

Agricultural Roller Chains



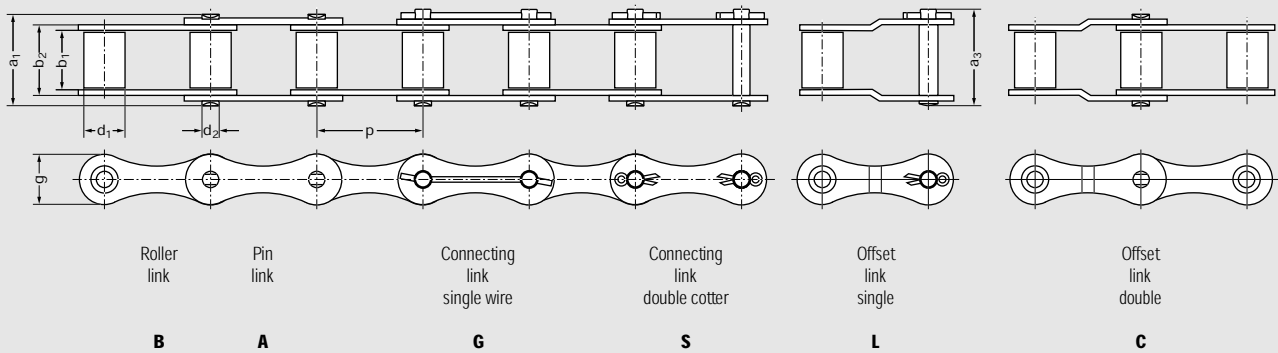
*Reliable and Fatigue Resistant -
Even in Rough Applications*

For double-pitch roller chains as well as for chains of the agricultural series (S-series) we can offer a far reaching programme of standard and special carriers and attachments.

See our Agricultural Chain catalogue.

- V ≙ Reinforced.
- Offset link wire.
- Connecting pin.
- 1) Chains with straight link plates.
- △ Also available as bush HL 728 resp. HL 738 (bush \varnothing 10,2 mm)

Agricultural Roller Chains, ISO 487 / DIN 8189



Chain No.	Pitch p		Roller Width b ₁ min. mm	Roller Diameter d ₁ max. mm	Pin Diameter d ₂ max. mm	Inner Width b ₂ max. mm	Linkplate Height g max. mm	Pin Width a ₁ max. mm	Overall Width a ₃ max. mm	Bearing Area A cm ²	Required *) Ultimate Strength min. F _B N	Weight ≈ q kg/m	Loose Parts		
	inch	mm											S	C	L
S 32 V	1,15	29,21	15,88	11,43	4,45	20,19	12,3	26,3	29,6	0,90	18 000	0,82	x		x
S 42 V	1,375	34,93	19,05	14,27	7,0	25,4	17,5	33,9	38,5	1,78	33 500	1,49	x		x
S 45	1,63	41,4	22,23	15,24	5,72	28,58	16,8	37,4	40,6	1,63	25 000	1,55	x	x	x
S 45 V	1,63	41,4	22,23	15,24	5,72	28,58	16,8	37,4	40,6	1,63	33 500	1,55	x	x	x
S 52	1,50	38,1	22,23	15,24	5,72	28,58	16,8	37,4	40,6	1,63	25 000	1,72	x	x	x
S 52 V	1,50	38,1	22,23	15,24	5,72	28,58	16,8	37,4	40,6	1,63	33 500	1,72	x	x	x
S 55	1,63	41,4	22,23	17,78	5,72	28,58	16,8	37,4	40,6	1,63	25 000	1,80	x	x	x
S 55 V	1,63	41,4	22,23	17,78	5,72	28,58	16,8	37,4	40,6	1,63	33 500	1,80	x	x	x
S 62	1,65	41,91	25,4	19,05	5,72	31,8	16,7	39,9	43,8	1,82	28 000	1,95	x		x
S 77	2,30	58,34	22,23	18,26	8,9	31,17	24,6	43,5	49,2	2,77	45 000	2,35	x		x
S 88	2,60	66,27	28,58	22,86	8,9	37,52	24,6	49,9	55,0	3,34	45 000	2,78	x		x

*) On request, we shall advise the effective higher Rexnord breaking load values and fatigue resistance values.

Agricultural Roller Chains, Industry Standard

Chain No.	Pitch p		Roller Width b_1 min. mm	Roller Diameter d_1 max. mm	Pin Diameter d_2 max. mm	Inner Width b_2 max. mm	Linkplate Height g max. mm	Pin Width a_1 max. mm	Overall Width a_3 max. mm	Bearing Area A cm ²	Required *) Ultimate Strength min. F_B N	Weight $\approx q$ kg/m	Loose Parts			
	inch	mm											S	C	L	
SK 627	1,18	30,0	19,0	15,88	8,28	25,4	20,5	35,4	39,0	2,1	45 000	2,42	x			
RL 726	1,50	38,1	16,0	15,24	5,72	21,07	16,8	29,3	33,8	1,20	33 500	1,32	x			
RL 728 ¹⁾ Δ	1,50	38,4	18,5	15,88	6,92	24,2	17,0	32,6	36,5	1,67	25 000	1,67	x	x	x	\square
RL 738 ¹⁾ Δ	1,50	38,4	18,5	15,88	6,92	24,2	17,0	32,6	36,5	1,67	31 500	1,67	x	x	x	\square
SK 717 ¹⁾	1,50	38,4	19,0	15,88	8,28	25,4	20,0	35,4	39,0	2,1	45 000	2,10	x	x	x	\square
RL 753	1,63	41,4	20,5	15,88	7,97	27,0	19,7	37,0	41,6	2,15	42 500	1,75	x	x	x	
RL 764	1,63	41,4	22,23	17,78	8,28	28,58	19,7	38,9	42,8	2,36	47 500	2,03	x		x	
RL 765	1,63	41,4	20,0	15,88	8,28	28,58	20,0	38,9	44,8	2,36	60 000	1,91	x	x	x	
RL 766 ¹⁾	1,63	41,4	22,23	15,88	8,28	31,0	20,2	41,4	44,6	2,56	60 000	2,40				\circ
RL 774	1,63	41,4	19,5	16,66	7,16	26,0	19,5	35,4	39,7	1,86	47 500	2,00	x		x	
SK 838	2,00	50,8	19,0	19,05	9,53	27,4	25,7	39,4	-	2,61	90 000	2,60	G			

Agricultural Roller Chains with Thermoplastic Bearings

Chain No.	Pitch p		Roller Width b_1 min. mm	Roller Diameter d_1 max. mm	Pin Diameter d_2 max. mm	Inner Width b_2 max. mm	Linkplate Height g max. mm	Pin Width a_1 max. mm	Overall Width a_3 max. mm	Bearing Area A cm ²	Required *) Ultimate Strength min. F_B N	Weight $\approx q$ kg/m	Loose Parts		
	inch	mm											S	C	L
RLK 728 ¹⁾ Δ	1,50	38,4	18,5	15,88	6,92	24,2	17,2	32,6	35,8	1,67	23 600	1,63	x	x	x
RLK 744	1,63	41,4	22,23	17,78	5,72	28,58	17,2	36,7	39,8	1,63	25 000	1,77	x		x
RLK 753	1,63	41,4	20,5	16,0	7,97	27,0	20,0	37,0	40,8	2,15	35 500	1,70	x	x	x

*) Breaking load is only a static value. Since almost every drive will be dynamically loaded, on request, we shall advise the effective higher Rexnord breaking load values as well as our effective fatigue resistance values.