	L ₁	L ₂	L ₃	L ₄						
SY 35	9.525	4.78	5.08	3.58	12.0	12.9	6.0	6.9	9.5	14.7	9.0	1.25	10.1	10.80	0.34	
SY 40	12.70	7.95	7.92	3.96	16.6	17.7	8.3	9.4	9.5	16.8	11.7	1.5	14.4	19.10	0.60	
SY 50	15.875	9.53	10.16	5.08	20.5	22.0	10.2	11.8	11.9	21.0	14.6	2.0	18.1	31.90	0.98	
SY 60	19.05	12.70	11.91	5.95	25.7	26.9	12.8	14.1	14.3	25.9	17.5	2.4	22.8	43.10	1.46	
SY 80	25.40	15.88	15.88	7.93	33.0	35.5	16.4	19.1	19.1	33.9	23.4	3.2	29.3	78.50	2.52	
SY 100	31.75	19.05	19.05	9.53	39.6	43.0	19.7	23.3	23.8	41.9	29.3	4.0	35.8	118.00	3.91	
SY 120	38.10	25.40	22.23	11.10	49.7	53.4	24.8	28.6	28.6	51.4	35.1	4.8	45.4	167.00	5.76	
SY 140	44.45	25.40	25.40	12.70	54.0	58.3	27.0	31.3	33.3	57.5	40.9	5.6	48.9	216.00	7.41	
SY 160	50.80	31.75	28.58	14.28	64.3	68.7	32.2	36.5	38.1	67.4	46.7	6.4	58.5	275.00	9.79	

SY Chain No.	Common Dimensions					Original Dimensions										Additional Weight						
	M	M ₂	N	d	S	A		WA		K		WK		SA, SK		WSA, WSK		A SA	K SK	WA WSA	WK WSK	D-1
						J	K	J	K	2J	2K	2J	2K	C	X	C	X					
SY 35	7.9	-	-	3.4	6.4	9.5	14.3	-	-	19.1	28.6	-	-	9.5	14.5	-	-	0.9	1.8	-	-	0.8
SY 40	9.5	24.3	12.7	3.6	8.0	12.7	17.3	12.7	17.7	25.4	34.6	25.4	35.4	12.7	18.5	12.7	17.3	1.2	2.4	3.6	7.2	1
SY 50	12.7	30.4	15.9	5.2	10.3	15.9	23.3	15.9	23.3	31.8	46.6	31.8	46.6	15.9	23.0	15.9	23.1	4	8	7.8	15.6	2
SY 60	15.9	36.5	19.1	5.2	11.9	19.1	28.1	19.1	28.1	38.1	56.2	38.1	56.2	18.3	26.7	18.3	26.7	6.5	13	14.5	29	3
SY 80	19.1	48.6	25.4	6.8	15.9	25.4	35.9	25.4	35.9	50.8	71.8	50.8	71.8	24.6	34.5	24.6	34.5	13	26	34	68	7
SY 100	25.4	57.0	31.8	8.8	19.8	31.8	44.3	31.8	44.3	63.6	88.6	63.6	88.6	31.8	43.2	31.8	43.6	27	54	58.5	117	12
SY 120	28.3	-	-	10.5	23.0	38.1	54.7	-	-	76.2	109.4	-	-	36.6	51.4	-	-	47	94	-	-	20
SY 140	34.7	-	-	12.0	28.6	44.5	63.2	-	-	89.0	126.4	-	-	44.4	63.1	-	-	65	130	-	-	30
SY 160	38.1	-	-	14.0	31.8	50.8	71.9	-	-	101.6	143.8	-	-	50.8	69.5	-	-	88	176	-	-	45

Connecting links are "clip" style for all sizes 35 ATT to 80 ATT. Connecting links are "cotter" style for all sizes above 100 ATT.