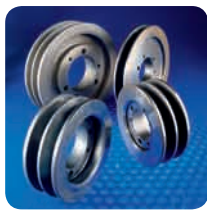
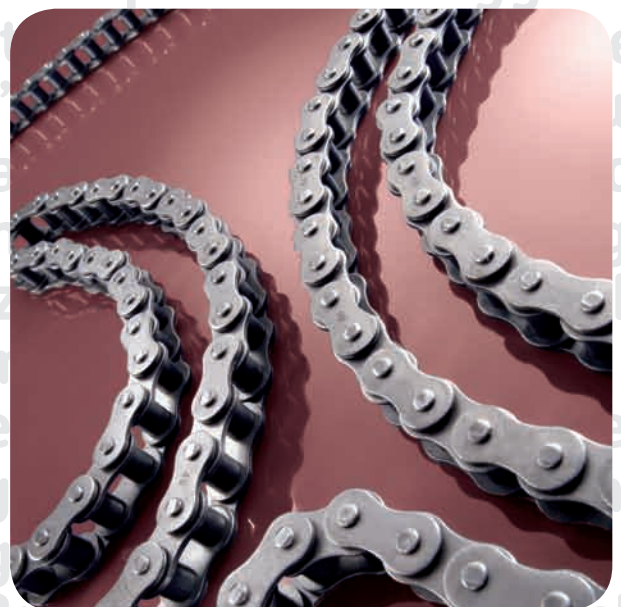


Prodotti SKF per la trasmissione di potenza



Catene



Dacrotised chains

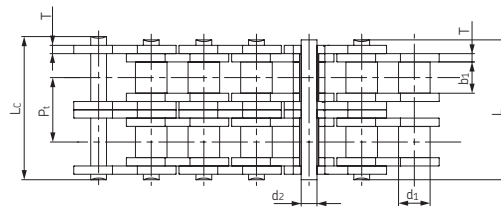
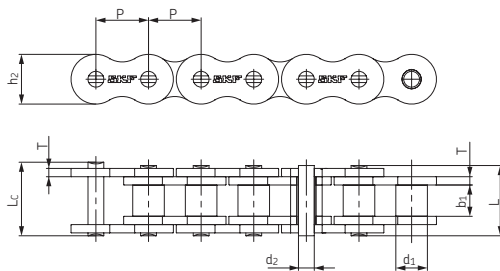
Dacrotising is a process of metal coating. The compositions are proprietary water based coating dispersions containing metal oxides, metallic zinc and aluminium flakes. The zinc and aluminium platelets align themselves in multiple layers forming a metallic silver gray coating. Overlapping zinc and aluminium flakes provide an excellent barrier of protection and the zinc corrodes to protect the steel. Due to the concentration of aluminum within the coating, good bi-metallic corrosion resistance with aluminum is accomplished. Damaged areas in the coating will fill with zinc oxides and carbonates and emerge as self repaired. The dacrotising process can be applied to numerous types of chains (Please contact SKF for specific requirements or types of chains).



Dacrotised chains used in a fish processing plant

Application

These chains are suitable for extreme corrosive resistant environments without loss of strength.



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 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	kN	kg/m	—
25-1*	6,350	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*	9,525	5,08	4,77	3,58	12,40	13,17	9,00	1,30	1,30	7,9	0,33	PHC 35-1...
41-1	12,700	7,77	6,25	3,58	13,75	15,00	9,91	1,30	1,30	6,7	0,41	PHC 41-1...
40-1	12,700	7,95	7,85	3,96	16,60	17,80	12,00	1,50	1,50	14,1	0,62	PHC 40-1...
50-1	15,875	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	19,050	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	25,400	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	31,750	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	38,100	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	44,450	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	50,800	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	6,000	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	8,000	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^	9,525	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	12,700	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	15,875	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	19,050	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	25,400	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	31,750	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	38,100	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	44,450	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	50,800	29,21	30,99	17,81	66,00	71,00	42,00	7,00	6,00	250,0	10,25	PHC 32B-1 ...

Plated chains are available dacrotising, or 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, high/low temperature conditions (-20 to 400 °C) and in highly corrosive environments.

* 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.