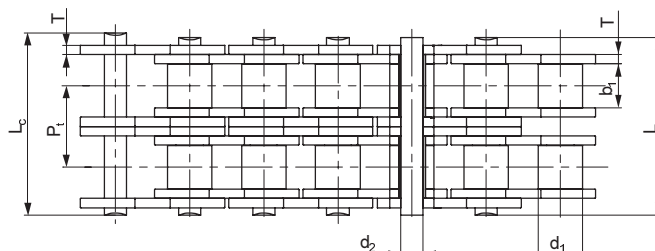
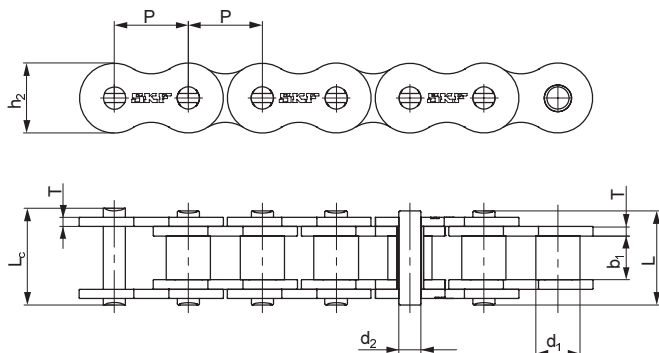




Roller chains

ANSI



ANSI Chain No.	BS/ISO Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Pin length cotted	Inner plate height	Plate thickness	Transverse pitch	Ultimate tensile strength	Average tensile strength	Weight per meter	Designation
		P	d ₁ max	b ₁ max	d ₂ max	L max	L _c max	L _c max	h ₂ max	T max	Pt	Q min	Q ₀	q	
		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN	kN	kg/m	
15-1*	03C*	4,76	2,48	2,38	1,62	6,10	6,90	—	4,30	0,60	—	1,8	2,0	0,08	PHC 15-1...
25-1*	04C-1*	6,35	3,30	3,18	2,31	7,90	8,40	—	6,00	0,80	—	3,5	4,6	0,15	PHC 25-1...
35-1*	06C-1*	9,53	5,08	4,77	3,58	12,40	13,17	—	9,00	1,30	—	7,9	10,8	0,33	PHC 35-1...
41-1	085-1	12,70	7,77	6,25	3,58	13,75	15,00	—	9,91	1,30	—	6,7	12,6	0,41	PHC 41-1...
40-1	08A-1	12,70	7,95	7,85	3,96	16,60	17,80	—	12,00	1,50	—	14,1	17,5	0,62	PHC 40-1...
50-1	10A-1	15,88	10,16	9,40	5,08	20,70	22,20	23,3	15,09	2,03	—	22,2	29,4	1,02	PHC 50-1...
60-1	12A-1	19,05	11,91	12,57	5,94	25,90	27,70	28,3	18,00	2,42	—	31,8	41,5	1,50	PHC 60-1...
80-1	16A-1	25,40	15,88	15,75	7,92	32,70	35,00	36,5	24,00	3,25	—	56,7	69,4	2,60	PHC 80-1...
100-1	20A-1	31,75	19,05	18,90	9,53	40,40	44,70	44,7	30,00	4,00	—	88,5	109,2	3,91	PHC 100-1...
120-1	24A-1	38,10	22,23	25,22	11,10	50,30	54,30	54,3	35,70	4,80	—	127,0	156,3	5,62	PHC 120-1...
140-1	28A-1	44,45	25,40	25,22	12,70	54,40	59,00	59,0	41,00	5,60	—	172,4	212,0	7,50	PHC 140-1...
160-1	32A-1	50,80	28,58	31,55	14,27	64,80	69,60	69,6	47,80	6,40	—	226,8	278,9	10,10	PHC 160-1...
180-1	36A-1	57,15	35,71	35,48	17,46	72,80	78,60	78,6	53,60	7,20	—	280,2	341,8	13,45	PHC 180-1...
200-1	40A-1	63,50	39,68	37,85	19,85	80,30	87,20	87,2	60,00	8,00	—	353,8	431,6	16,15	PHC 200-1...
240-1	48A-1	76,20	47,63	47,35	23,81	95,50	103,00	103,0	72,39	9,50	—	510,3	622,5	23,20	PHC 240-1...
25-2*	04C-2*	6,35	3,30	3,18	2,31	14,50	15,00	—	6,00	0,80	6,40	7,0	8,6	0,28	PHC 25-2...
35-2*	06C-2*	9,53	5,08	4,77	3,58	22,50	23,30	—	9,00	1,30	10,13	15,8	19,7	0,63	PHC 35-2...
41-2	085-2	12,70	7,77	6,25	3,58	25,70	26,90	—	9,91	1,30	11,95	13,3	16,9	0,81	PHC 41-2...
40-2	08A-2	12,70	7,95	7,85	3,96	31,00	32,20	—	12,00	1,50	14,38	28,2	35,9	1,12	PHC 40-2...
50-2	10A-2	15,88	10,16	9,40	5,08	38,90	40,40	41,2	15,09	2,03	18,11	44,4	58,1	2,00	PHC 50-2...
60-2	12A-2	19,05	11,91	12,57	5,94	48,80	50,50	51,1	18,00	2,42	22,78	63,6	82,1	2,92	PHC 60-2...
80-2	16A-2	25,40	15,88	15,75	7,92	62,70	64,30	65,8	24,00	3,25	29,29	113,4	141,8	5,15	PHC 80-2...
100-2	20A-2	31,75	19,05	18,90	9,53	76,40	80,50	80,5	30,00	4,00	35,76	177,0	219,4	7,80	PHC 100-2...
120-2	24A-2	38,10	22,23	25,22	11,10	95,80	99,70	99,7	35,70	4,80	45,44	254,0	314,9	11,70	PHC 120-2...
140-2	28A-2	44,45	25,40	25,22	12,70	103,30	107,90	107,9	41,00	5,60	48,87	344,8	427,5	15,14	PHC 140-2...
160-2	32A-2	50,80	28,58	31,55	14,27	123,30	128,10	128,1	47,80	6,40	58,55	453,6	562,4	20,14	PHC 160-2...
180-2	36A-2	57,15	35,71	35,48	17,46	138,60	144,40	144,4	53,60	7,20	65,84	560,5	695,0	29,22	PHC 180-2...
200-2	40A-2	63,50	39,68	37,85	19,85	151,90	158,80	158,8	60,00	8,00	71,55	707,6	877,4	32,24	PHC 200-2...
240-2	48A-2	76,20	47,63	47,35	23,81	183,40	190,80	190,8	72,39	9,50	87,83	1020,6	1255,3	45,23	PHC 240-2...
25-3*	04C-3*	6,35	3,30	3,18	2,31	21,00	21,50	—	6,00	0,80	6,40	10,5	12,6	0,44	PHC 25-3...
35-3*	06C-3*	9,53	5,08	4,77	3,58	32,70	33,50	—	9,00	1,30	10,13	23,7	28,6	1,05	PHC 35-3...
40-3	08A-3	12,70	7,95	7,85	3,96	45,40	46,60	—	12,00	1,50	14,38	42,3	50,0	1,90	PHC 40-3...
50-3	10A-3	15,88	10,16	9,40	5,08	57,00	58,50	59,3	15,09	2,03	18,11	66,6	77,8	3,09	PHC 50-3...
60-3	12A-3	19,05	11,91	12,57	5,94	71,50	73,30	73,9	18,00	2,42	22,78	95,4	111,1	4,54	PHC 60-3...
80-3	16A-3	25,40	15,88	15,75	7,92	91,70	93,60	95,1	24,00	3,25	29,29	170,1	198,4	7,89	PHC 80-3...
100-3	20A-3	31,75	19,05	18,90	9,53	112,20	116,30	116,3	30,00	4,00	35,76	265,5	309,6	11,77	PHC 100-3...
120-3	24A-3	38,10	22,23	25,22	11,10	141,40	145,20	145,2	35,70	4,80	45,44	381,0	437,2	17,53	PHC 120-3...
140-3	28A-3	44,45	25,40	25,22	12,70	152,20	156,80	156,8	41,00	5,60	48,87	517,2	593,3	22,20	PHC 140-3...
160-3	32A-3	50,80	28,58	31,55	14,27	181,80	186,60	186,6	47,80	6,40	58,55	680,4	780,6	30,02	PHC 160-3...
180-3	36A-3	57,15	35,71	35,48	17,46	204,40	210,20	210,2	53,60	7,20	65,84	840,7	983,6	38,22	PHC 180-3...
200-3	40A-3	63,50	39,68	37,85	19,85	223,50	230,40	230,4	60,00	8,00	71,55	1061,4	1217,8	49,03	PHC 200-3...
240-3	48A-3	76,20	47,63	47,35	23,81	271,30	278,60	278,6	72,39	9,50	87,83	1530,9	1756,5	71,60	PHC 240-3...

* Bushing chain: d₁ indicates external diameter of bushing

For cotted add a "C" after the number of strands. For example 140-1 with a cotted pin is designated PHC 140-1C...

Standard lengths are 10 ft and 5 m. To complete designation add chain length. For example, a 10 ft box of 140-1 is PHC 140-1X10FT

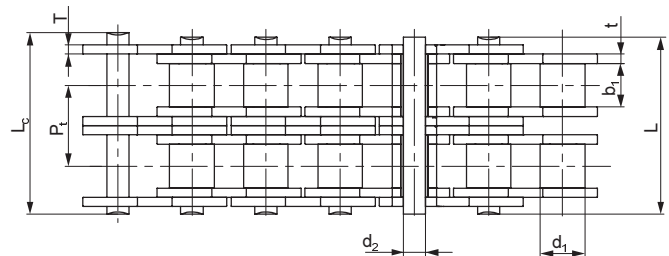
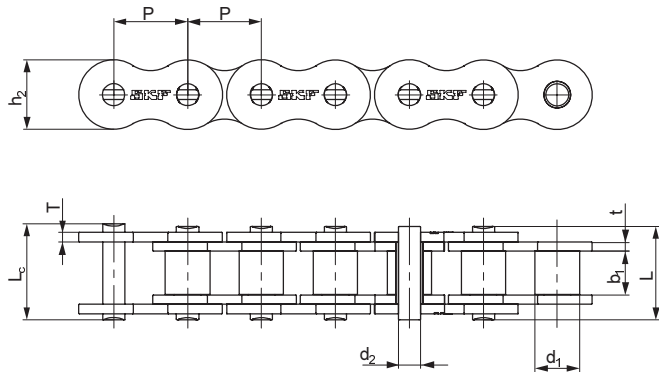
For links add "C/L" for "connecting" and "O/L" for "offset" to the designation in the table



Roller chains

BS/ISO

- ▶ Belts
- ▶ Chains
- ▶ Couplings
- ▶ Bushings and Hubs
- ▶ Sprockets
- ▶ Pulleys
- ▶ Smart tools



BS/ISO Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate height	Plate thickness		Transverse pitch	Ultimate tensile strength	Average tensile strength	Weight per meter	Designation
	P	d ₂ max	b ₁ max	d ₂ max	L max	L _c max	h ₂ max	t max	T max	Pt	Q min	Q ₀	q	
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN	kN	kg/m	
04B-1	6,00	4,00	2,80	1,85	6,80	7,8	5,00	0,60	0,60	–	3,0	3,2	0,11	PHC 04B-1...
05B-1	8,00	5,00	3,00	2,31	8,20	8,9	7,10	0,80	0,80	–	5,0	5,9	0,20	PHC 05B-1...
06B-1^	9,53	6,35	5,72	3,28	13,15	14,1	8,20	1,30	1,30	–	9,0	10,4	0,41	PHC 06B-1...
08B-1	12,70	8,51	7,75	4,45	16,70	18,2	11,80	1,60	1,60	–	18,0	19,4	0,69	PHC 08B-1...
10B-1	15,88	10,16	9,65	5,08	19,50	20,9	14,70	1,70	1,70	–	22,4	27,5	0,93	PHC 10B-1...
12B-1	19,05	12,07	11,68	5,72	22,50	24,2	16,00	1,85	1,85	–	29,0	32,2	1,15	PHC 12B-1...
16B-1	25,40	15,88	17,02	8,28	36,10	37,4	21,00	4,15	3,10	–	60,0	72,8	2,71	PHC 16B-1...
20B-1	31,75	19,05	19,56	10,19	41,30	45,0	26,40	4,50	3,50	–	95,0	106,7	3,70	PHC 20B-1...
24B-1	38,10	25,40	25,40	14,63	53,40	57,8	33,20	6,00	4,80	–	160,0	178,0	7,10	PHC 24B-1...
28B-1	44,45	27,94	30,99	15,90	65,10	69,5	36,70	7,50	6,00	–	200,0	222,0	8,50	PHC 28B-1...
32B-1	50,80	29,21	30,99	17,81	66,00	71,0	42,00	7,00	6,00	–	250,0	277,5	10,25	PHC 32B-1...
40B-1	63,50	39,37	38,10	22,89	82,20	89,2	52,96	8,50	8,00	–	355,0	394,0	16,35	PHC 40B-1...
48B-1	76,20	48,26	45,72	29,24	99,10	107,0	63,80	12,00	10,00	–	560,0	621,6	25,00	PHC 48B-1...
56B-1	88,90	53,98	53,34	34,32	114,60	123,0	77,80	13,50	12,00	–	850,0	940,0	35,78	PHC 56B-1...
64B-1	101,60	63,50	60,96	39,40	130,00	138,5	90,17	15,00	13,00	–	1120,0	1240,0	46,00	PHC 64B-1...
72B-1	114,30	72,39	68,58	44,48	147,40	156,4	103,60	17,00	15,00	–	1400,0	1550,0	60,80	PHC 72B-1...
05B-2	8,00	5,00	3,00	2,31	13,90	14,5	7,10	0,80	0,80	5,64	7,8	10,2	0,33	PHC 05B-2...
06B-2^	9,53	6,35	5,72	3,28	23,40	24,4	8,20	1,30	1,30	10,24	16,9	18,7	0,77	PHC 06B-2...
08B-2	12,70	8,51	7,75	4,45	31,20	32,2	11,80	1,60	1,60	13,92	32,0	38,7	1,34	PHC 08B-2...
10B-2	15,88	10,16	9,65	5,08	36,10	37,5	14,70	1,70	1,70	16,59	44,5	56,2	1,84	PHC 10B-2...
12B-2	19,05	12,07	11,68	5,72	42,00	43,6	16,00	1,85	1,85	19,46	57,8	66,1	2,31	PHC 12B-2...
16B-2	25,40	15,88	17,02	8,28	68,00	69,3	21,00	4,15	3,10	31,88	106,0	133,0	5,42	PHC 16B-2...
20B-2	31,75	19,05	19,56	10,19	77,80	81,5	26,40	4,50	3,50	36,45	170,0	211,2	7,20	PHC 20B-2...
24B-2	38,10	25,40	25,40	14,63	101,70	106,2	33,20	6,00	4,80	48,36	280,0	319,2	13,40	PHC 24B-2...
28B-2	44,45	27,94	30,99	15,90	124,60	129,1	36,70	7,50	6,00	59,56	360,0	406,8	16,60	PHC 28B-2...
32B-2	50,80	29,21	30,99	17,81	124,60	129,6	42,00	7,00	6,00	58,55	450,0	508,5	21,00	PHC 32B-2...
40B-2	63,50	39,37	38,10	22,89	154,50	161,5	52,96	8,50	8,00	72,29	630,0	711,9	32,00	PHC 40B-2...
48B-2	76,20	48,26	45,72	29,24	190,40	198,2	63,80	12,00	10,00	91,21	1000,0	1130,0	50,00	PHC 48B-2...
56B-2	88,90	53,98	53,34	34,32	221,20	229,6	77,80	13,50	12,00	106,60	1600,0	1760,0	71,48	PHC 56B-2...
64B-2	101,60	63,50	60,96	39,40	249,90	258,4	90,17	15,00	13,00	119,89	2000,0	2200,0	91,00	PHC 64B-2...
72B-2	114,30	72,39	68,58	44,48	283,70	292,7	103,60	17,00	15,00	136,27	2500,0	2750,0	120,40	PHC 72B-2...
05B-3	8,00	5,00	3,00	2,31	19,50	20,2	7,10	0,80	0,80	5,64	11,1	13,8	0,48	PHC 05B-3...
06B-3^	9,53	6,35	5,72	3,28	33,50	34,6	8,20	1,30	1,30	10,24	24,9	30,1	1,16	PHC 06B-3...
08B-3	12,70	8,51	7,75	4,45	45,10	46,1	11,80	1,60	1,60	13,92	47,5	57,8	2,03	PHC 08B-3...
10B-3	15,88	10,16	9,65	5,08	52,70	54,1	14,70	1,70	1,70	16,59	66,7	84,5	2,77	PHC 10B-3...
12B-3	19,05	12,07	11,68	5,72	61,50	63,1	16,00	1,85	1,85	19,46	86,7	101,8	3,46	PHC 12B-3...
16B-3	25,40	15,88	17,02	8,28	99,80	101,2	21,00	4,15	3,10	31,88	160,0	203,7	8,13	PHC 16B-3...
20B-3	31,75	19,05	19,56	10,19	114,20	117,9	26,40	4,50	3,50	36,45	250,0	290,0	10,82	PHC 20B-3...
24B-3	38,10	25,40	25,40	14,63	150,10	154,6	33,20	6,00	4,80	48,36	425,0	493,0	20,10	PHC 24B-3...
28B-3	44,45	27,94	30,99	15,90	184,20	188,7	36,70	7,50	6,00	59,56	530,0	609,5	24,92	PHC 28B-3...
32B-3	50,80	29,21	30,99	17,81	183,20	188,2	42,00	7,00	6,00	58,55	670,0	770,5	31,56	PHC 32B-3...
40B-3	63,50	39,37	38,10	22,89	226,80	233,8	52,96	8,50	8,00	72,29	950,0	1092,5	48,10	PHC 40B-3...
48B-3	76,20	48,26	45,72	29,24	281,60	289,4	63,80	12,00	10,00	91,21	1500,0	1710,0	75,00	PHC 48B-3...
56B-3	88,90	53,98	53,34	34,32	327,80	336,2	77,80	13,50	12,00	106,60	2240,0	2240,0	107,18	PHC 56B-3...
64B-3	101,60	63,50	60,96	39,40	369,80	378,3	90,17	15,00	13,00	119,89	3000,0	3300,0	136,00	PHC 64B-3...
72B-3	114,30	72,39	68,58	44,48	420,00	429,0	103,60	17,00	15,00	136,27	3750,0	4125,0	180,00	PHC 72B-3...

^ Straight side plates

Standard lengths are 10 ft and 5 m. To complete designation add chain length. For example, a 5 m box of 08B-1 is PHC 08B-1X5MTR

For links add "C/L" for "connecting" and "O/L" for "offset" to the designation in the table



Roller chains

Attachments

A-1, K-1



ANSI Chain No.	BS/ISO Chain No.	P mm	G mm	F mm	W mm	T mm	h ₄ mm	d ₄ mm	Designation
35-1	06C-1	9,53	7,9	19,00	28,6	1,30	6,35	3,4	PHC 35-1...
40-1	08A-1	12,70	9,5	25,40	35,2	1,50	7,90	3,4	PHC 40-1...
41-1	085-1	12,70	9,5	24,00	33,4	1,30	6,90	3,6	PHC 41-1...
50-1	10A-1	15,88	12,7	31,75	46,2	2,03	10,30	5,5	PHC 50-1...
60-1	12A-1	19,05	15,9	38,10	55,6	2,42	11,90	5,5	PHC 60-1...
80-1	16A-1	25,40	19,1	50,80	64,8	3,25	15,90	6,8	PHC 80-1...
100-1	20A-1	31,75	25,4	63,50	87,3	4,00	19,80	9,2	PHC 100-1...
120-1	24A-1	38,10	28,6	76,20	108,5	4,80	23,00	9,8	PHC 120-1...
140-1	28A-1	44,45	34,9	88,90	123,0	5,60	28,60	11,4	PHC 140-1...
160-1	32A-1	50,80	38,1	101,60	142,8	6,40	31,75	13,1	PHC 160-1...
200-1	40A-1	63,50	50,8	127,00	179,0	8,00	42,88	16,3	PHC 200-1...
-	06B-1 [^]	9,53	8,0	19,04	27,0	1,30	6,50	3,5	PHC 06B-1...
-	08B-1	12,70	9,5	25,40	36,4	1,60	8,90	4,5	PHC 08B-1...
-	10B-1	15,88	14,3	31,75	44,6	1,70	10,31	5,3	PHC 10B-1...
-	12B-1	19,05	16,0	38,10	52,4	1,85	13,46	6,4	PHC 12B-1...
-	16B-1	25,40	19,1	50,80	72,6	3,10	15,88	6,4	PHC 16B-1...
-	20B-1	31,75	25,0	63,50	100,5	3,50	19,80	9,0	PHC 20B-1...
-	24B-1	38,10	30,0	76,20	108,4	4,80	26,67	10,5	PHC 24B-1...
-	28B-1	44,45	35,0	88,90	123,0	6,00	28,58	13,1	PHC 28B-1...
-	32B-1	50,80	38,1	101,60	142,8	6,00	31,75	13,1	PHC 32B-1...

[^] Straight side plates

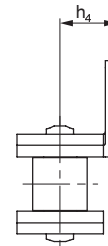
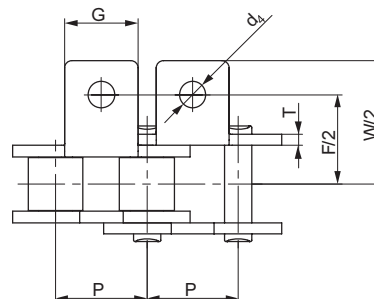
To complete designation add attachment spacing and type followed by chain length.

For example : PHC 40-1-L2A1X10FT (ANSI 40-1 with A-1 attachment on every second link, 10 ft length)

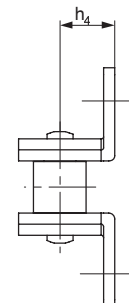
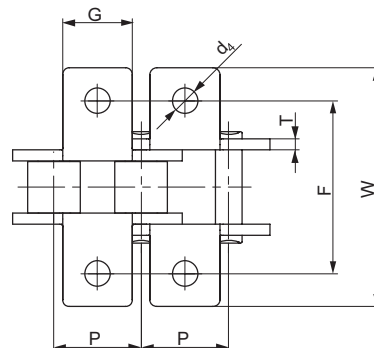
Note: Also available in stainless steel.

When ordering suffix with SS, for example: PHC 40-1SS-L1A1X10FT

A-1



K-1



Roller chains

Attachments

SA-1/M1, SK-1/M1



ANSI Chain No.	BS/ISO Chain No.	P mm	G mm	C mm	F mm	T mm	d ₄ mm	Designation
35-1	06C-1	9,53	7,9	9,50	14,55	1,30	3,4	PHC 35-1...
40-1	08A-1	12,70	9,5	12,70	19,05	1,50	3,4	PHC 40-1...
41-1	085-1	12,70	9,5	11,85	16,55	1,30	3,6	PHC 41-1...
50-1	10A-1	15,88	12,7	15,90	25,25	2,03	5,5	PHC 50-1...
60-1	12A-1	19,05	15,9	18,30	29,33	2,42	5,5	PHC 60-1...
80-1	16A-1	25,40	19,1	24,60	34,70	3,25	6,8	PHC 80-1...
100-1	20A-1	31,75	25,4	31,80	43,30	4,00	9,2	PHC 100-1...
120-1	24A-1	38,10	28,6	36,50	51,60	4,80	9,8	PHC 120-1...
140-1	28A-1	44,45	34,9	44,50	62,00	5,60	11,4	PHC 140-1...
160-1	32A-1	50,80	38,1	50,80	69,85	6,40	13,1	PHC 160-1...
200-1	40A-1	63,50	50,8	63,50	88,90	8,00	16,3	PHC 200-1...
-	06B-1 [^]	9,53	8,0	9,52	13,50	1,30	3,5	PHC 06B-1...
-	08B-1	12,70	9,5	13,35	18,90	1,60	4,3	PHC 08B-1...
-	10B-1	15,88	14,3	16,50	22,95	1,70	5,3	PHC 10B-1...
-	12B-1	19,05	16,0	21,45	28,60	1,85	6,4	PHC 12B-1...
-	16B-1	25,40	19,1	23,15	34,00	3,10	6,4	PHC 16B-1...
-	20B-1	31,75	25,0	30,50	45,70	3,50	9,0	PHC 20B-1...

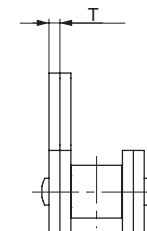
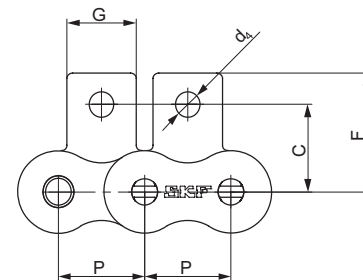
[^] Straight side plates

To complete designation add attachment spacing and type followed by chain length.

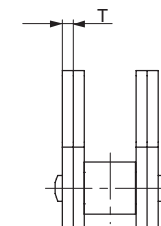
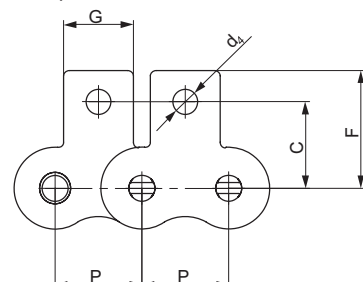
For example: PHC 80-1-L1SK1X10FT (ANSI 80-1 with SK-1 attachment on every link, 10 ft length)

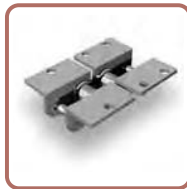
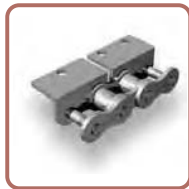
Note: Also available in stainless steel. When ordering suffix with SS, for example: PHC 80-1SS-L1SK1X10FT

SA-1/M1



SK-1/M1





Roller chains

Attachments

WA-1, WA-2, WK-1, WK-2

- ▶ Belts
- ▶ Chains
- ▶ Couplings
- ▶ Bushings and Hubs
- ▶ Sprockets
- ▶ Pulleys
- ▶ Smart tools

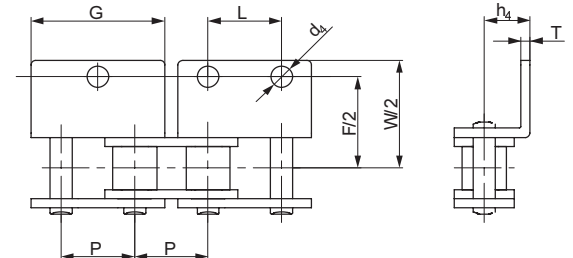
ANSI Chain No.	BS/ISO Chain No.	P mm	G mm	L mm	F mm	W mm	T mm	h ₄ mm	d ₄ mm	Designation
35-1	06C-1	9,53	17,32	9,53	19,00	28,6	1,30	6,35	2,80	PHC 35-1...
40-1	08A-1	12,70	23,00	12,70	25,40	35,6	1,50	7,90	3,40	PHC 40-1...
41-1	08S-1	12,70	22,30	12,70	24,00	35,0	1,30	7,20	4,85	PHC 41-1...
50-1	10A-1	15,88	28,80	15,88	31,75	46,8	2,03	10,30	5,50	PHC 50-1...
60-1	12A-1	19,05	34,65	19,05	38,10	56,4	2,42	11,90	5,50	PHC 60-1...
80-1	16A-1	25,40	45,90	25,40	50,80	73,2	3,25	15,90	6,80	PHC 80-1...
100-1	20A-1	31,75	57,65	31,75	63,50	89,8	4,00	19,80	9,20	PHC 100-1...
120-1	24A-1	38,10	69,30	38,10	76,20	108,8	4,80	23,00	9,80	PHC 120-1...
140-1	28A-1	44,45	80,45	44,45	88,90	123,0	5,60	28,60	11,40	PHC 140-1...
160-1	32A-1	50,80	92,00	50,80	101,60	142,8	6,40	31,75	13,10	PHC 160-1...
200-1	40A-1	63,50	115,50	63,50	127,00	179,0	8,00	42,88	16,30	PHC 200-1...
-	08B-1	12,70	24,00	12,70	25,40	36,4	1,60	8,90	4,30	PHC 08B-1...
-	10B-1	15,88	29,58	15,88	31,80	44,6	1,70	10,31	5,30	PHC 10B-1...
-	12B-1	19,05	34,05	19,05	38,10	52,0	1,85	13,46	6,40	PHC 12B-1...
-	16B-1	25,40	46,40	25,40	50,80	72,6	3,10	15,88	6,40	PHC 16B-1...
-	20B-1	31,75	58,10	31,75	63,00	100,5	3,50	19,80	9,00	PHC 20B-1...
-	24B-1	38,10	71,30	38,10	76,20	108,4	4,80	26,67	10,50	PHC 24B-1...
-	28B-1	44,45	81,10	44,45	88,90	123,0	6,00	28,58	13,10	PHC 28B-1...
-	32B-1	50,80	92,80	50,80	101,60	142,8	6,00	31,75	13,10	PHC 32B-1...

To complete designation add attachment spacing and type followed by chain length.

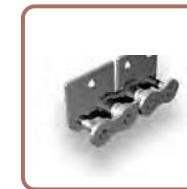
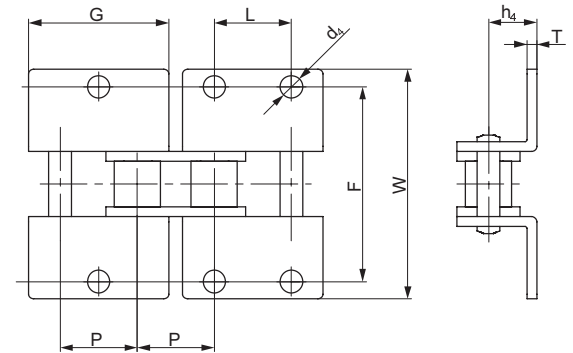
For example: PHC 80-1-L2WA2X10FT (ANSI 80-1 with WA-2 attachment on every second link, 10 ft length)

Note: Also available in stainless steel. When ordering suffix with SS, for example: PHC 80-1SS-L2WA2X10FT

WA-1,WA-2



WK-1,WK-2



Roller chains

Attachments

WSA-1, WSA-2, WSK-1, WSK-2

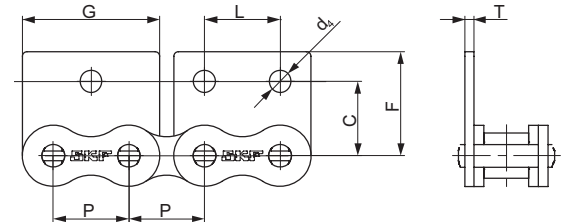
ANSI Chain No.	BS/ISO Chain No.	P mm	G mm	L mm	C mm	F mm	T mm	d ₄ mm	Designation
35-1	06C-1	9,53	17,32	9,53	9,50	14,55	1,30	3,8	PHC 35-1...
40-1	08A-1	12,70	23,00	12,70	12,70	17,40	1,50	2,4	PHC 40-1...
41-1	08S-1	12,70	21,20	12,70	11,85	16,55	1,30	3,6	PHC 41-1...
50-1	10A-1	15,88	28,80	15,88	15,90	23,05	2,03	5,5	PHC 50-1...
60-1	12A-1	19,05	34,65	19,05	18,30	26,86	2,42	5,5	PHC 60-1...
80-1	16A-1	25,40	45,90	25,40	24,60	35,45	3,25	6,8	PHC 80-1...
100-1	20A-1	31,75	57,65	31,75	31,80	44,00	4,00	9,2	PHC 100-1...
120-1	24A-1	38,10	69,30	38,10	36,50	51,60	4,80	9,8	PHC 120-1...
140-1	28A-1	44,45	80,45	44,45	44,50	62,00	5,60	11,4	PHC 140-1...
160-1	32A-1	50,80	92,00	50,80	50,80	69,85	6,40	13,1	PHC 160-1...
200-1	40A-1	63,50	115,50	63,50	63,50	88,90	8,00	16,3	PHC 200-1...
-	08B-1	12,70	23,30	12,70	13,35	18,90	1,60	4,3	PHC 08B-1...
-	10B-1	15,88	29,58	15,88	16,50	22,95	1,70	5,3	PHC 10B-1...
-	12B-1	19,05	34,05	19,05	21,45	28,60	1,85	6,4	PHC 12B-1...
-	16B-1	25,40	46,40	25,40	23,15	34,00	3,10	6,4	PHC 16B-1...
-	20B-1	31,75	58,10	31,75	30,50	45,70	3,50	9,0	PHC 20B-1...

To complete designation add attachment spacing and type followed by chain length.

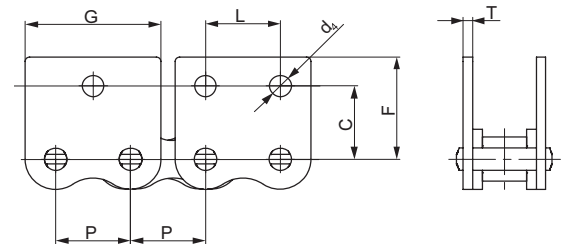
For example: PHC 80-1-L4WSA1X10FT (ANSI 80-1 with WSA-1 attachment on every fourth link, 10 ft length)

Note: Also available in stainless steel. When ordering suffix with SS, for example: PHC 80-1SS-L4WSA1X10FT

WSA-1,WSA-2



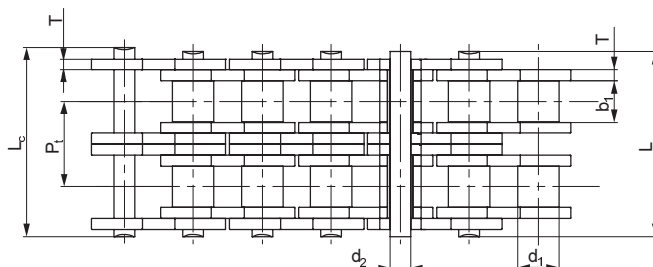
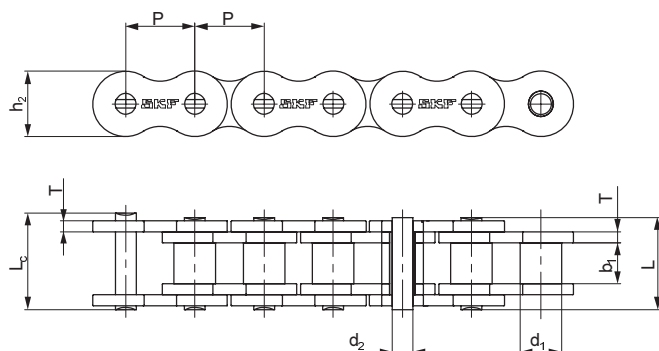
WSK-1,WSK-2





Roller chains

ANSI heavy duty



ANSI Chain No.	BS/ISO Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Pin length cottored	Inner plate height	Plate thickness	Transverse pitch	Ultimate tensile strength	Average tensile strength	Weight per meter	Designation
		P	d ₁ max	b ₁ max	d ₂ max	L max	L _c max	L _c max	h ₂ max	T max	Pt	Q min	Q ₀	q	
		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN	kN	kg/m	
35H-1*	—	9,53	5,08	4,77	3,58	13,3	14,3	—	9,00	1,50	—	7,9	10,8	0,41	PHC 35H-1...
40H-1	08AH-1	12,70	7,95	7,85	3,96	18,8	19,9	—	12,00	2,03	—	14,1	19,1	0,82	PHC 40H-1...
50H-1	10AH-1	15,88	10,16	9,40	5,08	22,1	23,4	24,4	15,09	2,42	—	22,2	30,2	1,25	PHC 50H-1...
60H-1	12AH-1	19,05	11,91	12,57	5,94	29,2	31,0	31,6	18,00	3,25	—	31,8	42,7	1,87	PHC 60H-1...
80H-1	16AH-1	25,40	15,88	15,75	7,92	36,2	37,7	39,4	24,00	4,00	—	56,7	71,4	3,10	PHC 80H-1...
100H-1	20AH-1	31,75	19,05	18,90	9,53	43,6	46,9	46,9	30,00	4,80	—	88,5	112,4	4,52	PHC 100H-1...
120H-1	24AH-1	38,10	22,23	25,22	11,10	53,5	57,5	57,5	35,70	5,60	—	127,0	160,9	6,60	PHC 120H-1...
140H-1	28AH-1	44,45	25,40	25,22	12,70	57,6	62,2	62,2	41,00	6,40	—	172,4	217,3	8,30	PHC 140H-1...
160H-1	32AH-1	50,80	28,58	31,55	14,27	68,2	73,0	73,0	47,80	7,20	—	226,8	285,8	10,30	PHC 160H-1...
180H-1	36AH-1	57,15	35,71	35,48	17,46	75,9	81,6	—	53,60	8,00	—	281,0	341,8	14,83	PHC 180H-1...
200H-1	40AH-1	63,50	39,68	37,85	19,85	86,6	93,5	93,5	60,00	9,50	—	353,8	444,5	19,16	PHC 200H-1...
240H-1	48AH-1	76,20	47,63	47,35	23,81	109,6	115,9	—	72,30	12,70	—	510,3	622,5	30,40	PHC 240H-1...
60H-2	12AH-2	19,05	11,91	12,57	5,94	55,3	57,1	57,7	18,00	3,25	26,11	63,6	84,5	3,71	PHC 60H-2...
80H-2	16AH-2	25,40	15,88	15,75	7,92	68,8	70,3	72,0	24,00	4,00	32,59	113,4	145,3	6,15	PHC 80H-2...
100H-2	20AH-2	31,75	19,05	18,90	9,53	82,7	86,0	86,0	30,00	4,80	39,09	177,0	225,9	9,03	PHC 100H-2...
120H-2	24AH-2	38,10	22,23	25,22	11,10	102,4	106,4	106,4	35,70	5,60	48,87	254,0	322,7	13,13	PHC 120H-2...
140H-2	28AH-2	44,45	25,40	25,22	12,70	109,8	114,4	114,4	41,00	6,40	52,20	344,8	437,7	16,60	PHC 140H-2...
160H-2	32AH-2	50,80	28,58	31,55	14,27	130,1	134,9	134,9	47,80	7,20	61,90	453,6	571,6	20,20	PHC 160H-2...
200H-2	40AH-2	63,50	39,68	37,85	19,85	164,9	171,8	171,8	60,00	9,50	78,31	707,6	894,9	38,11	PHC 200H-2...
60H-3	12AH-3	19,05	11,91	12,57	5,94	81,4	83,2	83,8	18,00	3,25	26,11	95,4	113,9	5,54	PHC 60H-3...
80H-3	16AH-3	25,40	15,88	15,75	7,92	101,4	102,9	104,6	24,00	4,00	32,59	170,1	203,5	9,42	PHC 80H-3...
100H-3	20AH-3	31,75	19,05	18,90	9,53	121,8	125,1	125,1	30,00	4,80	39,09	265,5	314,8	12,96	PHC 100H-3...
120H-3	24AH-3	38,10	22,23	25,22	11,10	151,2	155,2	155,2	35,70	5,60	48,87	381,0	444,7	19,64	PHC 120H-3...
140H-3	28AH-3	44,45	25,40	25,22	12,70	162,0	166,6	166,6	41,00	6,40	52,20	517,2	598,4	24,90	PHC 140H-3...
160H-3	32AH-3	50,80	28,58	31,55	14,27	192,0	196,8	196,8	47,80	7,20	61,90	680,4	787,3	30,10	PHC 160H-3...
200H-3	40AH-3	63,50	39,68	37,85	19,85	243,2	250,1	250,1	60,00	9,50	78,31	1061,4	1228,2	57,06	PHC 200H-3...

* Bushing chain: d₁ indicates external diameter of bushing

For cottored add a "C" after the number of strands. For example 160H-1 with a cottored pin is designated PHC 160H-1C...

Standard lengths are 10 ft and 5 m. To complete designation add chain length. For example, a 5 m box of 160H-1 is PHC 160H-1X5MTR

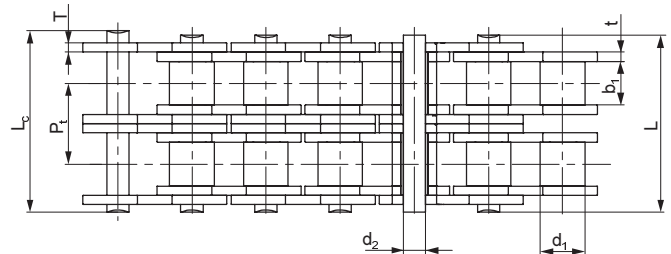
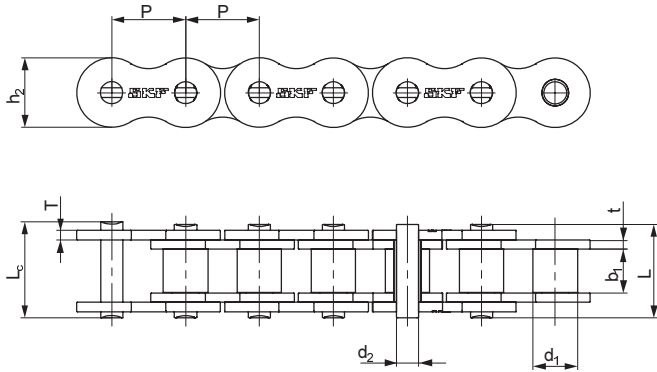
For links add "C/L" for "connecting" and "O/L" for "offset" to the designation in the table



Roller chains

SH Super Heavy

- ▶ Belts
- ▶ Chains
- ▶ Couplings
- ▶ Bushings and Hubs
- ▶ Sprockets
- ▶ Pulleys
- ▶ Smart tools



High strength Super Heavy (SH) series roller chains have a 25~35 % greater ultimate tensile strength over ANSI heavy duty roller chains due to their through hardened pins. These chains provide greater shock load resistance and improved service life whilst retaining the same dimensions as ANSI heavy duty series roller chains.

Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate height	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter	Designation
	P	d ₁ max	b ₁ max	d ₂ max	L max	L _c max	h ₂ max	T max	Q min	Q ₀	q	
	mm	mm	mm	mm	mm	mm	mm	mm	kN	kN	kg/m	
25SH-1*	6,35	3,30	3,18	2,01	9,0	—	6,00	2,01	5,09	5,6	2,17	PHC 25SH-1X...
35SH-1*	9,53	5,08	4,77	3,58	13,3	14,3	9,00	1,50	11,00	13,6	0,41	PHC 35SH-1X...
40SH-1	12,70	7,95	7,85	3,96	18,8	19,9	12,00	2,03	22,40	24,8	0,82	PHC 40SH-1X...
50SH-1	15,88	10,16	9,40	5,08	22,1	23,4	15,09	2,42	30,40	36,2	1,25	PHC 50SH-1X...
60SH-1	19,05	11,91	12,57	5,94	29,2	31,6	18,00	3,25	44,10	50,4	1,87	PHC 60SH-1X...
80SH-1	25,40	15,88	15,75	7,92	36,2	37,7	24,00	4,00	88,20	93,0	3,10	PHC 80SH-1X...
100SH-1	31,75	19,05	18,90	9,53	43,6	46,9	30,00	4,80	116,60	129,1	4,52	PHC 100SH-1X...
120SH-1	38,10	22,23	25,22	11,10	53,5	57,5	35,70	5,60	158,20	175,3	6,60	PHC 120SH-1X...
140SH-1	44,45	25,40	25,22	12,70	57,6	62,2	41,00	6,40	206,00	266,5	8,30	PHC 140SH-1X...
160SH-1	50,80	28,58	31,55	14,27	68,2	73,0	47,80	7,20	274,00	293,0	10,30	PHC 160SH-1X...
200SH-1	63,50	39,68	37,85	19,85	86,6	93,5	60,00	9,50	506,10	562,3	19,16	PHC 200SH-1X...

* Bushing chain: d₁ indicates external diameter of bushing

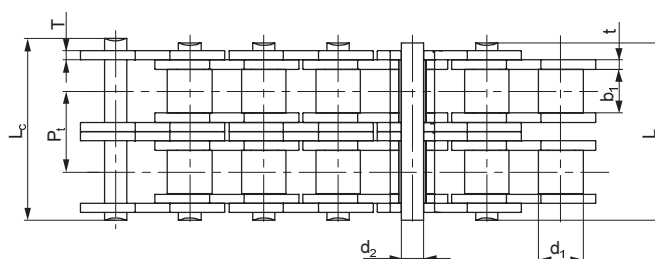
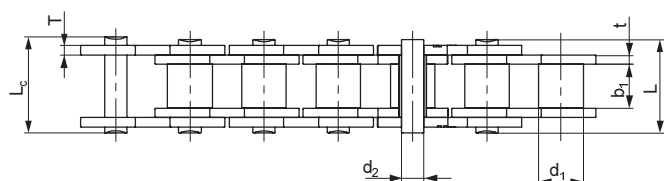
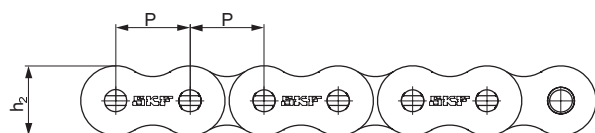
Standard lengths are 10 ft and 5 m. To complete designation add chain length. For example, a 5 m box of 100SH-1 is PHC 100SH-1X5MTR

For "connecting" links add "C/L" to the designation in the table.



Roller chains

SPH Super Heavy



The link plates and pins of this series chains come with a special design and the pins are through hardened for greater shock load resistance. The ultimate tensile strength is up to 18% higher than normal chains. The dimensions of these chains are the same as ANSI standard chains.

Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate height	Plate thickness	Transverse pitch	Ultimate tensile strength	Average tensile strength	Weight per meter	Designation
	P	d ₁ max	b ₁ max	d ₂ max	L max	L ₂ max	h ₂ max	T max	Pt	Q min	Q ₀	q	
	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN	kN	kg/m	
80SPH-1	25,40	15,88	15,75	7,94	32,7	36,5	24,1	3,2	—	77,5	85,3	2,86	PHC80SPH-1X...
100SPH-1	31,75	19,05	18,95	9,54	40,4	44,7	30,1	4,0	—	115,5	127,0	4,21	PHC100SPH-1X...
120SPH-1	38,10	22,23	25,22	11,11	50,3	54,3	36,2	4,8	—	165,0	186,0	6,36	PHC120SPH-1X...
140SPH-1	44,45	25,40	25,22	12,71	54,4	59,0	42,2	5,6	—	222,7	245,0	8,04	PHC140SPH-1X...
160SPH-1	50,80	28,58	31,55	14,29	64,8	69,6	48,2	6,4	—	285,5	314,0	10,80	PHC160SPH-1X...
200SPH-1	63,50	39,68	37,85	19,85	80,3	87,2	60,3	8,0	—	445,5	490,0	18,00	PHC200SPH-1X...
80SPH-2	25,40	15,88	15,75	7,94	62,7	65,8	24,1	3,2	29,29	155,0	170,6	5,68	PHC80SPH-2X...
100SPH-2	31,75	19,05	18,95	9,54	76,4	80,5	30,1	4,0	35,76	231,0	255,0	8,34	PHC100SPH-2X...
120SPH-2	38,10	22,23	25,22	11,11	95,8	99,7	36,2	4,8	45,44	339,0	373,0	12,63	PHC120SPH-2X...
140SPH-2	44,45	25,40	25,22	12,71	103,3	107,9	42,2	5,6	48,87	445,5	490,0	15,92	PHC140SPH-2X...
160SPH-2	50,80	28,58	31,55	14,29	123,3	128,1	48,2	6,4	58,55	571,0	628,0	21,43	PHC160SPH-2X...
200SPH-2	63,50	39,68	37,85	19,85	151,9	158,8	60,3	8,0	71,55	892,0	981,0	35,00	PHC200SPH-2X...
80SPH-3	25,40	15,88	15,75	7,94	91,7	95,1	24,1	3,2	29,29	232,5	255,9	8,18	PHC80SPH-3X...
100SPH-3	31,75	19,05	18,95	9,54	112,2	116,3	30,1	4,0	35,76	347,3	382,0	12,47	PHC100SPH-3X...
120SPH-3	38,10	22,23	25,22	11,11	141,4	145,2	36,2	4,8	45,44	508,0	559,0	18,90	PHC120SPH-3X...
140SPH-3	44,45	25,40	25,22	12,71	152,2	156,8	42,2	5,6	48,87	668,0	735,0	23,84	PHC140SPH-3X...
160SPH-3	50,80	28,58	31,55	14,29	181,8	186,6	48,2	6,4	58,55	855,5	941,0	32,10	PHC160SPH-3X...
200SPH-3	63,50	39,68	37,85	19,85	223,5	230,4	60,3	8,0	71,55	1336,4	1470,0	52,50	PHC200SPH-3X...

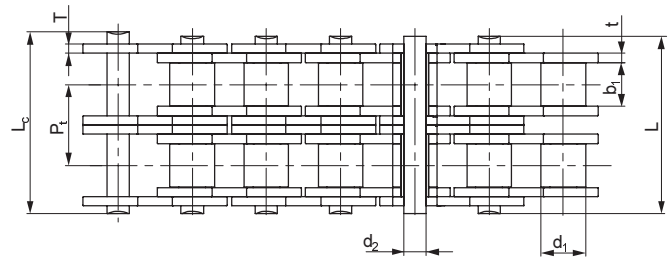
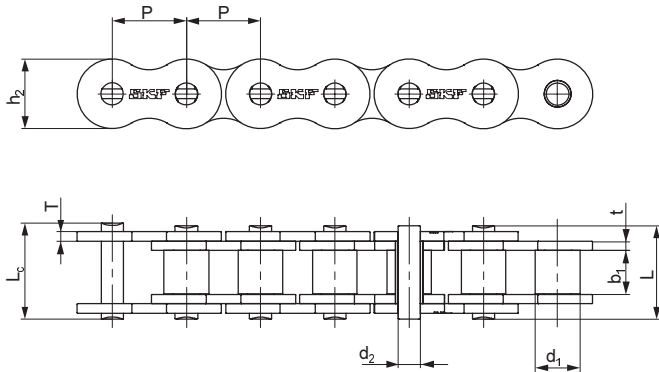
Standard lengths are 10 ft and 5 m. To complete designation add chain length. For example, a 5 m box of 100SH-1 is PHC 100SH-1X5MTR. For "connecting" links add "C/L" to the designation in the table.



Roller chains

SHH Super Heavy

- ▶ Belts
- ▶ Chains
- ▶ Couplings
- ▶ Bushings and Hubs
- ▶ Sprockets
- ▶ Pulleys
- ▶ Smart tools



The thickness of SHH series link plates is the same as the next larger size of SPH chains. The pins are also through hardened. As a consequence greater allowable tension and ultimate tensile strength is achieved compared to SPH and SH chains. The ultimate tensile strength is up to 11% higher than the SPH chains.

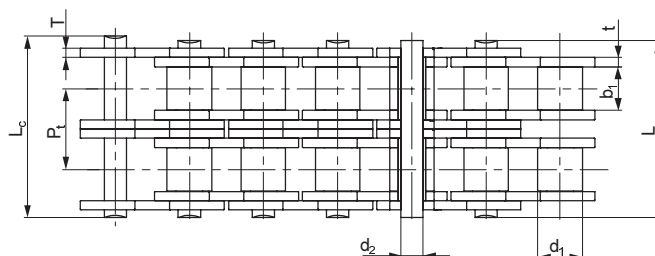
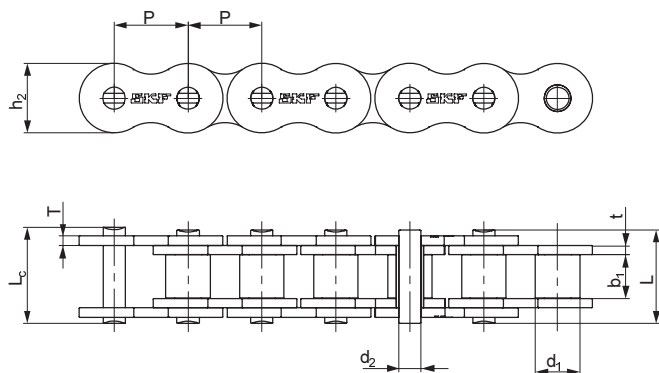
Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate height	Plate thickness	Transverse pitch	Ultimate tensile strength	Average tensile strength	Weight per meter	Designation
	P	d ₁ max	b ₁ max	d ₂ max	L max	L _r max	h ₂ max	T max	Pt	Q min	Q ₀	q	
	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN	kN	kg/m	
80SHH-1	25,40	15,88	15,75	7,94	36,2	38,9	24,1	4,0	—	89,2	98,1	3,36	PHC 80SHH-1X...
100SHH-1	31,75	19,05	18,90	9,54	43,6	46,9	30,1	4,8	—	131,8	145,0	4,90	PHC 100SHH-1X...
120SHH-1	38,10	22,23	25,22	11,11	53,5	57,5	36,2	5,6	—	176,0	196,0	7,12	PHC 120SHH-1X...
140SHH-1	44,45	25,40	25,22	12,71	57,6	62,2	42,2	6,4	—	231,9	255,0	8,88	PHC 140SHH-1X...
160SHH-1	50,80	28,58	31,55	14,29	68,2	73,0	48,2	7,2	—	294,5	324,0	11,72	PHC 160SHH-1X...
200SHH-1	63,50	39,68	37,85	19,85	86,6	93,5	60,3	9,5	—	543,6	598,0	19,80	PHC 200SHH-1X...
80SHH-2	25,40	15,88	15,75	7,94	68,8	72,0	24,1	4,0	32,59	178,4	196,2	6,65	PHC 80SHH-2X...
100SHH-2	31,75	19,05	18,90	9,54	82,7	86,0	30,1	4,8	39,09	263,6	290,0	9,71	PHC 100SHH-2X...
120SHH-2	38,10	22,23	25,22	11,11	102,4	106,4	36,2	5,6	48,87	356,4	392,0	14,12	PHC 120SHH-2X...
140SHH-2	44,45	25,40	25,22	12,71	109,8	114,4	42,2	6,4	52,20	463,6	510,0	17,38	PHC 140SHH-2X...
160SHH-2	50,80	28,58	31,55	14,29	130,1	134,9	48,2	7,2	61,90	588,0	647,0	23,00	PHC 160SHH-2X...
200SHH-2	63,50	39,68	37,85	19,85	164,9	171,8	60,3	9,5	78,31	1091,0	1200,0	38,50	PHC 200SHH-2X...
80SHH-3	25,40	15,88	15,75	7,94	101,4	104,6	24,1	4,0	32,59	267,6	294,3	9,95	PHC 80SHH-3X...
100SHH-3	31,75	19,05	18,90	9,54	121,8	125,1	30,1	4,8	39,09	395,4	435,0	14,53	PHC 100SHH-3X...
120SHH-3	38,10	22,23	25,22	11,11	151,2	155,2	36,2	5,6	48,87	534,5	588,0	21,12	PHC 120SHH-3X...
140SHH-3	44,45	25,40	25,22	12,71	162,0	166,6	42,2	6,4	52,20	695,5	765,0	25,88	PHC 140SHH-3X...
160SHH-3	50,80	28,58	31,55	14,29	192,0	196,8	48,2	7,2	61,90	882,7	971,0	34,22	PHC 160SHH-3X...
200SHH-3	63,50	39,68	37,85	19,85	243,2	250,1	60,3	9,5	78,31	1627,3	1790,0	57,29	PHC 200SHH-3X...

Standard lengths are 10 ft and 5 m. To complete designation add chain length. For example, a 5 m box of 100SHH-1 is PHC 100SHH-1X5MTR
For "connecting" links add "C/L" to the designation in the table.



Roller chains

Stainless steel



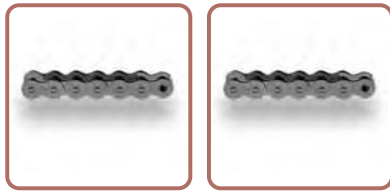
Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate height	Plate thickness		Ultimate tensile strength	Weight per meter	Designation
	P	d ₁ max	b ₁ max	d ₂ max	L max	L ₁ max	h ₂ max	t max	T max	Q min	q	
	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN	kg/m	
25-1SS*	6,35	3,30	3,18	2,31	7,90	8,40	6,00	0,80	0,80	2,5	0,15	PHC 25-1SS...
35-1SS*	9,53	5,08	4,77	3,58	12,40	13,17	9,00	1,30	1,30	5,5	0,33	PHC 35-1SS...
40-1SS	12,70	7,95	7,85	3,96	16,60	17,80	12,00	1,50	1,50	9,6	0,63	PHC 40-1SS...
41-1SS	12,70	7,77	6,25	3,58	13,75	15,00	9,91	1,30	1,30	6,0	0,46	PHC 41-1SS...
50-1SS	15,88	10,16	9,40	5,08	20,70	22,20	15,09	2,03	2,03	15,2	1,03	PHC 50-1SS...
60-1SS	19,05	11,91	12,57	5,94	25,90	27,70	18,00	2,42	2,42	21,7	1,51	PHC 60-1SS...
80-1SS	25,40	15,88	15,75	7,92	32,70	35,00	24,00	3,25	3,25	38,9	2,62	PHC 80-1SS...
100-1SS	31,75	19,05	18,90	9,53	40,40	44,70	30,00	4,00	4,00	60,0	3,94	PHC 100-1SS...
120-1SS	38,10	22,23	25,22	11,10	50,30	54,30	35,70	4,80	4,80	72,5	5,72	PHC 120-1SS...
140-1SS	44,45	25,40	25,22	12,70	54,40	59,00	41,00	5,60	5,60	94,0	7,70	PHC 140-1SS...
04B-1SS	6,00	4,00	2,80	1,85	6,80	7,80	5,00	0,60	0,60	2,0	0,11	PHC 04B-1SS...
05B-1SS	8,00	5,00	3,00	2,31	8,20	8,90	7,10	0,80	0,80	3,5	0,20	PHC 05B-1SS...
06B-1SS^	9,53	6,35	5,72	3,28	13,15	14,10	8,20	1,30	1,30	6,2	0,41	PHC 06B-1SS...
08B-1SS	12,70	8,51	7,75	4,45	16,70	18,20	11,80	1,60	1,60	12,0	0,70	PHC 08B-1SS...
10B-1SS	15,88	10,16	9,65	5,08	19,50	20,90	14,70	1,70	1,70	14,5	0,94	PHC 10B-1SS...
12B-1SS	19,05	12,07	11,68	5,72	22,50	24,20	16,00	1,85	1,85	18,5	1,16	PHC 12B-1SS...
16B-1SS	25,40	15,88	17,02	8,28	36,10	37,40	21,00	4,15	3,10	40,0	2,73	PHC 16B-1SS...
20B-1SS	31,75	19,05	19,56	10,19	41,30	45,00	26,40	4,50	3,50	59,0	3,73	PHC 20B-1SS...
24B-1SS	38,10	25,40	25,40	14,63	53,40	57,80	33,20	6,00	4,80	104,0	7,20	PHC 24B-1SS...
32B-1SS	50,80	29,21	30,99	17,81	66,00	71,00	42,00	7,00	6,00	150,0	10,22	PHC 32B-1SS...

* Bushing chain: d₁ indicates external diameter of bushing

^ Straight side plates

Standard lengths are 10 ft and 5 m. To complete designation add chain length. For example, a 5 m box of 80-1SS is PHC 80-1SSX5MTR.

For links add "C/L" for "connecting" and "O/L" for "offset" to the designation in the table

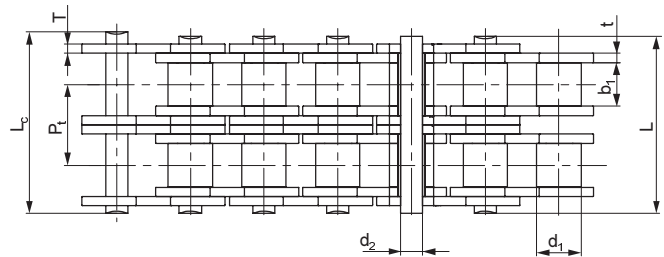
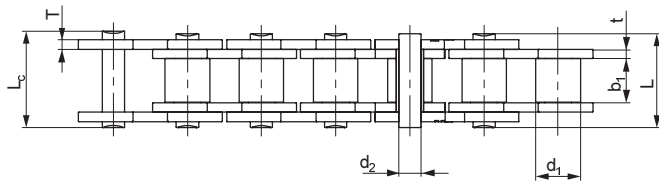
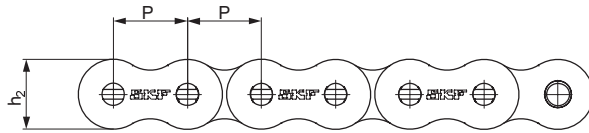


Roller chains

Plated

Dacrotised, Nickel, Zinc

- ▶ Belts
- ▶ Chains
- ▶ Couplings
- ▶ Bushings and Hubs
- ▶ Sprockets
- ▶ Pulleys
- ▶ Smart tools



Plated chains are available Dacrotised, or with Nickel or Zinc plating.

Dacrotised	Suitable for corrosive conditions
Nickel-plated	Improved wear resistance Recommended for outdoor conditions such as exposure to rain
Zinc-plated	An economical way to increase corrosion resistance

Stainless steel should be used in food processing applications, (-20 to 400°C) and in highly corrosive environments.

Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate height	Plate thickness		Ultimate tensile strength	Weight per meter	Designation
	P	d ₁ max	b ₁ max	d ₂ max	L max	L ₂ max	h ₂ max	t max	T max	Q min	q	
	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN	kg/m	
25-1*	6,35	3,30	3,18	2,31	7,90	8,40	6,00	0,80	0,80	3,5	0,15	PHC 25-1...
35-1*	9,53	5,08	4,77	3,58	12,40	13,17	9,00	1,30	1,30	7,9	0,33	PHC 35-1...
40-1	12,70	7,95	7,85	3,96	16,60	17,80	12,00	1,50	1,50	14,1	0,62	PHC 40-1...
41-1	12,70	7,77	6,25	3,58	13,75	15,00	9,91	1,30	1,30	6,7	0,41	PHC 41-1...
50-1	15,88	10,16	9,40	5,08	20,70	22,20	15,09	2,03	2,03	22,2	1,02	PHC 50-1...
60-1	19,05	11,91	12,57	5,94	25,90	27,70	18,00	2,42	2,42	31,8	1,50	PHC 60-1...
80-1	25,40	15,88	15,75	7,92	32,70	35,00	24,00	3,25	3,25	56,7	2,60	PHC 80-1...
100-1	31,75	19,05	18,90	9,53	40,40	44,70	30,00	4,00	4,00	88,5	3,91	PHC 100-1...
120-1	38,10	22,23	25,22	11,10	50,30	54,30	35,70	4,80	4,80	127,0	5,62	PHC 120-1...
140-1	44,45	25,40	25,22	12,70	54,40	59,00	41,00	5,60	5,60	172,4	7,50	PHC 140-1...
160-1	50,80	28,58	31,55	14,27	64,80	69,60	47,80	6,40	6,40	226,8	10,10	PHC 160-1...
04B-1	6,00	4,00	2,80	1,85	6,80	7,80	5,00	0,60	0,60	3,0	0,11	PHC 04B-1...
05B-1	8,00	5,00	3,00	2,31	8,20	8,90	7,10	0,80	0,80	5,0	0,20	PHC 05B-1...
06B-1^	9,53	6,35	5,72	3,28	13,15	14,10	8,20	1,30	1,30	9,0	0,41	PHC 06B-1...
08B-1	12,70	8,51	7,75	4,45	16,70	18,20	11,80	1,60	1,60	18,0	0,69	PHC 08B-1...
10B-1	15,88	10,16	9,65	5,08	19,50	20,90	14,70	1,70	1,70	22,4	0,93	PHC 10B-1...
12B-1	19,05	12,07	11,68	5,72	22,50	24,20	16,00	1,85	1,85	60,0	1,15	PHC 12B-1...
16B-1	25,40	15,88	17,02	8,28	36,10	37,40	21,00	4,15	3,10	95,0	2,71	PHC 16B-1...
20B-1	31,75	19,05	19,56	10,19	41,30	45,00	26,40	4,50	3,50	95,0	3,70	PHC 20B-1...
24B-1	38,10	25,40	25,40	14,63	53,40	57,80	33,20	6,00	4,80	160,0	7,10	PHC 24B-1...
28B-1	44,45	27,94	30,99	15,90	65,10	69,50	36,70	7,50	6,00	200,0	8,50	PHC 28B-1...
32B-1	50,80	29,21	30,99	17,81	66,00	71,00	42,00	7,00	6,00	250,0	10,25	PHC 32B-1 ...

* Bushing chain: d₁ indicates external diameter of bushing

^ Straight side plates

Note: Duplex and double pitch plated chains are available in all sizes

When ordering plated chains suffix the Chain No. according to material selection;

DR = Dacrotised
NP = Nickel-plated
ZP = Zinc-plated

For example: PHC 50-1DR... 50-1 ANSI Simplex **Dacrotised** chain
 PHC 60-2NP... 60-2 ANSI Duplex **Nickel-plated** chain
 PHC 10B-1ZP... 10B-1 BS/ISO Simplex **Zinc-plated** chain

Standard lengths are 10 ft and 5 m. To complete designation add chain length.

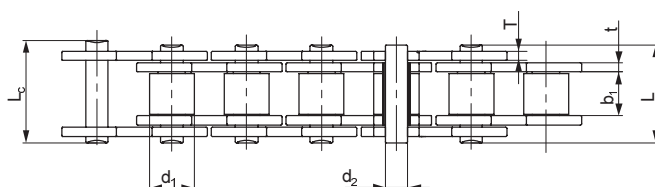
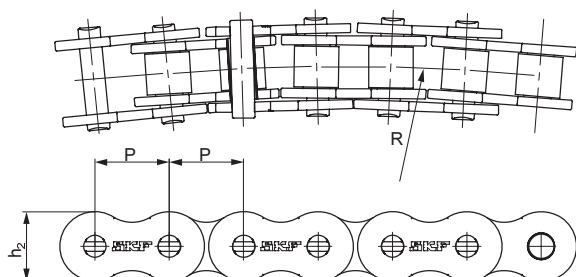
For example, a 10 ft box of 12B-1DR is PHC 12B-1DRX10FT

For links add "C/L" for "connecting" and "O/L" for "offset" to the designation in the table



Roller chains

Side bow

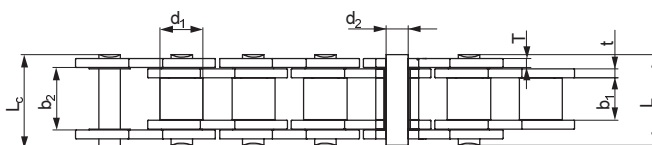
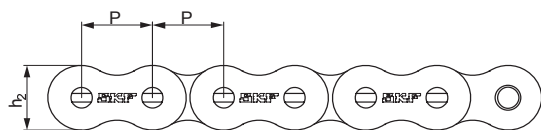


Chain No.	Pitch	Roller diameter	Width between inner plates		Pin length		Inner plate height	Plate thickness		Side bow radius	Ultimate tensile strength	Average tensile strength	Weight per meter	Designation
	P	d ₁ max	b ₁ min	d ₂ max	L max	L _c max	h ₂ max	t max	T max	R min	Q min	Q ₀	q	
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN	kN	kg/m	
40-1SB	12,70	7,95	7,85	3,96	16,9	18,1	11,7	1,50	1,50	350	13,8	15,2	0,80	PHC 40-1SB...
43-1SB	12,70	7,95	7,85	3,45	18,3	19,5	11,7	1,50	1,50	305	12,0	13,2	0,64	PHC 43-1SB...
50-1SB	15,88	10,16	9,40	4,37	20,7	22,7	14,9	2,03	2,03	400	20,6	22,7	1,09	PHC 50-1SB...
60-1SB	19,05	11,91	12,57	5,34	26,6	28,4	18,0	2,42	2,42	500	15,7	17,3	1,54	PHC 60-1SB...
63-1SB	19,05	11,91	12,68	5,08	28,8	30,6	17,2	2,42	2,03	350	12,5	20,0	1,40	PHC 63-1SB...
80-1SB	25,40	15,88	15,75	7,19	34,0	37,3	24,0	3,25	3,25	711	40,9	42,0	2,60	PHC 80-1SB...
08B-1SB	12,70	8,51	7,75	3,97	17,4	18,7	11,8	1,60	1,60	400	14,0	15,4	0,70	PHC 08B-1SB...
10B-1SB	15,88	10,16	9,65	4,50	20,1	21,5	14,7	1,70	1,70	400	15,6	17,2	0,93	PHC 10B-1SB...
12B-1SB	19,05	12,07	11,68	5,12	23,1	24,8	16,0	1,85	1,85	500	20,5	22,6	1,16	PHC 12B-1SB...
C2050-1SB	31,75	10,16	9,40	5,08	21,3	22,6	15,0	2,03	2,03	800	21,8	24,1	0,84	PHC C2050-1SB...

Standard lengths are 10 ft and 5 m. To complete designation add chain length. For example, a 5 m box of 60-1SB is PHC 60-1SBX5MTR.
For links add "C/L" for "connecting" and "O/L" for "offset" to the designation in the table

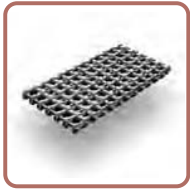
Roller chains

Self-lubricating



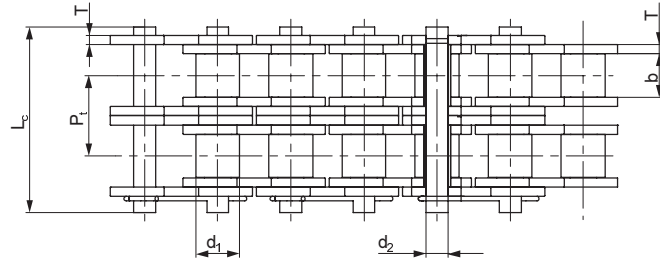
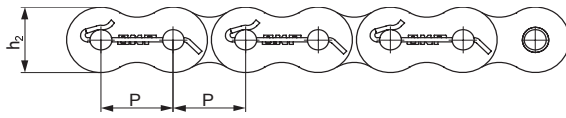
Chain No.	Pitch	Roller diameter	Width between inner plates	Width between outer plates	Pin diameter	Pin length		Inner plate height	Plate thickness		Ultimate tensile strength	Weight per meter	Designation
	P	d ₁ max	b ₁ min	b ₂ min	d ₂ max	L max	L _c max	h ₂ max	t max	T max	Q min	q	
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN	kg/m	
08B-1SLR	12,70	8,51	7,75	13,03	4,45	16,7	18,2	11,8	1,60	1,60	18,0	0,69	PHC 08B-1SLR...
10B-1SLR	15,88	10,16	9,65	13,75	5,08	19,5	20,9	14,7	1,70	1,70	22,4	0,93	PHC 10B-1SLR...
12B-1SLR	19,05	12,07	11,68	15,75	5,72	22,5	24,2	16,0	1,85	1,85	29,0	1,15	PHC 12B-1SLR...
16B-1SLR	25,40	15,88	17,02	27,50	8,28	36,1	37,4	21,0	4,15	3,10	60,0	2,71	PHC 16B-1SLR...
12B-2SLR	19,05	12,07	11,68	35,21	5,72	42,0	43,6	16,0	1,85	1,85	58,0	2,31	PHC 12B-2SLR...
16B-2SLR	25,40	15,88	17,02	57,46	8,28	68,0	69,3	21,0	4,15	3,10	106,0	5,42	PHC 16B-2SLR...
50-1SLR	15,88	10,16	9,40	13,84	5,08	20,7	22,2	15,1	2,03	2,03	21,8	1,02	PHC 50-1SLR...
60-1SLR	19,05	11,91	12,57	19,35	5,94	27,5	29,3	18,0	2,42	2,42	34,2	1,65	PHC 60-1SLR...
80-1SLR	25,40	15,88	15,75	22,66	7,92	32,7	35,0	24,0	3,25	3,25	56,7	2,60	PHC 80-1SLR...
100-1SLR	31,75	19,05	18,90	27,51	9,53	40,4	44,7	30,0	4,00	4,00	86,7	3,94	PHC 100-1SLR...
60-2SLR	19,05	11,91	12,57	42,13	5,94	50,3	52,1	18,0	3,25	2,42	68,4	3,21	PHC 60-2SLR...

Standard lengths are 10 ft and 5 m. To complete designation add chain length. For example, a 10 ft box of 10B-1SLR is PHC 10B-1SLRX10FT
For links add "C/L" for "connecting" and "O/L" for "offset" to the designation in the table



Oil field chains

- ▶ Belts
- ▶ Chains
- ▶ Couplings
- ▶ Bushings and Hubs
- ▶ Sprockets
- ▶ Pulleys
- ▶ Smart tools



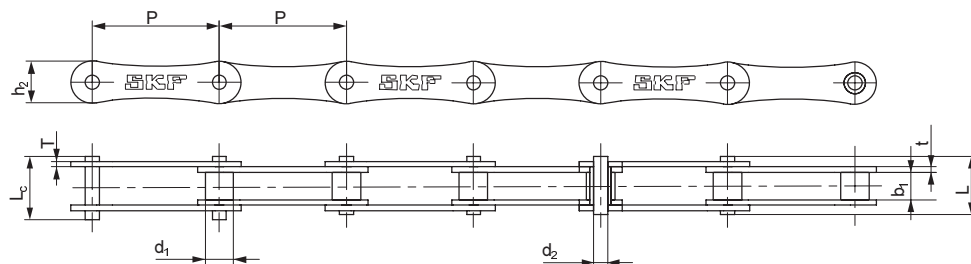
Chain No.	ANSI Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length	Inner plate height	Plate thickness	Transverse pitch	Ultimate tensile strength	Weight per meter	Designation
		P	d1 max	b1 min	d2 max	L max	h2 max	T max	Pt	Q min	q	
		mm	mm	mm	mm	mm	mm	mm	mm	mm	kg/m	
16S-1	80-1	25,40	15,88	15,75	7,92	37,55	24,1	3,25	—	55,6	2,60	PHC 16S-1...
20S-1	100-1	31,75	19,05	18,90	9,53	44,30	30,0	4,00	—	86,9	3,91	PHC 20S-1...
24S-1	120-1	38,10	22,23	22,22	11,10	54,40	36,2	4,80	—	125,1	5,62	PHC 24S-1...
28S-1	140-1	44,45	25,40	25,22	12,70	59,00	42,2	5,60	—	170,3	7,50	PHC 28S-1...
32S-1	160-1	50,80	28,58	31,55	14,27	69,60	48,2	6,40	—	222,4	10,10	PHC 32S-1...
36S-1	180-1	57,15	35,71	35,48	17,46	78,60	54,3	7,20	—	281,5	13,45	PHC 36S-1...
40S-1	200-1	63,50	39,68	37,85	19,85	87,20	60,3	8,00	—	347,5	16,15	PHC 40S-1...
16S-2	80-2	25,40	15,88	15,75	7,92	66,80	24,1	3,25	29,29	111,2	5,15	PHC 16S-2...
20S-2	100-2	31,75	19,05	18,90	9,53	80,50	30,1	4,00	35,76	173,7	7,80	PHC 20S-2...
24S-2	120-2	38,10	22,23	25,22	11,10	99,70	36,2	4,80	45,44	250,2	11,70	PHC 24S-2...
28S-2	140-2	44,45	25,40	25,22	12,70	107,80	42,2	5,60	48,87	340,5	15,14	PHC 28S-2...
32S-2	160-2	50,80	28,58	31,55	14,27	127,50	48,2	6,40	58,55	444,8	20,14	PHC 32S-2...
36S-2	180-2	57,15	35,71	35,48	17,46	144,40	54,3	7,20	65,84	562,9	29,22	PHC 36S-2...
40S-2	200-2	63,50	39,68	37,85	19,85	158,80	60,3	8,00	71,55	695,0	32,24	PHC 40S-2...
16S-3	80-3	25,40	15,88	15,75	7,92	96,10	24,1	3,25	29,29	166,8	7,89	PHC 16S-3...
20S-3	100-3	31,75	19,05	18,90	9,53	116,30	30,1	4,00	35,76	260,6	11,77	PHC 20S-3...
24S-3	120-3	38,10	22,23	25,22	11,10	145,20	36,2	4,80	45,44	375,3	17,53	PHC 24S-3...
28S-3	140-3	44,45	25,40	25,22	12,70	156,80	42,2	5,60	48,87	510,8	22,20	PHC 28S-3...
32S-3	160-3	50,80	28,58	31,55	14,27	186,60	48,2	6,40	58,55	667,2	30,02	PHC 32S-3...
36S-3	180-3	57,15	35,71	35,48	17,46	210,20	54,3	7,20	65,84	844,4	38,22	PHC 36S-3...
40S-3	200-3	63,50	39,68	37,85	19,85	230,40	60,3	8,00	71,55	1042,5	49,03	PHC 40S-3...
16S-4	80-4	25,40	—	15,75	7,92	122,90	24,1	3,25	29,29	222,4	10,24	PHC 16S-4...
20S-4	100-4	31,75	19,05	18,90	9,53	151,50	30,1	4,00	35,76	347,5	15,39	PHC 20S-4...
24S-4	120-4	38,10	22,23	25,22	11,10	190,60	36,2	4,80	45,44	500,4	22,19	PHC 24S-4...
28S-4	140-4	44,45	25,40	25,22	12,70	205,70	42,2	5,60	48,87	681,1	29,63	PHC 28S-4...
32S-4	160-4	50,80	28,58	31,55	14,27	245,20	48,2	6,40	58,55	889,6	39,94	PHC 32S-4...
40S-4	200-4	63,50	39,68	37,85	19,85	302,00	60,3	8,00	71,55	1390,0	63,60	PHC 40S-4...
16S-5	80-5	25,40	—	15,75	7,92	152,20	24,1	3,25	29,29	278,0	12,79	PHC 16S-5...
20S-5	100-5	31,75	19,05	18,90	9,53	187,80	30,1	4,00	35,76	434,4	19,22	PHC 20S-5...
24S-5	120-5	38,10	22,23	25,22	11,10	236,10	36,2	4,80	45,44	625,5	27,71	PHC 24S-5...
16S-6	80-6	25,40	15,88	15,75	7,92	181,50	24,1	3,25	29,29	333,6	15,34	PHC 16S-6...
20S-6	100-6	31,75	19,05	18,90	9,53	223,60	30,1	4,00	35,76	521,2	23,05	PHC 20S-6...
24S-6	120-6	38,10	22,23	25,22	11,10	281,60	36,2	4,80	45,44	750,6	33,24	PHC 24S-6...
28S-6	140-6	44,45	25,40	25,22	12,70	303,40	42,2	5,60	48,87	1021,6	44,38	PHC 28S-6...
32S-6	160-6	50,80	28,58	31,55	14,27	362,30	48,2	6,40	58,55	1334,4	59,83	PHC 32S-6...
40S-6	200-6	63,50	39,68	37,85	19,85	445,00	60,3	8,00	71,55	2085,0	95,23	PHC 40S-6...
16S-8	80-8	25,40	15,88	15,75	7,92	240,10	24,1	3,25	29,29	444,8	20,44	PHC 16S-8...
20S-8	100-8	31,75	19,05	18,90	9,53	295,10	30,1	4,00	35,76	695,0	30,71	PHC 20S-8...
24S-8	120-8	38,10	22,23	25,22	11,10	372,40	36,2	4,80	45,44	1000,8	44,28	PHC 24S-8...

Standard lengths are 10 ft. To complete designation add chain length. For example, a 10 ft box of 40S-6 is PHC 40S-6X10FT
For links add "C/L" for "connecting" and "O/L" for "offset" to the designation in the table



Double pitch chains

Transmission



ANSI Chain No.	BS/ISO Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate height	Plate thickness		Ultimate tensile strength	Average tensile strength	Weight per meter	Designation
		P	d ₁ max	b ₁ min	d ₂ max	L max	L _c max	h ₂ max	t max	T max	Q min	Q ₀	q	
		mm	mm	mm	mm	mm	mm	mm	mm	mm	kN	kN	kg/m	
2040	208A	25,40	7,95	7,85	3,96	16,6	17,8	12,0	1,50	1,50	14,1	16,7	0,42	PHC 2040...
2050	210A	31,75	10,16	9,40	5,08	20,7	22,2	15,0	2,03	2,03	22,2	28,1	0,73	PHC 2050...
2060	212A	38,10	11,91	12,57	5,94	25,9	27,7	18,0	2,42	2,42	31,8	36,8	1,02	PHC 2060...
2080	216A	50,80	15,88	15,75	7,92	32,7	36,5	24,0	3,25	3,25	56,7	65,7	1,70	PHC 2080...
2100	220A	63,50	19,05	18,90	9,53	40,4	44,7	30,0	4,00	4,00	88,5	102,6	2,55	PHC 2100...
2120	224A	76,20	22,23	25,22	11,10	50,3	54,3	35,7	4,80	4,80	127,0	147,3	4,06	PHC 2120...
–	208B	25,40	8,51	7,75	4,45	16,7	18,2	11,8	1,60	1,60	18,0	19,4	0,45	PHC 208B...
–	210B	31,75	10,16	9,65	5,08	19,5	20,9	14,7	1,70	1,70	22,4	27,5	0,65	PHC 210B...
–	212B	38,10	12,07	11,68	5,72	22,5	25,2	16,0	1,85	1,85	29,0	32,2	0,76	PHC 212B...
–	216B	50,80	15,88	17,02	8,28	36,1	39,1	21,0	4,15	3,10	60,0	72,8	1,75	PHC 216B...
–	220B	63,50	19,05	19,56	10,19	41,3	45,0	26,4	4,50	3,50	95,0	106,7	2,62	PHC 220B...
–	224B	76,20	25,40	25,40	14,63	53,4	57,8	33,2	6,00	4,80	160,0	178,0	4,70	PHC 224B...
–	228B	88,90	27,94	30,99	15,90	65,1	69,5	36,7	7,50	6,00	200,0	222,0	6,23	PHC 228B...
–	232B	101,60	29,21	30,99	17,81	66,0	71,0	42,0	7,00	6,00	250,0	277,5	6,72	PHC 232B...

Standard lengths are 10 ft and 5 m. To complete designation add chain length. For example, a 5 m box of 2060 is PHC 2060X5MTR.

For links add "C/L" for "connecting" and "O/L" for "offset" to the designation in the table

Double pitch chains

Transmission attachments



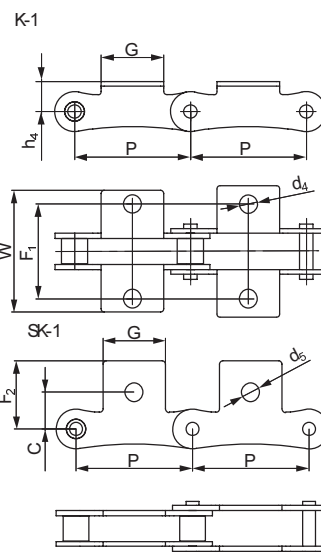
ANSI Chain No.	BS/ISO Chain No.	P	G	F ₁	W	h ₄	d ₄	C	F ₂	d ₅	Designation
		mm	mm	mm	mm	mm	mm	mm	mm	mm	
2040	208A	25,40	19,1	25,4	39,6	9,1	3,4	11,1	20,5	5,5	PHC 2040...
2050	210A	31,75	23,8	31,8	49,0	11,1	5,5	14,3	25,0	6,6	PHC 2050...
2060	212A	38,10	28,6	42,9	67,8	14,7	5,5	17,5	32,9	9,2	PHC 2060...
2080	216A	50,80	38,1	55,6	87,8	19,1	6,8	22,2	43,5	11,0	PHC 2080...
2100	220A	63,50	47,6	66,6	107,5	23,4	9,2	28,6	50,4	13,0	PHC 2100...
2120	224A	76,20	57,2	79,3	121,4	27,8	10,5	33,3	55,5	15,0	PHC 2120...
-	208B	25,40	23,2	25,4	39,6	9,1	4,5	11,1	20,5	5,5	PHC 208B...
-	210B	31,75	23,8	31,8	49,0	11,1	5,5	-	-	-	PHC 210B...
-	212B	38,10	35,0	38,1	57,0	14,7	6,6	-	-	-	PHC 212B...
-	216B	50,80	44,0	50,8	84,0	19,1	6,6	-	-	-	PHC 216B...
-	220B	63,50	52,0	63,5	104,0	23,4	8,4	-	-	-	PHC 220B...
-	224B	76,20	60,0	76,2	120,0	27,8	10,5	-	-	-	PHC 224B...

To complete designation add attachment spacing and type followed by chain length.

For example: PHC 2060-L1K1X10FT (2060 chain with K-1 attachment on every link, 10 ft length)

Note: Also available in stainless steel. When ordering suffix with SS, for example: PHC 2060SS-L1K1X10FT

For links add "C/L" for "connecting" and "O/L" for "offset" to the designation in the table



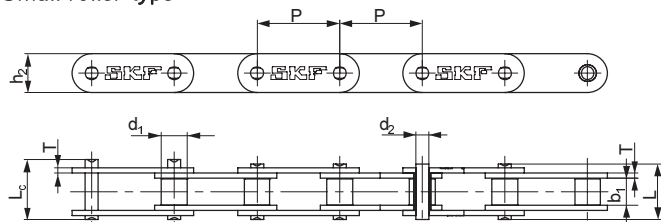


Double pitch chains

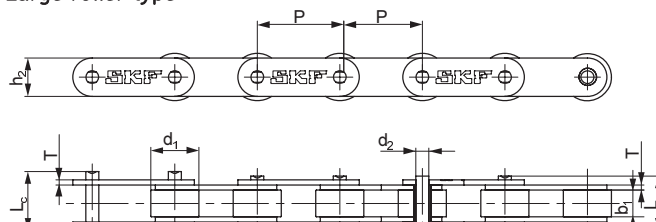
Conveyor

- ▶ Belts
- ▶ Chains
- ▶ Couplings
- ▶ Bushings and Hubs
- ▶ Sprockets
- ▶ Pulleys
- ▶ Smart tools

Small roller type



Large roller type



ANSI Chain No.	BS/ISO Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate height	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter	Designation
		P	d ₁ max	b ₁ min	d ₂ max	L max	L _c max	h ₂ max	T max	Q min	Q ₀	q	
		mm	mm	mm	mm	mm	mm	mm	mm	kN	kN	kg/m	
C2040	C208A	25,40	7,95	7,85	3,96	16,6	17,8	12,0	1,50	14,1	16,7	0,50	PHC C2040...
C2042	C208AL	25,40	15,88	7,85	3,96	16,6	17,8	12,0	1,50	14,1	16,7	0,84	PHC C2042...
C2040H	C208AH	25,40	7,95	7,85	3,96	18,8	19,9	12,0	2,03	14,1	17,2	0,65	PHC C2040H...
C2050	C210A	31,75	10,16	9,40	5,08	20,7	22,2	15,0	2,03	22,2	28,1	0,78	PHC C2050...
C2052	C210AL	31,75	19,05	9,40	5,08	20,7	22,2	15,0	2,03	22,2	28,1	1,27	PHC C2052...
C2060	C212A	38,10	11,91	12,57	5,94	25,9	27,7	18,0	2,42	31,8	36,8	1,12	PHC C2060...
C2062	C212AL	38,10	22,23	12,57	5,94	25,9	27,7	18,0	2,42	31,8	36,8	1,61	PHC C2062...
C2060H	C212AH	38,10	11,91	12,57	5,94	29,2	31,6	18,0	3,25	31,8	41,6	1,44	PHC C2060H...
C2062H	C212AHL	38,10	22,23	12,57	5,94	29,2	31,6	18,0	3,25	31,8	41,6	2,07	PHC C2062H...
C2080	C216A	50,80	15,88	15,75	7,92	32,7	36,5	24,0	3,25	56,7	65,7	2,08	PHC C2080...
C2082	C216AL	50,80	28,58	15,75	7,92	32,7	36,5	24,0	3,25	56,7	65,7	3,12	PHC C2082...
C2080H	C216AH	50,80	15,88	15,75	7,92	36,2	39,4	24,0	4,00	56,7	70,0	2,54	PHC C2080H...
C2082H	C216AHL	50,80	28,58	15,75	7,92	36,2	39,4	24,0	4,00	56,7	70,0	3,58	PHC C2082H...
C2100	C220A	63,50	19,05	18,90	9,53	40,4	44,7	30,0	4,00	88,5	102,6	3,01	PHC C2100...
C2102	C220AL	63,50	39,67	18,90	9,53	40,4	44,7	30,0	4,00	88,5	102,6	4,83	PHC C2102...
C2100H	C220AH	63,50	19,05	18,90	9,53	43,6	46,9	30,0	4,80	88,5	112,4	3,56	PHC C2100H...
C2102H	C220AHL	63,50	39,67	18,90	9,53	43,6	46,9	30,0	4,80	88,5	112,4	5,38	PHC C2102H...
C2120	C224A	76,20	22,23	25,22	11,10	50,3	54,3	35,7	4,80	127,0	147,3	4,66	PHC C2120...
C2122	C224AL	76,20	44,45	25,22	11,10	50,3	54,3	35,7	4,80	127,0	147,3	7,66	PHC C2122...
C2120H	C224AH	76,20	22,23	25,22	11,10	53,5	57,5	35,7	5,60	127,0	160,9	5,26	PHC C2120H...
C2122H	C224AHL	76,20	44,45	25,22	11,10	53,5	57,5	35,7	5,60	127,0	160,9	8,26	PHC C2122H...
C2160	C232A	101,60	28,58	31,75	14,27	64,8	69,6	47,8	6,40	226,8	278,9	8,15	PHC C2160...
C2162	C232AL	101,60	57,15	31,75	14,27	64,8	69,6	47,8	6,40	226,8	278,9	13,00	PHC C2162...
C2160H	C232AH	101,60	28,58	31,75	14,27	68,2	73,0	47,8	7,20	226,8	285,8	9,06	PHC C2160H...
C2162H	C232AHL	101,60	57,15	31,75	14,27	68,2	73,0	47,8	7,20	226,8	285,8	12,77	PHC C2162H...

Standard lengths are 10 ft and 5 m. To complete designation add chain length. For example, a 5 m box of 2060-1 is PHC C2060X5MTR.
For links add "C/L" for "connecting" and "O/L" for "offset" to the designation in the table



Double pitch chains

Conveyor attachments



A-1, A-2, K-1, K-2, AA-1, AA-2, KK-1, KK-2, SA-1, SA-2, SK-1, SK-2

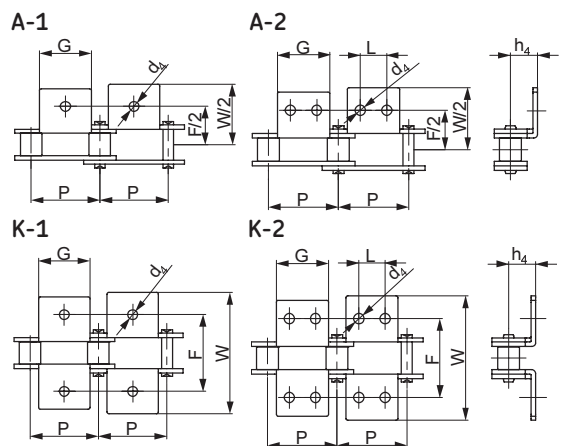
A-1, A-2, K-1, K-2

ANSI Chain No.	BS/ISO Chain No.	P	G	L	F	W	h _k	d _k	Designation
C2040	C208A	25,4	19,1	9,5	25,4	39,6	9,1	3,4	PHC C2040...
C2042	C208AL	25,4	19,1	9,5	25,4	39,6	9,1	3,4	PHC C2042...
C2050	C210A	31,8	23,8	11,9	31,8	49,0	11,1	5,5	PHC C2050...
C2052	C210AL	31,8	23,8	11,9	31,8	49,0	11,1	5,5	PHC C2052...
C2060	C212A	38,1	28,6	14,3	42,9	67,8	14,7	5,5	PHC C2060...
C2062	C212AL	38,1	28,6	14,3	42,9	67,8	14,7	5,5	PHC C2062...
C2060H	C212AH	38,1	28,6	14,3	42,9	67,8	14,7	5,5	PHC C2060H...
C2062H	C212AHL	38,1	28,6	14,3	42,9	67,8	14,7	5,5	PHC C2062H...
C2080	C216A	50,8	38,1	19,1	55,6	87,8	19,1	6,8	PHC C2080...
C2082	C216AL	50,8	38,1	19,1	55,6	87,8	19,1	6,8	PHC C2082...
C2080H	C216AH	50,8	38,1	19,1	55,6	87,8	19,1	6,8	PHC C2080H...
C2082H	C216AHL	50,8	47,6	19,1	55,6	87,8	19,1	6,8	PHC C2082H...
C2100	C220A	63,5	47,6	23,8	66,6	107,5	23,4	9,2	PHC C2100...
C2102	C220AL	63,5	47,6	23,8	66,6	107,5	23,4	9,2	PHC C2102...
C2100H	C220AH	63,5	47,6	23,8	66,6	107,5	23,4	9,2	PHC C2100H...
C2102H	C220AHL	63,5	47,6	23,8	66,6	107,5	23,4	9,2	PHC C2102H...
C2120	C224A	76,2	57,2	28,6	79,3	121,4	27,8	11,0	PHC C2120...
C2122	C224AL	76,2	57,2	28,6	79,3	121,4	27,8	11,0	PHC C2122...
C2120H	C224AH	76,2	57,2	28,6	79,3	121,4	27,8	11,0	PHC C2120H...
C2122H	C224AHL	76,2	57,2	28,6	79,3	121,4	27,8	11,0	PHC C2122H...
C2160	C232A	101,6	76,2	38,1	104,7	151,6	36,5	13,1	PHC C2160...
C2162	C232AL	101,6	76,2	38,1	104,7	151,6	36,5	13,1	PHC C2162...
C2160H	C232AH	101,6	76,2	38,1	104,7	151,6	36,5	13,1	PHC C2160H...
C2162H	C232AHL	101,6	76,2	38,1	104,7	151,6	36,5	13,1	PHC C2162H...

To complete designation add attachment spacing and type followed by chain length.

For example: PHC C2060-L2A1X10FT (C2060 with A-1 attachment on every second link, 10 ft length)

Note: Also available in stainless steel. When ordering suffix with SS, for example: PHC C2060SS-L2A1X10FT



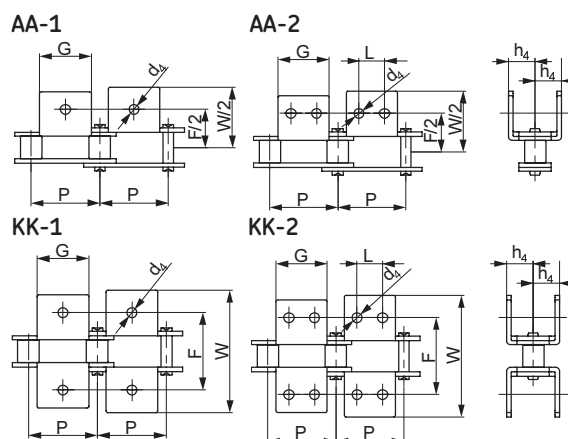
AA-1, AA-2, KK-1, KK-2

ANSI Chain No.	BS/ISO Chain No.	P	G	L	F	W	h _k	d _k	Designation
C2040	C208A	25,4	19,1	9,5	25,4	39,6	9,1	3,4	PHC C2040...
C2042	C208AL	25,4	19,1	9,5	25,4	39,6	9,1	3,4	PHC C2042...
C2050	C210A	31,8	23,8	11,9	31,8	49,0	11,1	5,5	PHC C2050...
C2052	C210AL	31,8	23,8	11,9	31,8	49,0	11,1	5,5	PHC C2052...
C2060	C212A	38,1	28,6	14,3	42,9	67,8	14,7	5,5	PHC C2060...
C2062	C212AL	38,1	28,6	14,3	42,9	67,8	14,7	5,5	PHC C2062...
C2060H	C212AH	38,1	28,6	14,3	42,9	67,8	14,7	5,5	PHC C2060H...
C2062H	C212AHL	38,1	28,6	14,3	42,9	67,8	14,7	5,5	PHC C2062H...
C2080	C216A	50,8	38,1	19,1	55,6	87,8	19,1	6,8	PHC C2080...
C2082	C216AL	50,8	38,1	19,1	55,6	87,8	19,1	6,8	PHC C2082...
C2080H	C216AH	50,8	38,1	19,1	55,6	87,8	19,1	6,8	PHC C2080H...
C2082H	C216AHL	50,8	38,1	19,1	55,6	87,8	19,1	6,8	PHC C2082H...

To complete designation add attachment spacing and type followed by chain length.

For example: PHC C2060-L4KK1X10FT (C2060 with KK-1 attachment on every fourth link, 10 ft length)

Note: Also available in stainless steel. When ordering suffix with SS, for example: PHC C2060SS-L4KK1X10FT



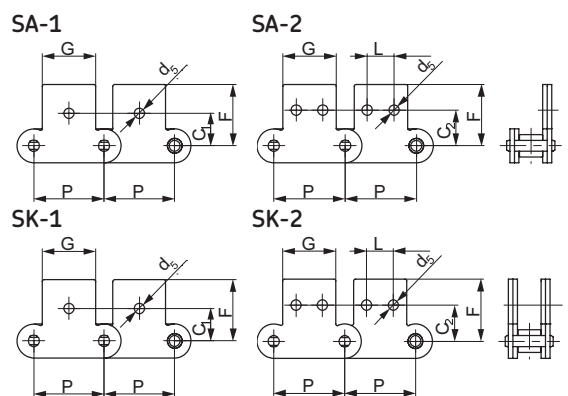
SA-1, SA-2, SK-1, SK-2

ANSI Chain No.	BS/ISO Chain No.	P	G	L	C ₁	C ₂	F	d _k	d _s	Designation
C2040	C208A	25,40	19,1	9,5	11,1	13,5	20,5	3,4	5,5	PHC C2040...
C2042	C208AL	25,40	19,1	9,5	11,1	13,5	20,5	3,4	5,5	PHC C2042...
C2050	C210A	31,75	23,8	11,9	14,3	15,9	25,0	5,5	6,6	PHC C2050...
C2052	C210AL	31,75	23,8	11,9	14,3	15,9	25,0	5,5	6,6	PHC C2052...
C2060	C212A	38,10	28,6	14,3	17,5	19,1	32,9	5,5	9,2	PHC C2060...
C2062	C212AL	38,10	28,6	14,3	17,5	19,1	32,9	5,5	9,2	PHC C2062...
C2060H	C212AH	38,10	28,6	14,3	17,5	19,1	32,9	5,5	9,2	PHC C2060H...
C2062H	C212AHL	38,10	28,6	14,3	17,5	19,1	32,9	5,5	9,2	PHC C2062H...
C2080	C216A	50,80	38,1	19,1	22,2	25,4	43,5	6,6	11,0	PHC C2080...
C2082	C216AL	50,80	38,1	19,1	22,2	25,4	43,5	6,6	11,0	PHC C2082...
C2080H	C216AH	50,80	38,1	19,1	22,2	25,4	43,5	6,6	11,0	PHC C2080H...
C2082H	C216AHL	50,80	38,1	19,1	22,2	25,4	43,5	6,6	11,0	PHC C2082H...
C2100	C220A	63,50	47,6	23,8	28,6	31,8	50,4	8,4	13,0	PHC C2100...
C2102	C220AL	63,50	47,6	23,8	28,6	31,8	50,4	8,4	13,0	PHC C2102...
C2100H	C220AH	63,50	47,6	23,8	28,6	31,8	50,4	8,4	13,0	PHC C2100H...
C2102H	C220AHL	63,50	47,6	23,8	28,6	31,8	50,4	8,4	13,0	PHC C2102H...

To complete designation add attachment spacing and type followed by chain length.

For example: PHC C2060-1-L5SK2X10FT (C2060-1 with SK-2 attachment on every fifth link, 10 ft length)

Note: Also available in stainless steel. When ordering suffix with SS, for example: PHC C2060-1SS-L5SK2X10FT



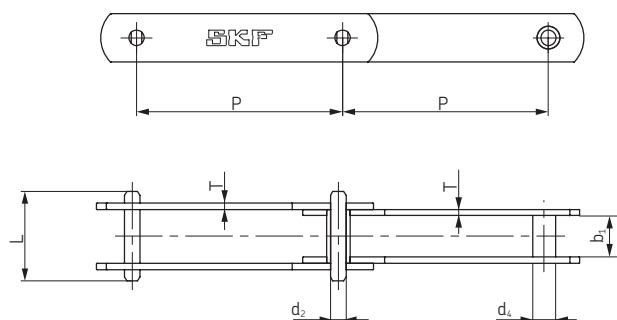


Conveyor chains

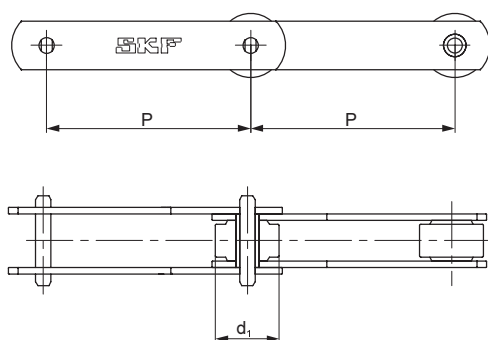
M Series

- ▶ Belts
- ▶ Chains
- ▶ Couplings
- ▶ Bushings and Hubs
- ▶ Sprockets
- ▶ Pulleys
- ▶ Smart tools

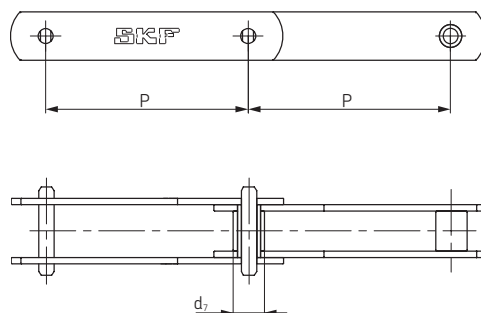
without roller



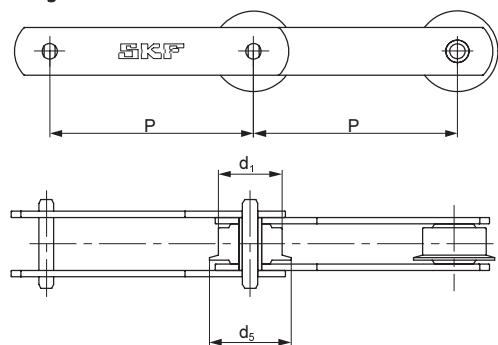
with P large roller



with S small roller



with F flanged roller



BS/ISO Chain No.	Pitch sizes available											
	P (mm)											
M20	40*	50	63	80	100	125	160	-	-	-	-	-
M28	-	50*	63	80	100	125	160	200	-	-	-	-
M40	-	-	63	80	100	125	160	200	250	-	-	-
M56	-	-	63*	80	100	125	160	200	250	-	-	-
M80	-	-	-	80	100	125	160	200	250	315	-	-
M112	-	-	-	80*	100	125	160	200	250	315	400	-
M160	-	-	-	-	100*	125	160	200	250	315	400	500
M224	-	-	-	-	-	125*	160	200	250	315	400	500
M315	-	-	-	-	-	-	160*	200	250	315	400	500
M450	-	-	-	-	-	-	-	200	250	315	400	500

BS/ISO Chain No.	Roller diameter			Bush diameter	Width between inner plates	Pin diameter	Pin length	Plate height	Plate thickness	Ultimate tensile strength	Average tensile strength	Designation
	d ₁ max	d ₂ max	d ₃ max	d ₄ max	b ₁ min	d ₂ max	L max	h ₂ max	T max	Q min	Q ₀	
	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN	kN	
M20A	25	12,5	32	9,0	16	6,0	35	19	2,5	20	25,0	PHC M20A...
M28A	30	15,0	36	10,0	18	7,0	40	21	3,0	28	35,0	PHC M28A...
M40A	36	18,0	42	12,5	20	8,5	45	26	3,5	40	50,0	PHC M40A...
M56A	42	21,0	50	15,0	24	10,0	52	31	4,0	56	70,0	PHC M56A...
M80A	50	25,0	60	18,0	28	12,0	62	36	5,0	80	100,0	PHC M80A...
M112A	60	30,0	70	21,0	32	15,0	73	41	6,0	112	140,0	PHC M112A...
M160A	70	36,0	85	25,0	37	18,0	85	51	7,0	160	200,0	PHC M160A...
M224A	85	42,0	100	30,0	43	21,0	98	62	8,0	224	280,0	PHC M224A...
M315A	100	50,0	120	36,0	48	25,0	112	72	10,0	315	393,7	PHC M315A...
M450A	120	60,0	140	42,0	56	30,0	135	82	12,0	450	562,5	PHC M450A...

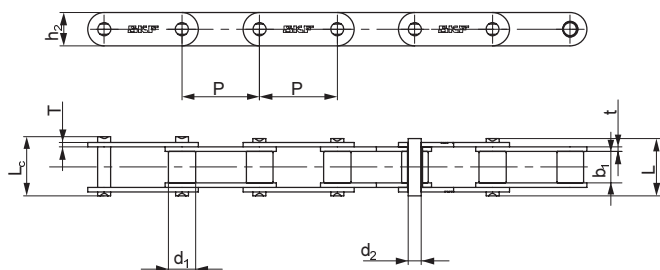
* Only available with small roller or without roller

To complete designation add pitch and chain length. For example, to order M20A with a 50 mm pitch in a 5 m length, use designation PHC M20A50X5MTR

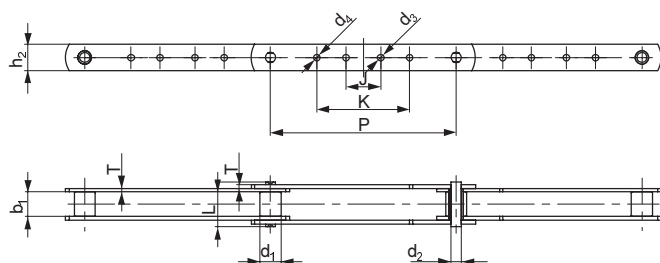


Engineering chains

Lumber and 3939 series



Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate height	Plate thickness		Ultimate tensile strength	Average tensile strength	Weight per meter	Designation
	P	d ₁ max	b ₁ max	d ₂ max	L max	L ₁ max	h ₂ max	t max	T max	Q min	Q ₀	q	
	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN	kN	kg/m	
81X	66,27	23,0	27,00	11,10	49,0	53,5	28,50	4,00	4,00	106,7	128,9	3,78	PHC 81X...
81XH	66,27	23,0	27,78	11,10	60,7	65,1	31,35	7,94	5,55	151,9	175,7	5,88	PHC 81XH...
81XHH	66,27	23,0	27,78	11,10	65,6	70,0	31,35	7,94	7,94	191,1	212,6	6,70	PHC 81XHH...
81XHS	66,27	23,0	27,00	11,10	63,6	68,0	31,80	7,60	7,60	152,0	177,2	6,55	PHC 81XHS...
500R	50,00	25,4	25,40	14,63	52,0	56,4	40,00	5,00	5,00	100,0	114,5	7,13	PHC 500R...
441,100R	100,00	25,4	25,40	14,63	52,0	56,4	40,00	5,00	5,00	100,0	114,5	5,15	PHC 441.100R...



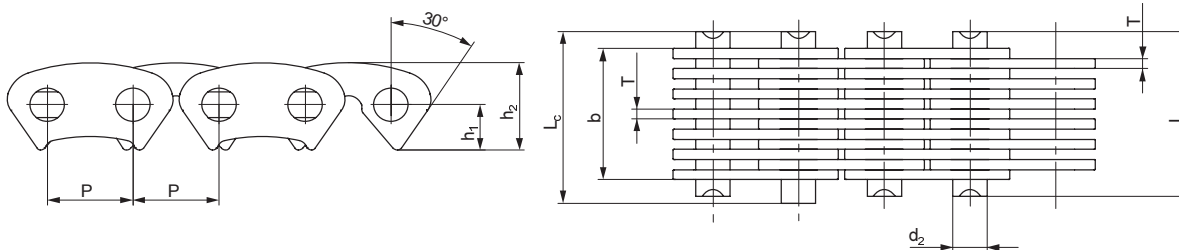
Chain No.	Pitch	Roller diameter	Width between inner plates	Pin dimensions		Plate dimensions					Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter	Designation
	P	d ₁ max	b ₁ max	d ₂ max	L max	h ₂ max	d ₂ max	d ₄ max	J max	K max	T max	Q min	Q ₀	q	
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN	kN	kg/m	
3939-B4	203,2	23	27	11,1	49	28,58	7,2	7,2	38,1	101,6	4	115,58	136,5	2,45	PHC 3939-B4...
3939-B21	203,2	23	27	11,1	49	28,58	7,2	—	38,1	—	4	115,58	136,5	2,45	PHC 3939-B21...
3939-B23	203,2	23	27	11,1	49	28,58	—	10,3	—	92,1	4	115,58	136,5	2,45	PHC 3939-B23...
3939-B24	203,2	23	27	11,1	49	28,58	—	7,2	—	101,6	4	115,58	136,5	2,48	PHC 3939-B24...
3939-B40	203,2	23	27	11,1	49	28,58	—	10,3	—	101,6	4	115,58	136,5	2,45	PHC 3939-B40...
3939-B43	203,2	23	27	11,1	49	28,58	7,2	10,3	38,1	92,1	4	115,58	136,5	2,42	PHC 3939-B43...
3939-B44	203,2	23	27	11,1	49	28,58	7,2	10,3	38,1	101,6	4	115,58	136,5	2,45	PHC 3939-B44...



Silent chains

Flank contact

- ▶ Belts
- ▶ Chains
- ▶ Couplings
- ▶ Bushings and Hubs
- ▶ Sprockets
- ▶ Pulleys
- ▶ Smart tools

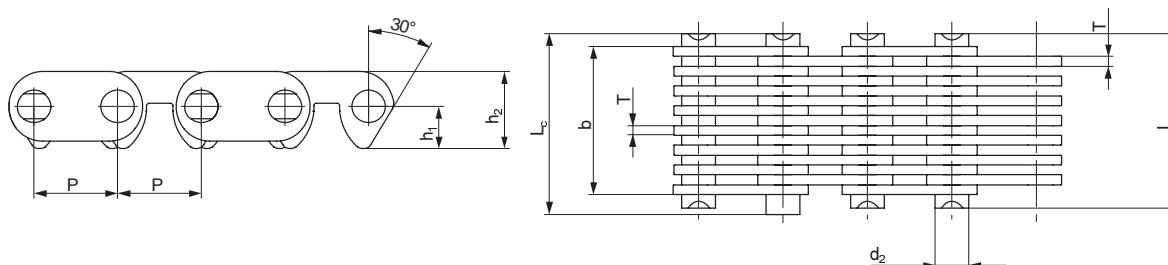


Chain No.	Pitch	Chain width	Pin diameter	Pin length		Distance from hole center to tooth	Plate height	Plate thickness	Guide form	Number of plates	Ultimate tensile strength	Average tensile strength	Weight per meter	Designation
	P	b min	d ₂ max	L max	L _c max	h ₁ max	h ₂ max	T max			Q min	Q ₀	q	
	mm	mm	mm	mm	mm	mm	mm	mm			n	kN	kN	kg/m
CL06-13,5	9,53	13,5	3,95	18,5	20,0	5,3	10,0	1,5	Outside	9	10,0	11,2	0,60	PHC CL06-13.5...
CL06-16,5	9,53	16,5	3,95	21,5	23,0	5,3	10,0	1,5	Outside	11	12,5	14,0	0,73	PHC CL06-16.5...
CL06-19,5	9,53	19,5	3,95	24,5	26,0	5,3	10,0	1,5	Outside	13	15,0	16,8	0,85	PHC CL06-19.5...
CL06-22,5	9,53	22,5	3,95	27,5	29,0	5,3	10,0	1,5	Outside	15	17,5	19,6	1,00	PHC CL06-22.5...
CL06-28,5	9,53	28,5	3,95	33,5	35,0	5,3	10,0	1,5	Inside	19	22,5	25,2	1,26	PHC CL06-28.5...
CL08-19,5	12,70	19,5	5,08	24,5	26,0	7,0	13,4	1,5	Outside	13	23,4	26,2	1,15	PHC CL08-19.5...
CL08-22,5	12,70	22,5	5,08	27,5	29,0	7,0	13,4	1,5	Outside	15	27,4	30,6	1,33	PHC CL08-22.5...
CL08-25,5	12,70	25,5	5,08	30,5	32,0	7,0	13,4	1,5	Outside	17	31,3	35,0	1,50	PHC CL08-25.5...
CL08-28,5	12,70	28,5	5,08	33,5	35,0	7,0	13,4	1,5	Inside	19	35,2	39,4	1,68	PHC CL08-28.5...
CL08-34,5	12,70	34,5	5,08	39,5	41,0	7,0	13,4	1,5	Inside	23	43,0	48,1	2,04	PHC CL08-34.5...
CL08-40,5	12,70	40,5	5,08	45,5	47,0	7,0	13,4	1,5	Inside	27	50,8	56,8	2,39	PHC CL08-40.5...
CL08-46,5	12,70	46,5	5,08	51,5	53,0	7,0	13,4	1,5	Inside	31	58,6	65,6	2,74	PHC CL08-46.5...
CL08-52,5	12,70	52,5	5,08	57,5	59,0	7,0	13,4	1,5	Inside	35	66,4	74,3	3,10	PHC CL08-52.5...
CL10-30,0	15,88	30,0	5,92	37,0	38,2	8,7	16,7	2,0	Inside	15	45,6	50,6	2,21	PHC CL10-30.0...
CL10-38,0	15,88	38,0	5,92	45,0	46,2	8,7	16,7	2,0	Inside	19	58,6	65,0	2,80	PHC CL10-38.0...
CL10-46,0	15,88	46,0	5,92	53,0	54,2	8,7	16,7	2,0	Inside	23	71,7	79,5	3,39	PHC CL10-46.0...
CL10-54,0	15,88	54,0	5,92	61,0	62,4	8,7	16,7	2,0	Inside	27	84,7	94,0	3,99	PHC CL10-54.0...
CL10-62,0	15,88	62,0	5,92	69,0	70,4	8,7	16,7	2,0	Inside	31	97,7	108,4	4,58	PHC CL10-62.0...
CL12-38,0	19,05	38,0	6,90	45,0	46,5	10,5	20,0	2,0	Inside	19	70,0	77,6	3,37	PHC CL12-38.0...
CL12-46,0	19,05	46,0	6,90	53,0	54,5	10,5	20,0	2,0	Inside	23	86,0	95,4	4,08	PHC CL12-46.0...
CL12-54,0	19,05	54,0	6,90	61,0	62,8	10,5	20,0	2,0	Inside	27	102,0	113,2	4,78	PHC CL12-54.0...
CL12-62,0	19,05	62,0	6,90	69,0	70,8	10,5	20,0	2,0	Inside	31	117,0	129,8	5,50	PHC CL12-62.0...
CL12-70,0	19,05	70,0	6,90	77,0	78,8	10,5	20,0	2,0	Inside	35	133,0	147,6	6,20	PHC CL12-70.0...
CL16-45,0	25,40	45,0	8,90	52,0	53,5	14,0	26,7	3,0	Inside	15	111,0	123,2	5,31	PHC CL16-45.0...
CL16-51,0	25,40	51,0	8,90	58,0	59,5	14,0	26,7	3,0	Inside	17	125,0	138,7	6,02	PHC CL16-51.0...
CL16-57,0	25,40	57,0	8,90	64,0	65,5	14,0	26,7	3,0	Inside	19	141,0	156,5	6,37	PHC CL16-57.0...
CL16-69,0	25,40	69,0	8,90	76,2	77,7	14,0	26,7	3,0	Inside	23	172,0	190,9	8,15	PHC CL16-69.0...
CL16-81,0	25,40	81,0	8,90	88,2	89,7	14,0	26,7	3,0	Inside	27	203,0	225,3	9,57	PHC CL16-81.0...
CL16-93,0	25,40	93,0	8,90	100,2	101,7	14,0	26,7	3,0	Inside	31	235,0	260,8	10,98	PHC CL16-93.0...
CL20-57,0	31,75	57,0	10,84	66,6	69,6	17,5	33,4	3,0	Inside	19	165,0	183,1	8,42	PHC CL20-57.0...
CL20-69,0	31,75	69,0	10,84	78,6	81,6	17,5	33,4	3,0	Inside	23	201,0	223,1	10,19	PHC CL20-69.0...
CL20-81,0	31,75	81,0	10,84	90,6	93,6	17,5	33,4	3,0	Inside	27	237,0	263,2	11,96	PHC CL20-81.0...
CL20-93,0	31,75	93,0	10,84	102,6	105,6	17,5	33,4	3,0	Inside	31	273,0	303,0	13,73	PHC CL20-93.0...
CL20-105,0	31,75	105,0	10,84	114,6	117,6	17,5	33,4	3,0	Inside	35	310,0	341,0	15,50	PHC CL20-105.0...
CL20-117,0	31,75	117,0	10,84	126,6	129,6	17,5	33,4	3,0	Inside	39	346,0	380,6	17,27	PHC CL20-117.0...



Silent chains

Crotch contact



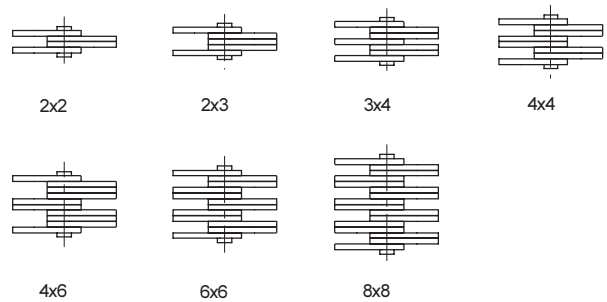
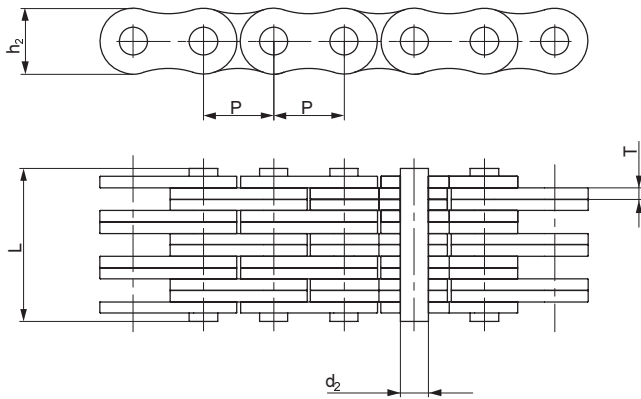
Chain No.	Pitch	Chain width	Pin diameter	Pin length		Distance from hole center to tooth	Plate height	Plate thickness	Guide form	Number of plates	Ultimate tensile strength	Average tensile strength	Weight per meter	Designation
	P	b min	d ₂ max	L max	L _c max	h ₁ max	h ₂ max	T max			Q min	Q ₀	q	
	mm	mm	mm	mm	mm	mm	mm	mm			kN	kN	kg/m	
C4-120	12,7	19,5	5,08	24,5	26	6,62	12,1	1,5	Inside	13	20,0	22,2	1,20	PHC C4-120...
C4-123	12,7	22,5	5,08	27,5	29	6,62	12,1	1,5	Inside	15	23,0	25,5	1,37	PHC C4-123...
C4-129	12,7	28,5	5,08	33,5	35	6,62	12,1	1,5	Inside	19	28,5	31,6	1,72	PHC C4-129...
C4-132	12,7	31,5	5,08	35,5	38	6,62	12,1	1,5	Inside	21	31,5	34,9	1,89	PHC C4-132...
C4-138	12,7	37,5	5,08	42,5	44	6,62	12,1	1,5	Inside	25	38,0	42,1	2,22	PHC C4-138...
C4-150	12,7	49,5	5,08	54,5	56	6,62	12,1	1,5	Inside	33	50,0	55,5	2,90	PHC C4-150...
C4-320	12,7	19,5	5,08	24,5	26	6,62	12,1	1,5	Outside	13	20,0	22,2	1,21	PHC C4-320...
C4-323	12,7	22,5	5,08	27,5	29	6,62	12,1	1,5	Outside	15	23,0	25,5	1,38	PHC C4-323...
C4-329	12,7	28,5	5,08	33,5	35	6,62	12,1	1,5	Outside	19	28,5	31,6	1,73	PHC C4-329...
C4-332	12,7	31,5	5,08	36,5	38	6,62	12,1	1,5	Outside	21	31,5	34,9	1,90	PHC C4-332...
C4-338	12,7	37,5	5,08	42,5	44	6,62	12,1	1,5	Outside	25	38,0	42,1	2,23	PHC C4-338...



Leaf chains

ANSI BL422-BL888

- ▶ Belts
- ▶ Chains
- ▶ Couplings
- ▶ Bushings and Hubs
- ▶ Sprockets
- ▶ Pulleys
- ▶ Smart tools

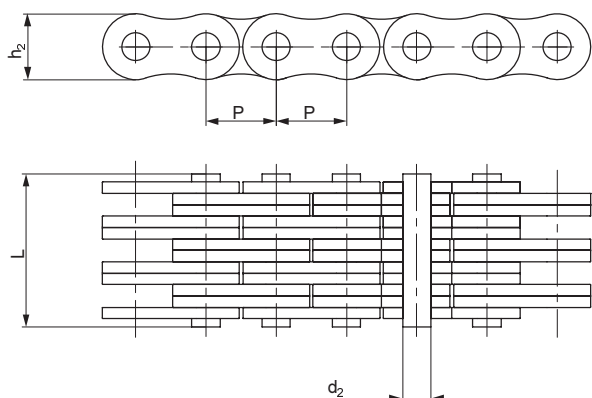


ANSI Chain No.	BS/ISO Chain No.	Pitch	Plate lacing	Plate height	Plate thickness	Pin diameter	Pin length	Ultimate tensile strength	Average tensile strength	Weight per meter	Designation
		P		h ₂ max	T max	d ₂ max	L max	Q min	Q ₀	q	
		mm		mm	mm	mm	mm	kN	kN	kg/m	
BL422	LH0822	12,70	2 x 2	12,07	2,08	5,09	11,05	22,2	27,6	0,64	PHC BL422...
BL423	LH0823	12,70	2 x 3	12,07	2,08	5,09	13,16	22,2	27,6	0,80	PHC BL423...
BL434	LH0834	12,70	3 x 4	12,07	2,08	5,09	17,40	33,4	41,4	1,12	PHC BL434...
BL444	LH0844	12,70	4 x 4	12,07	2,08	5,09	19,51	44,5	56,0	1,28	PHC BL444...
BL446	LH0846	12,70	4 x 6	12,07	2,08	5,09	23,75	44,5	56,0	1,60	PHC BL446...
BL466	LH0866	12,70	6 x 6	12,07	2,08	5,09	27,99	66,7	81,7	1,92	PHC BL466...
BL488	LH0888	12,70	8 x 8	12,07	2,08	5,09	36,45	89,0	109,4	2,56	PHC BL488...
BL522	LH1022	15,88	2 x 2	15,09	2,44	5,96	12,90	33,4	43,1	0,88	PHC BL522...
BL523	LH1023	15,88	2 x 2	15,09	2,44	5,96	15,37	33,4	43,1	1,10	PHC BL523...
BL534	LH1034	15,88	3 x 4	15,09	2,44	5,96	20,32	48,9	65,6	1,50	PHC BL534...
BL544	LH1044	15,88	4 x 4	15,09	2,44	5,96	22,78	66,7	84,5	1,80	PHC BL544...
BL546	LH1046	15,88	4 x 6	15,09	2,44	5,96	27,74	66,7	84,5	2,20	PHC BL546...
BL566	LH1066	15,88	6 x 6	15,09	2,44	5,96	32,69	100,1	125,1	2,65	PHC BL566...
BL588	LH1088	15,88	8 x 8	15,09	2,44	5,96	42,57	133,4	169,5	3,50	PHC BL588...
BL622	LH1222	19,05	2 x 2	18,11	3,30	7,94	17,37	48,9	63,6	1,45	PHC BL622...
BL623	LH1223	19,05	2 x 3	18,11	3,30	7,94	20,73	48,9	63,6	1,80	PHC BL623...
BL634	LH1234	19,05	3 x 4	18,11	3,30	7,94	27,43	75,6	102,8	2,50	PHC BL634...
BL644	LH1244	19,05	4 x 4	18,11	3,30	7,94	30,78	97,9	120,9	2,90	PHC BL644...
BL646	LH1246	19,05	4 x 6	18,11	3,30	7,94	37,49	97,9	120,9	3,60	PHC BL646...
BL666	LH1266	19,05	6 x 6	18,11	3,30	7,94	44,20	146,8	190,8	4,30	PHC BL666...
BL688	LH1288	19,05	8 x 8	18,11	3,30	7,94	57,61	195,7	238,8	5,80	PHC BL688...
BL822	LH1622	25,40	2 x 2	24,13	4,09	9,54	21,34	84,5	108,2	2,20	PHC BL822...
BL823	LH1623	25,40	2 x 3	24,13	4,09	9,54	25,48	84,5	108,2	2,70	PHC BL823...
BL834	LH1634	25,40	3 x 4	24,13	4,09	9,54	33,76	129,0	170,0	3,80	PHC BL834...
BL844	LH1644	25,40	4 x 4	24,13	4,09	9,54	37,90	169,0	214,6	4,30	PHC BL844...
BL846	LH1646	25,40	4 x 6	24,13	4,09	9,54	46,18	169,0	214,6	5,40	PHC BL846...
BL866	LH1666	25,40	6 x 6	24,13	4,09	9,54	54,46	253,6	324,5	6,50	PHC BL866...
BL888	LH1688	25,40	8 x 8	24,13	4,09	9,54	71,02	338,1	432,7	8,60	PHC BL888...



Leaf chains

ANSI BL1022-BL2088



2x2



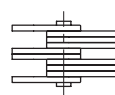
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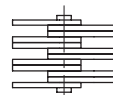
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4x4



4x6



6x6



8x8

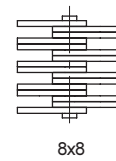
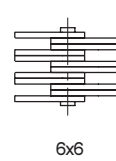
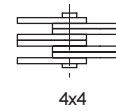
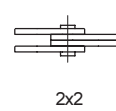
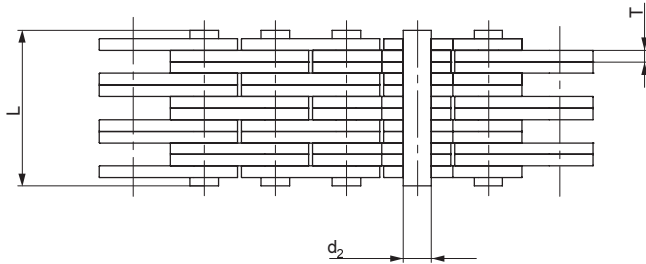
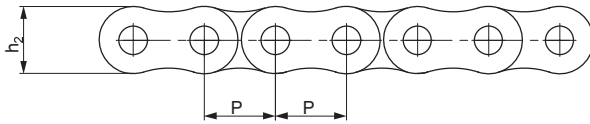
ANSI Chain No.	BS/ISO Chain No.	Pitch	Plate lacing	Plate height	Plate thickness	Pin diameter	Pin length	Ultimate tensile strength	Average tensile strength	Weight per meter	Designation
		P		h ₂ max	T max	d ₂ max	L max	Q min	Q ₀	q	
		mm		mm	mm	mm	mm	kN	kN	kg/m	
BL1022	LH2022	31,75	2 x 2	30,18	4,90	11,11	25,37	115,6	150,8	3,4	PHC BL1022...
BL1023	LH2023	31,75	2 x 3	30,18	4,90	11,11	30,33	115,6	150,8	4,3	PHC BL1023...
BL1034	LH2034	31,75	3 x 4	30,18	4,90	11,11	40,23	182,4	231,6	6,0	PHC BL1034...
BL1044	LH2044	31,75	4 x 4	30,18	4,90	11,11	45,19	231,3	291,4	6,9	PHC BL1044...
BL1046	LH2046	31,75	4 x 6	30,18	4,90	11,11	55,09	231,3	291,4	8,6	PHC BL1046...
BL1066	LH2066	31,75	6 x 6	30,18	4,90	11,11	65,00	347,0	430,3	10,3	PHC BL1066...
BL1088	LH2088	31,75	8 x 8	30,18	4,90	11,11	84,81	462,6	555,1	13,8	PHC BL1088...
BL1222	LH2422	38,10	2 x 2	36,20	5,77	12,71	29,62	151,2	192,0	4,6	PHC BL1222...
BL1223	LH2423	38,10	2 x 3	36,20	5,77	12,71	35,43	151,2	192,0	5,8	PHC BL1223...
BL1234	LH2434	38,10	3 x 4	36,20	5,77	12,71	47,07	244,6	315,9	8,1	PHC BL1234...
BL1244	LH2444	38,10	4 x 4	36,20	5,77	12,71	52,88	302,5	381,1	9,3	PHC BL1244...
BL1246	LH2446	38,10	4 x 6	36,20	5,77	12,71	64,52	302,5	381,1	11,6	PHC BL1246...
BL1266	LH2466	38,10	6 x 6	36,20	5,77	12,71	76,15	453,7	543,6	13,9	PHC BL1266...
BL1288	LH2488	38,10	8 x 8	36,20	5,77	12,71	99,42	605,0	726,0	18,6	PHC BL1288...
BL1422	LH2822	44,45	2 x 2	42,24	6,55	14,29	33,55	191,3	225,7	6,1	PHC BL1422...
BL1423	LH2823	44,45	2 x 3	42,24	6,55	14,29	40,16	191,3	225,7	7,6	PHC BL1423...
BL1434	LH2834	44,45	3 x 4	42,24	6,55	14,29	53,37	315,8	372,6	10,6	PHC BL1434...
BL1444	LH2844	44,45	4 x 4	42,24	6,55	14,29	59,97	382,6	451,2	12,2	PHC BL1444...
BL1446	LH2846	44,45	4 x 6	42,24	6,55	14,29	73,18	382,6	451,2	15,2	PHC BL1446...
BL1466	LH2866	44,45	6 x 6	42,24	6,55	14,29	86,39	578,3	682,4	18,2	PHC BL1466...
BL1488	LH2888	44,45	8 x 8	42,24	6,55	14,29	112,80	765,1	902,8	24,3	PHC BL1488...
BL1622	LH3222	50,80	2 x 2	48,26	7,52	17,46	39,01	289,1	341,1	8,0	PHC BL1622...
BL1623	LH3223	50,80	2 x 3	48,26	7,52	17,46	46,58	289,1	341,1	10,0	PHC BL1623...
BL1634	LH3234	50,80	3 x 4	48,26	7,52	17,46	61,72	440,4	519,6	14,0	PHC BL1634...
BL1644	LH3244	50,80	4 x 4	48,26	7,52	17,46	69,29	573,8	680,4	16,0	PHC BL1644...
BL1646	LH3246	50,80	4 x 6	48,26	7,52	17,46	84,43	578,3	680,4	20,0	PHC BL1646...
BL1666	LH3266	50,80	6 x 6	48,26	7,52	17,46	99,57	857,4	1000,7	24,0	PHC BL1666...
BL1688	LH3288	50,80	8 x 8	48,26	7,52	17,46	129,84	1156,5	1364,6	32,0	PHC BL1688...
BL2022	LH4022	63,50	2 x 2	60,33	9,91	23,81	51,74	433,7	511,7	15,8	PHC BL2022...
BL2023	LH4023	63,50	2 x 3	60,33	9,91	23,81	61,70	433,7	511,7	19,8	PHC BL2023...
BL2034	LH4034	63,50	3 x 4	60,33	9,91	23,81	81,61	649,4	766,2	27,7	PHC BL2034...
BL2044	LH4044	63,50	4 x 4	60,33	9,91	23,81	91,57	867,4	1023,5	31,6	PHC BL2044...
BL2046	LH4046	63,50	4 x 6	60,33	9,91	23,81	111,48	867,4	1023,5	39,5	PHC BL2046...
BL2066	LH4066	63,50	6 x 6	60,33	9,91	23,81	131,39	1301,1	1535,2	47,4	PHC BL2066...
BL2088	LH4088	63,50	8 x 8	60,33	9,91	23,81	171,22	1734,8	2046,5	63,2	PHC BL2088...



Leaf chains

BS/ISO LL0822-LL4888

- ▶ Belts
- ▶ Chains
- ▶ Couplings
- ▶ Bushings and Hubs
- ▶ Sprockets
- ▶ Pulleys
- ▶ Smart tools

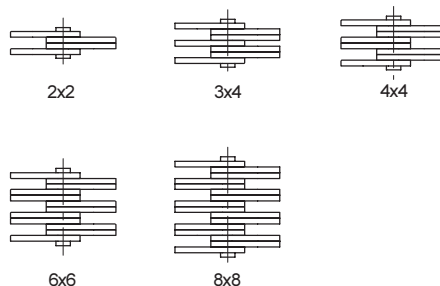
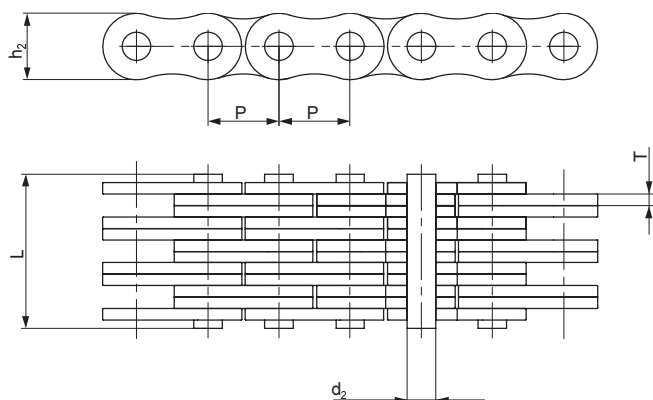


BS/ISO Chain No.	Pitch	Plate lacing	Plate height	Plate thickness	Pin diameter	Pin length	Ultimate tensile strength	Average tensile strength	Weight per meter	Designation
	P		h ₂ max	T max	d ₂ max	L max	Q min	Q ₀	q	
	mm		mm	mm	mm	mm	kN	kN	kg/m	
LL0822	12,70	2 x 2	10,60	1,60	4,45	8,9	18,2	20,4	0,42	PHC LL0822...
LL0844	12,70	4 x 4	10,60	1,60	4,45	15,6	36,4	40,7	0,84	PHC LL0844...
LL0866	12,70	6 x 6	10,60	1,60	4,45	22,0	54,6	60,0	1,24	PHC LL0866...
LL0888	12,70	8 x 8	10,60	1,60	4,45	28,5	72,8	80,0	1,64	PHC LL0888...
LL1022	15,88	2 x 2	13,70	1,60	5,08	9,2	22,7	25,5	0,54	PHC LL1022...
LL1044	15,88	4 x 4	13,70	1,60	5,08	15,8	45,4	51,0	1,06	PHC LL1044...
LL1066	15,88	6 x 6	13,70	1,60	5,08	22,1	68,1	76,3	1,57	PHC LL1066...
LL1088	15,88	8 x 8	13,70	1,60	5,08	28,8	90,8	101,9	2,10	PHC LL1088...
LL1222	19,05	2 x 2	16,00	1,85	5,72	10,4	29,5	33,2	0,73	PHC LL1222...
LL1244	19,05	4 x 4	16,00	1,85	5,72	17,9	59,0	66,4	1,44	PHC LL1244...
LL1266	19,05	6 x 6	16,00	1,85	5,72	25,4	88,5	99,7	2,15	PHC LL1266...
LL1288	19,05	8 x 8	16,00	1,85	5,72	32,9	118,0	132,9	2,84	PHC LL1288...
LL1622	25,40	2 x 2	21,00	3,10	8,28	17,2	58,0	66,7	1,52	PHC LL1622...
LL1644	25,40	4 x 4	21,00	3,10	8,28	29,6	116,0	140,0	2,90	PHC LL1644...
LL1666	25,40	6 x 6	21,00	3,10	8,28	42,4	174,0	208,8	4,30	PHC LL1666...
LL1688	25,40	8 x 8	21,00	3,10	8,28	54,9	232,0	278,0	5,71	PHC LL1688...
LL2022	31,75	2 x 2	26,40	3,50	10,19	20,1	95,0	109,2	2,33	PHC LL2022...
LL2044	31,75	4 x 4	26,40	3,50	10,19	33,8	190,0	218,5	4,40	PHC LL2044...
LL2066	31,75	6 x 6	26,40	3,50	10,19	50,1	285,0	324,6	6,79	PHC LL2066...
LL2088	31,75	8 x 8	26,40	3,50	10,19	64,0	380,0	435,1	8,90	PHC LL2088...
LL2422	38,10	2 x 2	33,40	5,00	14,63	28,4	170,0	195,5	4,47	PHC LL2422...
LL2444	38,10	4 x 4	33,40	5,00	14,63	46,3	340,0	380,8	8,22	PHC LL2444...
LL2466	38,10	6 x 6	33,40	5,00	14,63	66,4	510,0	571,2	12,22	PHC LL2466...
LL2488	38,10	8 x 8	33,40	5,00	14,63	86,6	680,0	775,2	16,30	PHC LL2488...
LL2822	44,45	2 x 2	37,08	6,00	15,90	32,2	200,0	224,0	5,10	PHC LL2822...
LL2844	44,45	4 x 4	37,08	6,00	15,90	56,4	400,0	448,0	9,90	PHC LL2844...
LL2866	44,45	6 x 6	37,08	6,00	15,90	80,8	600,0	672,0	14,60	PHC LL2866...
LL2888	44,45	8 x 8	37,08	6,00	15,90	105,2	800,0	896,0	19,40	PHC LL2888...
LL3222	50,80	2 x 2	42,00	6,40	17,81	34,8	260,0	291,2	6,20	PHC LL3222...
LL3244	50,80	4 x 4	42,00	6,40	17,81	60,6	520,0	582,4	12,30	PHC LL3244...
LL3266	50,80	6 x 6	42,00	6,40	17,81	86,4	780,0	873,6	18,30	PHC LL3266...
LL3288	50,80	8 x 8	42,00	6,40	17,81	112,2	1040,0	1176,0	24,00	PHC LL3288...
LL4022	63,50	2 x 2	52,76	8,00	22,89	42,2	360,0	403,2	10,30	PHC LL4022...
LL4044	63,50	4 x 4	52,76	8,00	22,89	74,4	780,0	873,6	20,00	PHC LL4044...
LL4066	63,50	6 x 6	52,76	8,00	22,89	106,5	1080,0	1209,6	30,00	PHC LL4066...
LL4088	63,50	8 x 8	52,76	8,00	22,89	140,0	1440,0	1747,2	39,10	PHC LL4088...
LL4822	76,20	2 x 2	63,88	10,00	29,24	54,6	560,0	627,2	18,50	PHC LL4822...
LL4844	76,20	4 x 4	63,88	10,00	29,24	92,6	1120,0	1554,4	35,70	PHC LL4844...
LL4866	76,20	6 x 6	63,88	10,00	29,24	133,4	1680,0	1880,0	53,00	PHC LL4866...
LL4888	76,20	8 x 8	63,88	10,00	29,24	174,2	2240,0	2508,8	70,40	PHC LL4888...



Leaf chains

ANSI AL322-AL1688



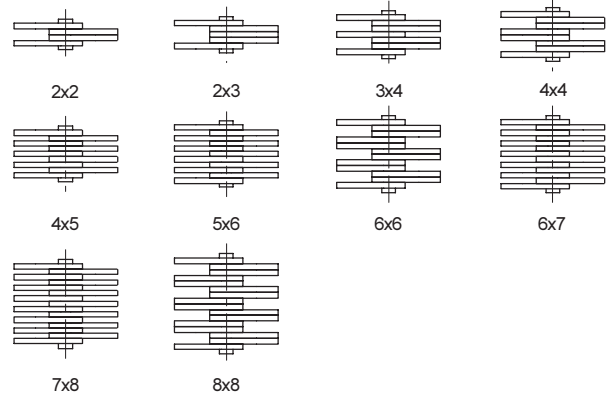
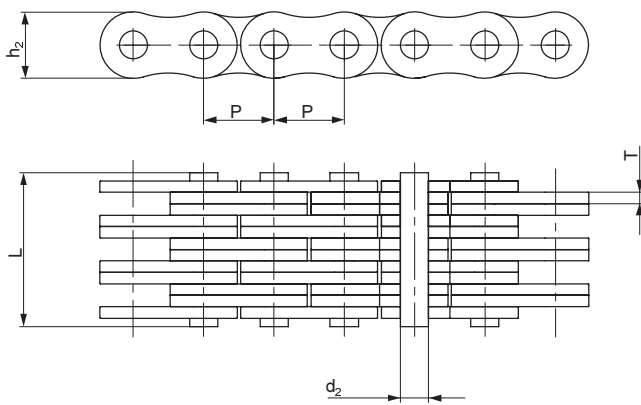
ANSI Chain No.	Pitch	Plate lacing	Plate height	Plate thickness	Pin diameter	Pin length	Ultimate tensile strength	Average tensile strength	Weight per meter	Designation
	P		h ₂ max	T max	d ₂ max	L max	Q min	Q ₀	q	
	mm		mm	mm	mm	mm	kN	kN	kg/m	
AL322	9,53	2 x 2	7,7	1,30	3,58	6,80	9,0	10,2	0,23	PHC AL322...
AL344	9,53	4 x 4	7,7	1,30	3,58	11,60	18,0	20,0	0,46	PHC AL344...
AL422	12,70	2 x 2	10,4	1,50	3,96	8,30	14,1	16,9	0,39	PHC AL422...
AL444	12,70	4 x 4	10,4	1,50	3,96	14,40	28,2	35,2	0,74	PHC AL444...
AL466	12,70	6 x 6	10,4	1,50	3,96	20,50	42,3	52,7	1,13	PHC AL466...
AL522	15,88	2 x 2	12,8	2,03	5,08	11,05	22,0	27,5	0,64	PHC AL522...
AL534	15,88	3 x 4	12,8	2,03	5,08	17,00	33,0	46,0	1,10	PHC AL534...
AL544	15,88	4 x 4	12,8	2,03	5,08	19,40	44,0	55,0	1,25	PHC AL544...
AL566	15,88	6 x 6	12,8	2,03	5,08	27,50	66,0	82,5	1,79	PHC AL566...
AL622	19,05	2 x 2	15,6	2,42	5,94	13,00	37,0	44,4	0,86	PHC AL622...
AL644	19,05	4 x 4	15,6	2,42	5,94	22,70	63,7	78,8	1,76	PHC AL644...
AL666	19,05	6 x 6	15,6	2,42	5,94	32,20	100,1	118,6	2,60	PHC AL666...
AL688	19,05	8 x 8	15,6	2,42	5,94	42,20	133,4	156,6	3,49	PHC AL688...
AL822	25,40	2 x 2	20,5	3,25	7,92	16,00	56,7	68,6	1,54	PHC AL822...
AL844	25,40	4 x 4	20,5	3,25	7,92	29,40	113,4	135,6	3,00	PHC AL844...
AL866	25,40	6 x 6	20,5	3,25	7,92	44,20	170,0	202,3	4,46	PHC AL866...
AL1022	31,75	2 x 2	25,6	4,00	9,53	19,60	88,5	107,1	2,37	PHC AL1022...
AL1044	31,75	4 x 4	25,6	4,00	9,53	36,40	177,0	203,6	4,68	PHC AL1044...
AL1066	31,75	6 x 6	25,6	4,00	9,53	52,30	265,0	315,3	7,20	PHC AL1066...
AL1088	31,75	8 x 8	25,6	4,00	9,53	68,50	354,0	421,2	9,94	PHC AL1088...
AL1222	38,10	2 x 2	30,5	4,80	11,10	24,30	127,0	151,1	3,65	PHC AL1222...
AL1244	38,10	4 x 4	30,5	4,80	11,10	43,80	254,0	299,7	7,05	PHC AL1244...
AL1266	38,10	6 x 6	30,5	4,80	11,10	63,20	381,0	426,3	10,50	PHC AL1266...
AL1288	38,10	8 x 8	30,5	4,80	11,10	82,60	508,0	568,4	14,03	PHC AL1288...
AL1444	44,45	4 x 4	36,4	5,60	12,64	51,30	372,7	413,6	10,34	PHC AL1444...
AL1466	44,45	6 x 6	36,4	5,60	12,64	74,56	559,0	620,4	15,16	PHC AL1466...
AL1644	50,80	4 x 4	41,6	6,40	14,21	58,00	471,0	522,8	12,98	PHC AL1644...
AL1666	50,80	6 x 6	41,6	6,40	14,21	83,80	706,0	783,6	19,76	PHC AL1666...
AL1688	50,80	8 x 8	41,6	6,40	14,21	109,50	942,0	1045,5	25,47	PHC AL1688...



Leaf chains

FL, F19V, FLC

- ▶ Belts
- ▶ Chains
- ▶ Couplings
- ▶ Bushings and Hubs
- ▶ Sprockets
- ▶ Pulleys
- ▶ Smart tools

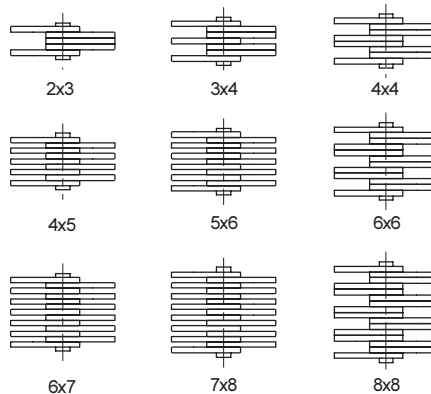
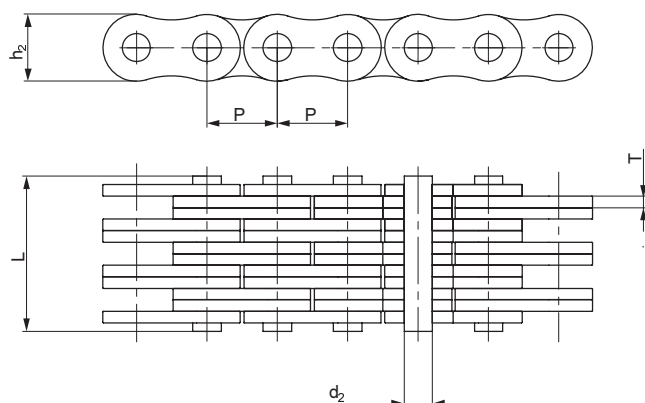


Chain No.	Pitch	Plate lacing	Plate height	Plate thickness	Pin diameter	Pin length	Ultimate tensile strength	Average tensile strength	Weight per meter	Designation
	P		h ₂ max	T max	d ₂ max	L max	Q min	Q ₀	q	
	mm		mm	mm	mm	mm	kN	kN	kg/m	
FL644	5,94	4 x 4	4,7	0,60	1,85	6,6	6,50	7,8	0,13	PHC FL644...
FL666	5,94	6 x 6	4,7	0,60	1,85	9,3	9,75	11,8	0,20	PHC FL666...
FL688	5,94	8 x 8	4,7	0,60	1,85	12,0	13,00	15,6	0,25	PHC FL688...
FL844	8,00	4 x 4	6,9	0,73	2,31	7,9	10,00	12,1	0,25	PHC FL844...
FL944	9,53	4 x 4	8,7	1,04	3,28	10,4	21,00	24,7	0,43	PHC FL944...
FL966	9,53	6 x 6	8,7	1,00	3,28	14,9	31,00	36,8	0,65	PHC FL966...
F122	12,70	2 x 2	8,2	1,00	3,58	7,0	11,43	13,6	0,19	PHC F122...
F1223	12,70	2 x 3	10,2	2,03	4,45	12,8	20,00	23,8	0,61	PHC F1223...
FL1244	12,70	4 x 4	10,2	1,70	4,45	16,7	44,00	52,3	0,83	PHC FL1244...
F19V-44	19,05	4 x 4	15,2	2,42	6,50	22,4	71,00	84,3	1,73	PHC F19V-44...
F19V-66	19,05	6 x 6	15,2	2,42	6,50	32,3	106,00	125,9	2,57	PHC F19V-66...
FLC534	15,88	3 x 4	12,7	1,85	5,08	15,3	40,40	44,4	0,99	PHC FLC534...
FLC545	15,88	4 x 5	12,7	1,85	5,08	19,2	54,30	59,7	1,27	PHC FLC545...
FLC556	15,88	5 x 6	12,7	1,85	5,08	22,7	67,60	74,3	1,54	PHC FLC556...
FLC1056	31,75	5 x 6	25,4	3,25	9,53	40,6	137,90	151,0	5,44	PHC FLC1056...
FLC1067	31,75	6 x 7	25,4	3,25	9,53	47,2	165,40	181,9	6,42	PHC FLC1067...
FLC1078	31,75	7 x 8	25,4	3,25	9,53	53,8	193,00	212,0	7,40	PHC FLC1078...



Leaf chains

12XX, 15XX, 19XX, 25XX



Chain No.	Pitch	Plate lacing	Plate height	Plate thickness	Pin diameter	Pin length	Chain length over 100 pitches +/- 0,25%	Ultimate tensile strength	Weight per meter	Designation
	P		h ₂ max	T max	d ₂ max	L max		Q min	q	
	mm		mm	mm	mm	mm		kN	kg/m	
1234	12,70	3 x 4	10,6	1,70	4,45	14,2	1262	31	0,75	PHC 1234...
1256	12,70	5 x 6	10,6	1,70	4,45	21,1	1262	53	1,17	PHC 1256...
1288	12,70	8 x 8	10,6	1,70	4,45	29,9	1262	85	1,70	PHC 1288...
1523	15,88	2 x 3	12,7	1,94	5,08	12,1	1580	29	0,75	PHC 1523...
1534	15,88	3 x 4	12,7	1,94	5,08	16,0	1580	46	1,04	PHC 1534...
1544	15,88	4 x 4	12,7	1,94	5,08	18,1	1580	58	1,18	PHC 1544...
1545	15,88	4 x 6	12,7	1,94	5,08	20,3	1580	58	1,33	PHC 1545...
1556	15,88	5 x 6	12,7	1,94	5,08	24,0	1580	72	1,63	PHC 1556...
1566	15,88	6 x 6	12,7	1,94	5,08	26,2	1580	87	1,77	PHC 1566...
1567	15,88	6 x 7	12,7	1,94	5,08	28,0	1580	90	1,91	PHC 1567...
1578	15,88	7 x 8	12,7	1,94	5,08	32,5	1580	101	2,20	PHC 1578...
1588	15,88	8 x 8	12,7	1,94	5,08	34,0	1580	115	2,34	PHC 1588...
1944	19,05	4 x 4	15,0	2,29	5,72	21,3	1891	73	1,58	PHC 1944...
1966	19,05	6 x 6	15,0	2,29	5,72	30,7	1891	110	2,37	PHC 1966...
1988	19,05	8 x 8	15,0	2,29	5,72	40,0	1891	140	3,13	PHC 1988...
2523	25,40	2 x 3	20,2	3,06	8,28	18,8	2532	72	1,83	PHC 2523...
2534	25,40	3 x 4	20,2	3,06	8,28	25,3	2532	108	2,55	PHC 2534...
2545	25,40	4 x 5	20,2	3,06	8,28	31,6	2532	144	3,26	PHC 2545...
2556	25,40	5 x 6	20,2	3,06	8,28	37,2	2532	180	3,96	PHC 2556...
2567	25,40	6 x 7	20,2	3,06	8,28	43,8	2532	216	4,68	PHC 2567...
2578	25,40	7 x 8	20,2	3,06	8,28	50,0	2532	252	5,39	PHC 2578...
2588	25,40	8 x 8	20,2	3,06	8,28	52,8	2532	290	5,77	PHC 2588...