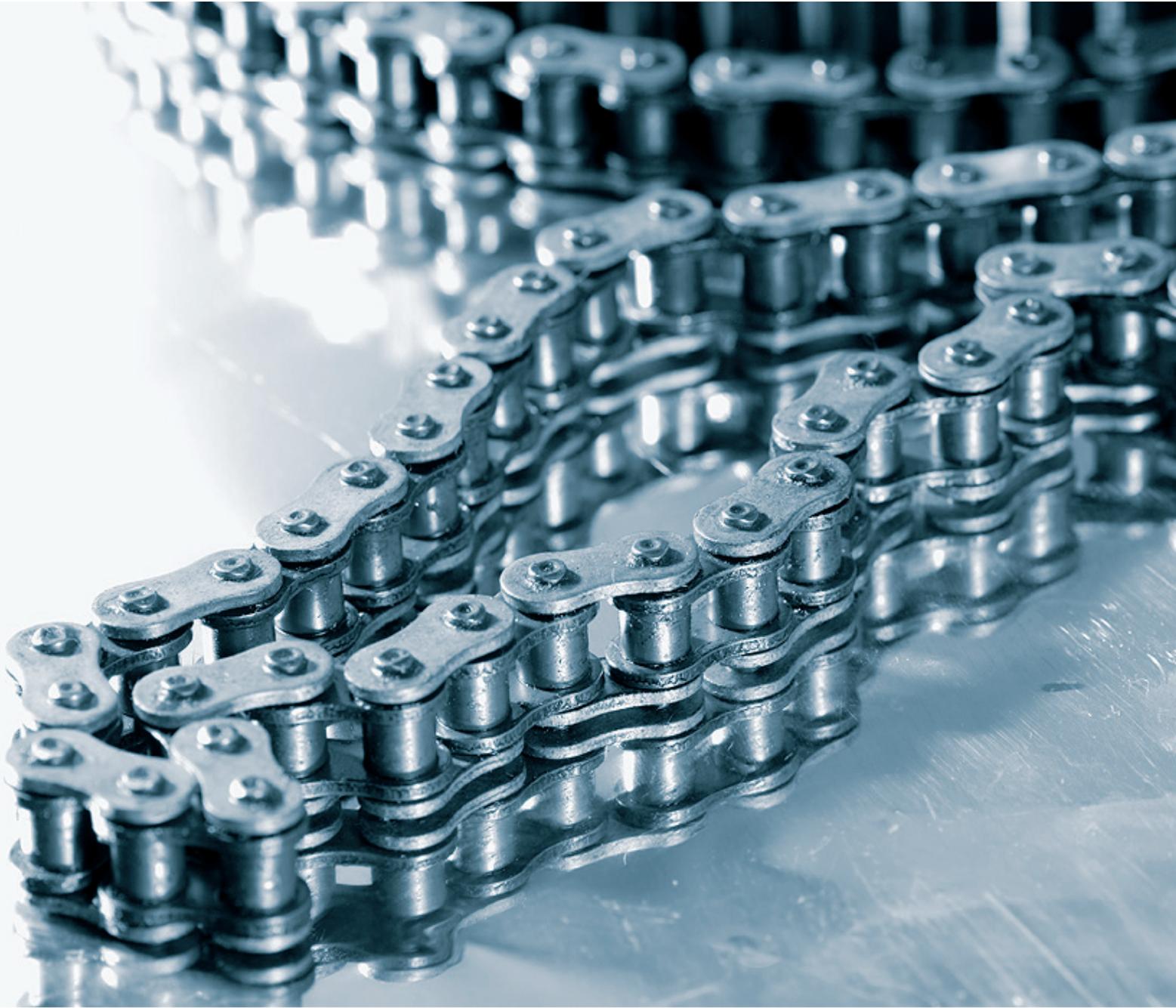


SKF Agriculture chains



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Standards and compliance

SKF chains are manufactured in state of the art facilities with tight quality controls. All products conform to ISO standards and other industrial standards like ANSI, BS, DIN and JIS. SKF Oil Field Chains are American Petroleum Institute (API) approved and each box carries the API monogram. SKF automotive chains meets the ISO/TS16949 Quality Assurance System technical specification. This specification aligns American (QS-9000), German (VDA6.1), French (EAQF) and the Italian (AVSQ) automotive quality system standards within the global automotive industry.

All SKF chains, with the exception of stainless steel, can accommodate temperatures from -20 to 150 °C. Stainless steel chains have a temperature range of -20 to 400 °C. For temperatures exceeding above mentioned values, alternative lubricants should be used. Note: For temperatures above 200 °C and below -20 °C, breaking load values are reduced. Apart from stainless steel chains also other anti-corrosion treatments and special coatings are readily available upon request.



Raw material

The raw materials used to manufacture each component of the chain must meet very stringent specifications. As a result, there are very tight controls over all incoming materials. These controls range from carefully selecting the steel mills to regular material audits. Every shipment of raw material must include a laboratory report certifying the material composition of the steel. In addition, samples are thoroughly tested to confirm that the steel meets all specifications.

After stringent inspections, the steel undergoes the pre-production process, which starts with annealing. Annealing softens and relieves any stresses in the steel. From there, the material goes through a multi-stage rolling process to provide a consistent plate thickness. Other pre-production steps depend on the type of material and how the material will be used.



Continuous rolling machine to achieve uniform thickness of plate material

SKF Agricultural chains

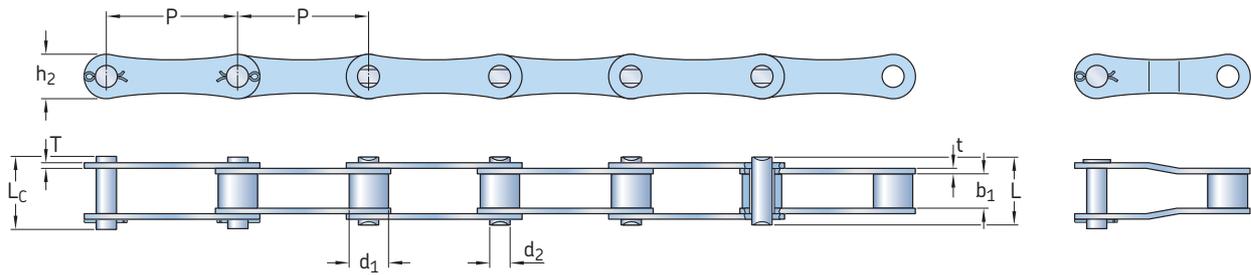
The SKF agricultural range of chains are used extensively in the general agricultural industry for either light duty drive chains, or with a range of optional attachments, (typically K and A types) are used for conveyor drives and elevators.

Applications may include combined harvesters, grain elevators, grading machines, balers, amongst others. They may also be used on light duty elevator applications.

The SKF series interchanges with the industry standards in use today. Special treatments such as zinc plating are available on request.



S Type Steel Agricultural Roller Chains (standard series)



SKF Chain number	Dimensions Pitch		Roller diameter	Width between inner plates	Pin diameter	Pin length	Connecting link	Inner plate height	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter	Designation	
	P													d_1 max
–	mm	inch	mm							kN		kg/m	–	
S32	29,21	1,15	11,43	15,88	4,45	26,7	28,8	13,2	1,8	1,8	8,0	21,6	0,86	PHC S32X...
S42	34,93	1,38	14,27	19,05	7,00	34,3	37,0	19,8	2,8	2,8	27,0	50,8	1,6	PHC S42X...
S45	41,40	1,63	15,24	22,23	5,72	37,7	40,4	17,3	2,8	2,8	18,0	36,1	1,66	PHC S45X...
S52	38,10	1,50	15,24	22,23	5,72	37,7	40,4	17,3	2,8	2,8	18,0	36,1	1,68	PHC S52X...
S55	41,40	1,63	17,78	22,23	5,72	37,7	40,4	17,3	2,8	2,8	18,0	36,1	1,8	PHC S55X...
S62	41,91	1,65	19,05	26,20	5,72	40,3	43,0	17,3	2,5	2,5	26,7	36,1	1,87	PHC S62X...
S77	58,34	2,30	18,26	22,23	8,90	43,2	46,4	26,2	4,0	4,0	45,0	73,1	2,66	PHC S77X...
S88	66,27	2,61	22,86	28,58	8,90	49,8	53,0	26,2	4,0	4,0	45,0	73,1	3,25	PHC S88X...

SKF American standard chains

American standard chains are covered by ISO 606, ANSI B29.1 and DIN 8188 standards.

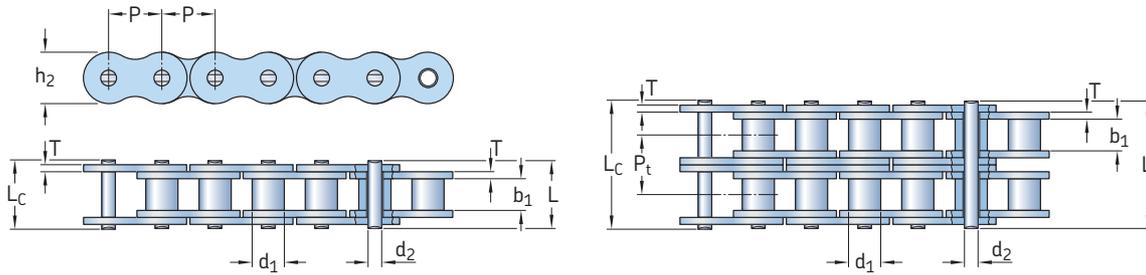
The pitch sizes covered by this standard are 1/4 to 3 inch. American standard chains have a smaller pin diameter than the European standard equivalent. Wear resistance is therefore reduced when compared with the European standard chains. One exception is the 5/8 inch pitch, as in this case the pin and bushing diameters are larger than the European equivalent.

American standard chains are normally referred to under the ANSI standard numbering system, for example a 1/2 inch pitch duplex (double strand) chain would be ANSI 40-2.

The ANSI numbering system works as follows: The first number is the pitch size in 1/8 inch, i.e. $4/8 = 1/2$ inch pitch. The second number refers to the chain being a roller chain, i.e. 0 = roller chain. A number 5 replacing the 0 would indicate a bushing chain and number 1 indicates a narrower series. The suffix, as with European standard chain, refers to the number of strands in the chain, that is in this case 2 = duplex (double strand) chain.

Table 1

American Standard chains



ANSI Chain number	BS/ISO Chain number	Dimensions										Ultimate tensile strength	Average tensile strength	Weight per meter	Designation
		Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length	Connecting link	Pin length cottered	Inner plate height	Plate thickness	Transverse pitch				
		P	d ₁ max	b ₁ max	d ₂ max	L max	L _c max	L _c max	h ₂ max	T max	P _t	Q min	Q ₀	q	
		mm										kN	kg/m	-	
15-1*	03C*	4,7625	2,48	2,38	1,62	6,10	6,90	-	4,30	0,60	-	1,8	2	0,08	PHC 15-1...
25-1*	04C-1*	6,350	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*	9,525	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	12,700	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	12,700	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	15,875	10,16	9,40	5,08	20,70	22,20	23,30	15,09	2,03	-	22,2	29,4	1,02	PHC 50-1...
60-1	12A-1	19,050	11,91	12,57	5,94	25,90	27,70	28,30	18,00	2,42	-	31,8	41,5	1,50	PHC 60-1...
80-1	16A-1	25,400	15,88	15,75	7,92	32,70	35,00	36,50	24,00	3,25	-	56,7	69,4	2,60	PHC 80-1...
100-1	20A-1	31,750	19,05	18,90	9,53	40,40	44,70	44,70	30,00	4,00	-	88,5	109,2	3,91	PHC 100-1...
120-1	24A-1	38,100	22,23	25,22	11,10	50,30	54,30	54,30	35,70	4,80	-	127,0	156,3	5,62	PHC 120-1...
140-1	28A-1	44,450	25,40	25,22	12,70	54,40	59,00	59,00	41,00	5,60	-	172,4	212,0	7,50	PHC 140-1...
160-1	32A-1	50,800	28,58	31,55	14,27	64,80	69,60	69,60	47,80	6,40	-	226,8	278,9	10,10	PHC 160-1...
180-1	36A-1	57,150	35,71	35,48	17,46	72,80	78,60	78,60	53,60	7,20	-	280,2	341,8	13,45	PHC 180-1...
200-1	40A-1	63,500	39,68	37,85	19,85	80,30	87,20	87,20	60,00	8,00	-	353,8	431,6	16,15	PHC 200-1...
240-1	48A-1	76,200	47,63	47,35	23,81	95,50	103,00	103,00	72,39	9,50	-	510,3	622,5	23,20	PHC 240-1...
25-2*	04C-2*	6,350	3,30	3,18	2,31	14,5	15,0	-	6,00	0,80	6,40	7,0	8,6	0,28	PHC 25-2...
35-2*	06C-2*	9,525	5,08	4,77	3,58	22,5	23,3	-	9,00	1,30	10,13	15,8	19,7	0,63	PHC 35-2...
41-2	085-2	12,700	7,77	6,25	3,58	25,7	26,9	-	9,91	1,30	11,95	13,3	16,9	0,81	PHC 41-2...
40-2	08A-2	12,700	7,95	7,85	3,96	31,0	32,2	-	12,00	1,50	14,38	28,2	35,9	1,12	PHC 40-2...
50-2	10A-2	15,875	10,16	9,40	5,08	38,9	40,4	41,2	15,09	2,03	18,11	44,4	58,1	2,00	PHC 50-2...
60-2	12A-2	19,050	11,91	12,57	5,94	48,8	50,5	51,1	18,00	2,42	22,78	63,6	82,1	2,92	PHC 60-2...
80-2	16A-2	25,400	15,88	15,75	7,92	62,7	64,3	65,8	24,00	3,25	29,29	113,4	141,8	5,15	PHC 80-2...
100-2	20A-2	31,750	19,05	18,90	9,53	76,4	80,5	80,5	30,00	4,00	35,76	177,0	219,4	7,80	PHC 100-2...
120-2	24A-2	38,100	22,23	25,22	11,10	95,8	99,7	99,7	35,70	4,80	45,44	254,0	314,9	11,70	PHC 120-2...
140-2	28A-2	44,450	25,40	25,22	12,70	103,3	107,9	107,9	41,00	5,60	48,87	344,8	427,5	15,14	PHC 140-2...
160-2	32A-2	50,800	28,58	31,55	14,27	123,3	128,1	128,1	47,80	6,40	58,55	453,6	562,4	20,14	PHC 160-2...
180-2	36A-2	57,150	35,71	35,48	17,46	138,6	144,4	144,4	53,60	7,20	65,84	560,5	695,0	29,22	PHC 180-2...
200-2	40A-2	63,500	39,68	37,85	19,85	151,9	158,8	158,8	60,00	8,00	71,55	707,6	877,4	32,24	PHC 200-2...
240-2	48A-2	76,200	47,63	47,35	23,81	183,4	190,8	190,8	72,39	9,50	87,83	1020,6	1255,3	45,23	PHC 240-2...
25-3*	04C-3*	6,350	3,30	3,18	2,31	21,0	21,5	-	6,00	0,80	6,40	10,5	12,6	0,44	PHC 25-3...
35-3*	06C-3*	9,525	5,08	4,77	3,58	32,7	33,5	-	9,00	1,30	10,13	23,7	28,6	1,05	PHC 35-3...
40-3	08A-3	12,700	7,95	7,85	3,96	45,4	46,6	-	12,00	1,50	14,38	42,3	50,0	1,90	PHC 40-3...
50-3	10A-3	15,875	10,16	9,40	5,08	57,0	58,5	59,3	15,09	2,03	18,11	66,6	77,8	3,09	PHC 50-3...
60-3	12A-3	19,050	11,91	12,57	5,94	71,5	73,3	73,9	18,00	2,42	22,78	95,4	111,1	4,54	PHC 60-3...
80-3	16A-3	25,400	15,88	15,75	7,92	91,7	93,6	95,1	24,00	3,25	29,29	170,1	198,4	7,89	PHC 80-3...
100-3	20A-3	31,750	19,05	18,90	9,53	112,2	116,3	116,3	30,00	4,00	35,76	265,5	309,6	11,77	PHC 100-3...
120-3	24A-3	38,100	22,23	25,22	11,10	141,4	145,2	145,2	35,70	4,80	45,44	381,0	437,2	17,53	PHC 120-3...
140-3	28A-3	44,450	25,40	25,22	12,70	152,2	156,8	156,8	41,00	5,60	48,87	517,2	593,3	22,20	PHC 140-3...
160-3	32A-3	50,800	28,58	31,55	14,27	181,8	186,6	186,6	47,80	6,40	58,55	680,4	780,6	30,02	PHC 160-3...
180-3	36A-3	57,150	35,71	35,48	17,46	204,4	210,2	210,2	53,60	7,20	65,84	840,7	983,6	38,22	PHC 180-3...
200-3	40A-3	63,500	39,68	37,85	19,85	223,5	230,4	230,4	60,00	8,00	71,55	1061,4	1217,8	49,03	PHC 200-3...
240-3	48A-3	76,200	47,63	47,35	23,81	271,3	278,6	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.
 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.
 For cottered, add a "C" after the number of strands. For example, 140-1 with a cottered pin is designated PHC 140-1C.

SKF BS European standard chains

Chains manufactured to the BS standards are covered by ISO606, BS228 and DIN 8187.

The pitch sizes covered by this standard are 6 mm (*0,236 inch*) to 114,3 mm (*4,500 inch*). They are characterised by a larger pin diameter than the ANSI chain. This results in better wear resistance due to a larger load bearing area.

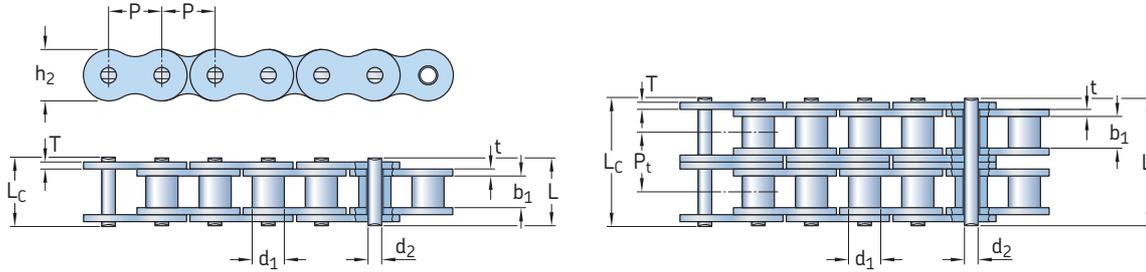
The BS chain numbering system works as follows, i.e. $\frac{1}{2}$ inch pitch duplex (double strand) chain would be 08B-2. The first two digits are the pitch size in $\frac{1}{16}$ of an inch, therefore 08 = $\frac{8}{16}$ or $\frac{1}{2}$ inch. The letter B indicates the European standard.

The suffix 2 indicates the number of strands in the chain, in this case a duplex (double strand) chain.

BS chains resemble ASME/ANSI standard chains and are identical in pitch, however, there are other significant dimensional differences which distinguish them from ASME/ANSI standard chains.

Table 1

BS European standard chains



BS/ISO Chain number	Dimensions					Connect- ing link	Inner plate height	Plate thickness		Trans- verse pitch	Ultimate tensile strength	Average tensile strength	Weight per meter	Designation
	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length			t max	T max					
	P	d ₁ max	b ₁ min	d ₂ max	L max	L _c max	h ₂ max	t max	T max	P _t	Q min	Q ₀	q	
	mm										kN	kg/m	-	
04B-1	6,000	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	8,000	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*	9,525	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	12,700	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	15,875	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	19,050	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	25,400	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	31,750	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	38,100	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	44,450	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	50,800	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	63,500	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	76,200	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	88,900	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	101,600	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	114,300	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	8,000	5,00	3,00	2,31	13,9	14,5	7,10	0,80	0,80	5,64	7,8	10,2	0,33	PHC 05B-2...
06B-2*	9,525	6,35	5,72	3,28	23,4	24,4	8,20	1,30	1,30	10,24	16,9	18,7	0,77	PHC 06B-2...
08B-2	12,700	8,51	7,75	4,45	31,2	32,2	11,80	1,60	1,60	13,92	32,0	38,7	1,34	PHC 08B-2...
10B-2	15,875	10,16	9,65	5,08	36,1	37,5	14,70	1,70	1,70	16,59	44,5	56,2	1,84	PHC 10B-2...
12B-2	19,050	12,07	11,68	5,72	42,0	43,6	16,00	1,85	1,85	19,46	57,8	66,1	2,31	PHC 12B-2...
16B-2	25,400	15,88	17,02	8,28	68,0	69,3	21,00	4,15	3,10	31,88	106,0	133,0	5,42	PHC 16B-2...
20B-2	31,750	19,05	19,56	10,19	77,8	81,5	26,40	4,50	3,50	36,45	170,0	211,2	7,20	PHC 20B-2...
24B-2	38,100	25,40	25,40	14,63	101,7	106,2	33,20	6,00	4,80	48,36	280,0	319,2	13,40	PHC 24B-2...
28B-2	44,450	27,94	30,99	15,90	124,6	129,1	36,70	7,50	6,00	59,56	360,0	406,8	16,60	PHC 28B-2...
32B-2	50,800	29,21	30,99	17,81	124,6	129,6	42,00	7,00	6,00	58,55	450,0	508,5	21,00	PHC 32B-2...
40B-2	63,500	39,37	38,10	22,89	154,5	161,5	52,96	8,50	8,00	72,29	630,0	711,9	32,00	PHC 40B-2...
48B-2	76,200	48,26	45,72	29,24	190,4	198,2	63,80	12,00	10,00	91,21	1000,0	1130,0	50,00	PHC 48B-2...
56B-2	88,900	53,98	53,34	34,32	221,2	229,6	77,80	13,50	12,00	106,6	1600,0	1760,0	71,48	PHC 56B-2...
64B-2	101,600	63,50	60,96	39,40	249,9	258,4	90,17	15,00	13,00	119,89	2000,0	2200,0	91,00	PHC 64B-2...
72B-2	114,300	72,39	68,58	44,48	283,7	292,7	103,60	17,00	15,00	136,27	2500,0	2750,0	120,40	PHC 72B-2...
05B-3	8,000	5,00	3,00	2,31	19,5	20,2	7,10	0,80	0,80	5,64	11,1	13,8	0,48	PHC 05B-3...
06B-3*	9,525	6,35	5,72	3,28	33,5	34,6	8,20	1,30	1,30	10,24	24,9	30,1	1,16	PHC 06B-3...
08B-3	12,700	8,51	7,75	4,45	45,1	46,1	11,80	1,60	1,60	13,92	47,5	57,8	2,03	PHC 08B-3...
10B-3	15,875	10,16	9,65	5,08	52,7	54,1	14,70	1,70	1,70	16,59	66,7	84,5	2,77	PHC 10B-3...
12B-3	19,050	12,07	11,68	5,72	61,5	63,1	16,00	1,85	1,85	19,46	86,7	101,8	3,46	PHC 12B-3...
16B-3	25,400	15,88	17,02	8,28	99,8	101,2	21,00	4,15	3,10	31,88	160,0	203,7	8,13	PHC 16B-3...
20B-3	31,750	19,05	19,56	10,19	114,2	117,9	26,40	4,50	3,50	36,45	250,0	290,0	10,82	PHC 20B-3...
24B-3	38,100	25,40	25,40	14,63	150,1	154,6	33,20	6,00	4,80	48,36	425,0	493,0	20,10	PHC 24B-3...
28B-3	44,450	27,94	30,99	15,90	184,2	188,7	36,70	7,50	6,00	59,56	530,0	609,5	24,92	PHC 28B-3...
32B-3	50,800	29,21	30,99	17,81	183,2	188,2	42,00	7,00	6,00	58,55	670,0	770,5	31,56	PHC 32B-3...
40B-3	63,500	39,37	38,10	22,89	226,8	233,8	52,96	8,50	8,00	72,29	950,0	1092,5	48,10	PHC 40B-3...
48B-3	76,200	48,26	45,72	29,24	281,6	289,4	63,80	12,00	10,00	91,21	1500,0	1710,0	75,00	PHC 48B-3...
56B-3	88,900	53,98	53,34	34,32	327,8	336,2	77,80	13,50	12,00	106,6	2240,0	2240,0	107,18	PHC 56B-3...
64B-3	101,600	63,50	60,96	39,40	369,8	378,3	90,17	15,00	13,00	119,89	3000,0	3300,0	136,00	PHC 64B-3...
72B-3	114,300	72,39	68,58	44,48	420,0	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.

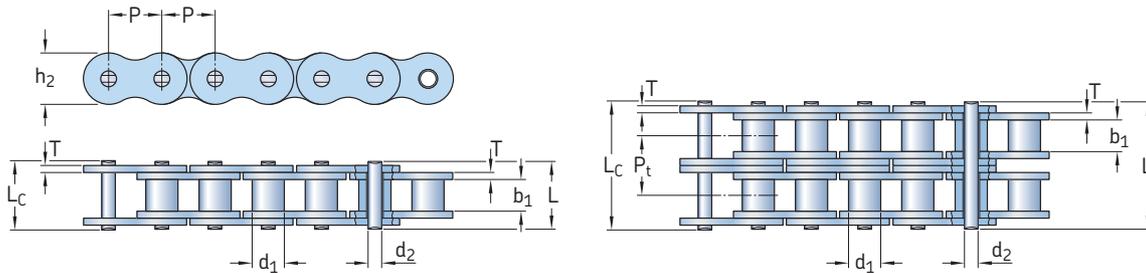
For links, add "C/L" for "connecting" and "O/L" for "offset" to the designation.

SKF Xtra Strength H and BH chains

SKF Xtra Strength H and BH chains differ from the respective ANSI and BS/DIN chains slightly, due to using the plate thickness of the next larger size of ANSI roller chains. Therefore, H and BH series chains can accommodate approximately 10% higher shock loads. The ultimate tensile strength will be the same as a standard ANSI chain. SKF Xtra Strength H and BH chains are well suited for applications where shock loads are higher, operating speeds are lower or there are other severe operating conditions.

Table 1

SKF Xtra Strength H & BH Chains



ANSI Chain number	BS/ISO Chain number	Dimensions					Con-necting link	Pin length cottered	Inner plate height	Plate thick-ness	Transv. pitch	Ultimate tensile strength	Average tensile strength	Weight per meter	Designation
		Pitch	Roller diam-eter	Width between inner plates	Pin diam-eter	Pin length									
		P	d ₁ max	b ₁ min	d ₂ max	L max	L _c max	L _c max	h ₂ max	T max	P _t	Q min	Q ₀	q	
		mm										kN		kg/m	-
35H-1*	-	9,525	5,08	4,77	3,58	13,3	14,3	-	9,0	1,50	-	7,9	10,8	0,41	PHC 35H-1...
40H-1	08AH-1	12,700	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	15,875	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	19,050	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	25,400	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	31,750	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	38,100	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	44,450	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	50,800	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	57,150	35,71	35,48	17,46	75,9	81,6	-	53,60	8,0	-	281,0	341,8	14,83	PHC 180H-1...
200H-1	40AH-1	63,500	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	76,200	47,63	47,35	23,81	109,6	115,9	-	72,30	12,70	-	510,3	622,5	30,4	PHC 240H-1...
60H-2	12AH-2	19,050	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	25,400	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	31,750	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	38,100	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	44,450	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	50,800	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	63,500	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	19,050	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	25,400	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	31,750	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	38,100	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	44,450	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	50,800	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	63,500	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

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.

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

For heavy duty multistrand chain drives, special sprockets are needed due to differences in transverse pitch.

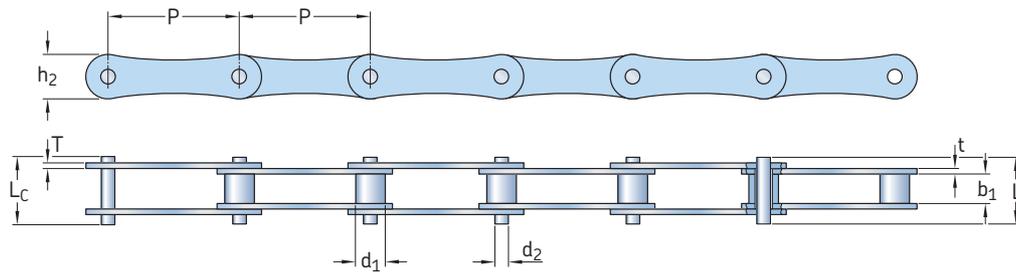
SKF Double Pitch Roller Chains

SKF Double Pitch Roller Chains are produced in accordance with the ASME/ANSI B29.3 (transmission series) and B29.4 (conveyor series) American roller chain standards. In general, these chains are dimensionally similar to ASME/ANSI standard products except that the pitch is double. They are available in the transmission and conveyor series with standard sized rollers, and additionally with large (over-size) rollers in the conveyor series. These chains are an economical choice for low speeds, moderate loads, and long centre distance drive applications including a variety of conveyor systems and material handling equipment.



SKF Double Pitch Roller Chains used in agricultural applications

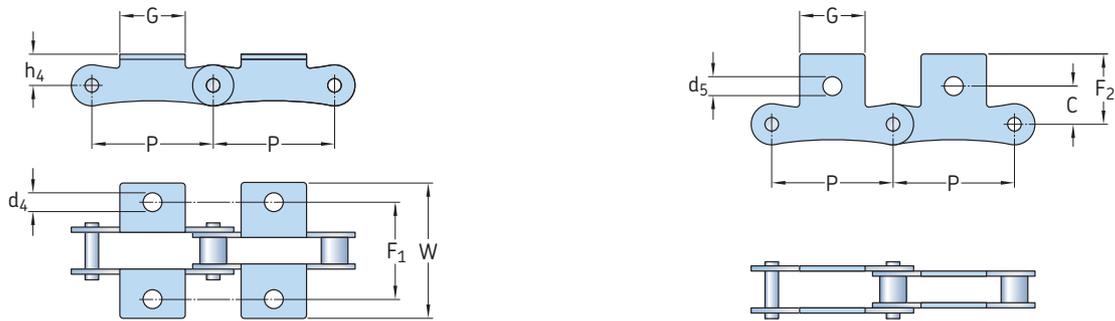
Double Pitch Roller Chains



ANSI Chain number	BS/ISO Chain number	Dimensions										Ultimate tensile strength	Average tensile strength	Weight per meter	Designation
		Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length	Con-necting link	Inner plate height	Plate thickness						
		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									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.

Transmission attachments



ANSI Chain number	BS/ISO Chain number										Designation
		P	G	F ₁	W	h ₄	d ₄	C	F ₂	d ₅	
–	–	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, add SS after the chain number. For example: PHC 2060SS-L1K1X10FT.
 For links, add "C/L" for "connecting" and "O/L" for "offset" to the designation.

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