



High Performance from Rexnord

RexPro Roller chains | European type



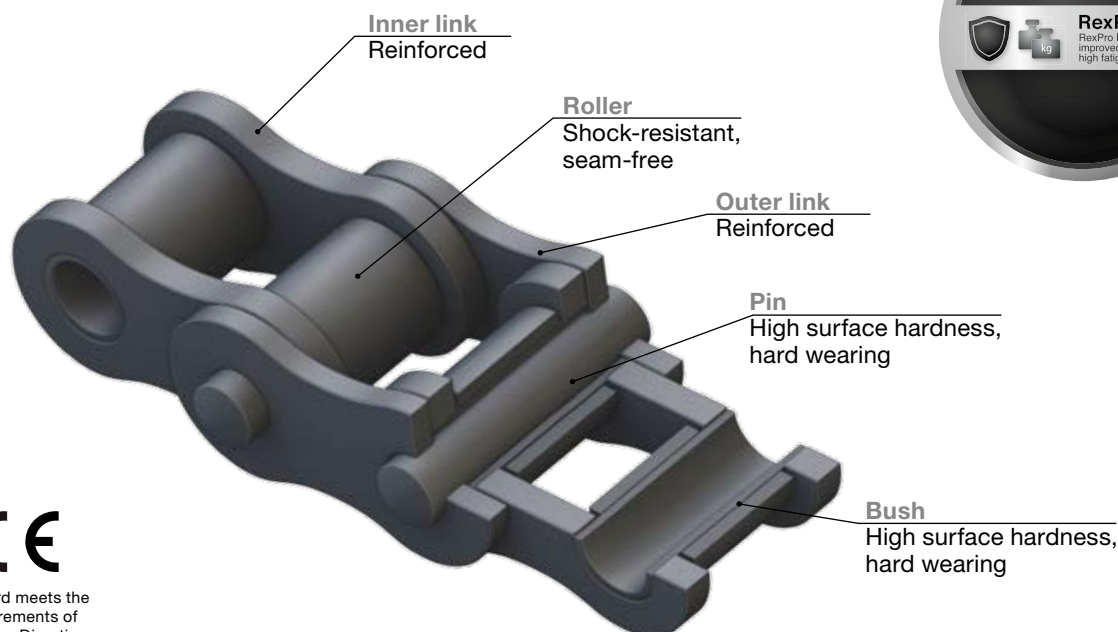


RexPro
RexPro lubrication
improved wear resistance
high fatigue resistance



Roller chains - European type

High Performance from Rexnord.



Rexnord meets the
requirements of
Machine Directive
2006/42/EC

APPLICATIONS

- Automotive, textile and steel industry, bottling and beverage plants, agricultural machinery, construction machinery
- Food and confectionery industry, packing industry, conveyor engineering
- Pharmaceutical industry, paper and wood processing, machine and plant manufacturers

CHARACTERISTICS

- High fatigue resistance
- Improved wear resistance
- Outstanding corrosion protection
- Very environmentally friendly
- Manufactured from high-performance materials
- Ball-drifted plate holes
- Seam-free rollers
- Shot-peened pins, plates, bushes and rollers
- Delivered adjusted and torsion-free on request
- NSF H2 certification, RoHS:2005 compliant

ADVANTAGES

- Minimal bedding-in elongation
- Longer working life
- Very high impact strength
- Very robust under the toughest conditions
- Maximum operating reliability
- Improved cost-effectiveness

LUBRICATION

- RexPro lubrication without heavy metals for improved protection
- Operating temperature: -30° C to +130° C (can be extended from -40° C to +250° C)
- Very good surface adhesion; remains drip resistant even at high temperatures
- No heavy metals, Teflon- and silicone-free

RexPro - High performance from Rexnord



Excellent Corrosion Protection

- 8 - 10 times better than the best competitors
- More than 100 % better in the buckling test
- Highly versatile, also suitable for aggressive environments



Improved Wear Resistance

- 8 - 12 % improvement in comparison to predecessor
- Great protection through RexPro lubrication
- Long working life
- High operating reliability



High Fatigue Resistance

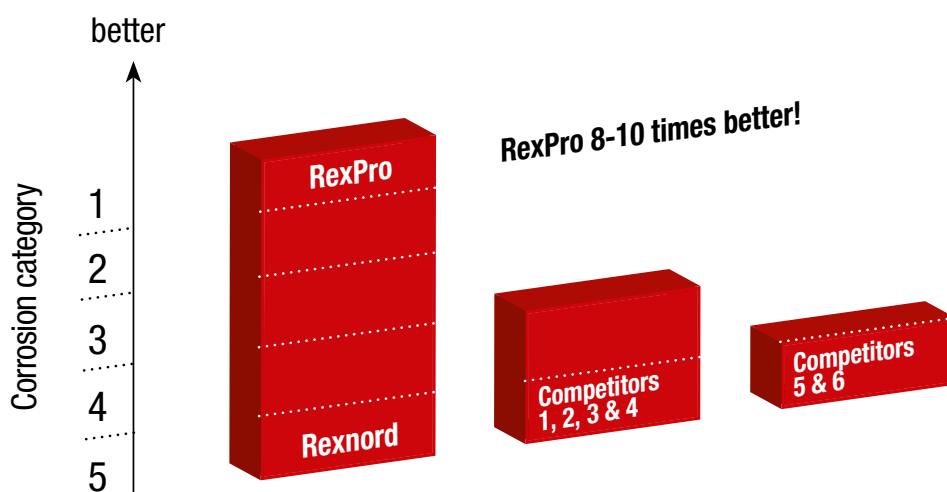
- Ball-drifted plate holes
- Shot-peened chain links, seam-free rollers
- High pre-loading



Eco friendly

- Through RexPro lubrication
- No heavy metals; Teflon- and silicone-free
- Environmental management system conforms to DIN EN ISO 14001

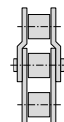
Salt spray test in accordance with DIN EN ISO 9227



Rexnord meets the requirements of Machine Directive 2006/42/EC

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Simplex roller chains



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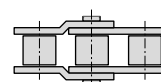
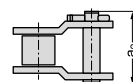
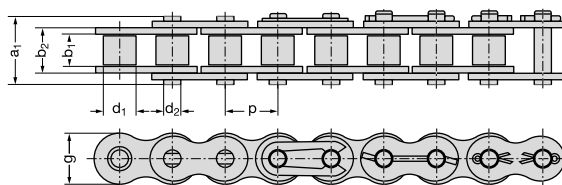


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Simplex roller chains, ISO 606 / DIN 8187

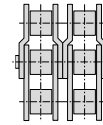
Chain No.	Pitch		Width between inner plates	Roller diameter	Pin diameter	Width over inner link	Plate depth	Pin length	Connecting pin length	Bearing area	Required minimum tensile strength DIN/ISO	Average tensile strength	Weight	Loose parts						
	Inch	mm												b ₁ min	d ₁ max	d ₂ max	b ₂ max	g	a ₁ max	a ₃ max
04		6	2.80	4.00	1.85	4.10	5.0	7.4	10.3	0.08	3 000	3 000	0.2			x	x			
05 B - 1		8	3.00	5.00	2.31	4.77	7.1	8.6	11.7	0.11	4 400	4 400	0.2			x	x			
06 B - 1	0.375	9.52	5.72	6.35	3.28	8.53	8.2	13.5	16.8	0.28	8 900	9 000	0.5			x	x			
083	0.50	12.7	4.88	7.75	4.09	7.90	10.3	12.9	14.4	0.32	12 000	12 000	0.5			x	x	x		
084	0.50	12.7	4.88	7.75	4.09	8.80	11.1	14.8	16.3	0.326	16 000	16 000	0.6			x	x	x		
08 B - 1	0.50	12.7	7.75	8.51	4.45	11.30	11.6	17.0	20.9	0.50	17 800	21 000	0.7	x	x	x	x	x		
10 B - 1	0.625	15.87	9.65	10.16	5.08	13.28	14.6	19.6	23.7	0.67	22 200	25 000	0.9	x	x	x	x	x		
12 B - 1	0.75	19.05	11.68	12.07	5.72	15.62	15.9	22.7	27.3	0.89	28 900	32 000	1.2	x	x	x	x	x		
16 B - 1	1.00	25.4	17.02	15.88	8.28	25.40	20.5	36.1	42.4	2.10	60 000	80 000	2.6	x	x	x	x	x	x	
20 B - 1	1.25	31.75	19.56	19.05	10.19	29.00	25.7	40.4	47.6	2.96	95 000	120 000	3.7	x	x				x	x
24 B - 1	1.50	38.1	25.40	25.40	14.63	37.90	33.0	53.8	60.6	5.54	160 000	211 000	6.9	x	x				x	x
28 B - 1	1.75	44.45	30.99	27.94	15.90	46.50	37.0	63.3	72.8	7.39	200 000	256 000	8.6	x	x				x	x
32 B - 1	2.00	50.8	30.99	29.21	17.81	45.50	41.2	65.1	73.6	8.10	250 000	315 000	9.5	x	x				x	x
40 B - 1	2.50	63.5	38.10	39.37	22.89	55.70	51.5	78.9	91.3	12.7	355 000	380 000	15.1	x	x				x	x
48 B - 1	3.00	76.2	45.72	48.26	29.24	70.50	63.5	98.5	124.0	20.6	560 000	600 000	24.5	x	x				x	x
56 B - 1	3.50	88.9	53.34	53.98	34.32	81.30	77.0	114.7	140.0	27.9	850 000	950 000	36.5	x	x				x	
64 B - 1	4.00	101.6	60.96	63.50	39.40	92.00	93.3	130.0	143.0	36.2	1 120 000	-	50.0	x	x				x	
72 B - 1	4.50	114.3	68.58	72.39	44.50	103.80	105.3	147.0	161.0	46.2	1 400 000	-	65.0	x	x				x	



B inner link A outer link E connecting link with clip S connecting link with cotter pin L cranked link with cotter pin C double cranked link

Roller chains - European type

High Performance from Rexnord.



Duplex roller chains



Excellent Corrosion Protection

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- More than 100 % better in the buckling test
- Highly versatile, also suitable for aggressive environments



Improved Wear Resistance

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- Great protection through RexPro lubrication
- Long working life
- High operating reliability



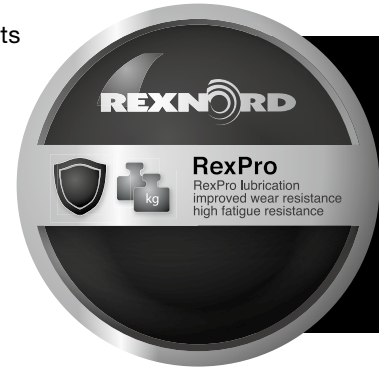
High Fatigue Resistance

- Ball-drifted plate holes
- Shot-peened chain links, seam-free rollers
- High pre-loading



Eco friendly

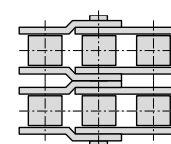
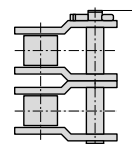
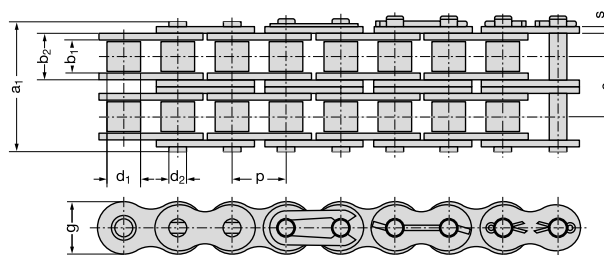
- Through RexPro lubrication
- No heavy metals; Teflon- and silicone-free
- Environmental management system conforms to DIN EN ISO 14001



Rexnord meets the requirements of Machine Directive 2006/42/EC

Duplex roller chains, ISO 606 / DIN 8187

Chain No.	Pitch p		Width between inner plates b ₁ min	Roller diameter d ₁ max	Pin diameter d ₂ max	Width over inner link b ₂ max	Plate depth g	Transverse pitch e	Pin length a ₁ max	Connecting pin length a ₃ max	Bearing area A	Required minimum tensile strength DIN/ISO F _u	Average tensile strength F _b	Weight q	Loose parts					
	Inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	cm ²	N	N	kg/m	A	B	C	E	L	S
06 B - 2	0.375	9.52	5.72	6.35	3.28	8.53	8.2	10.24	23.8	27.1	0.56	16 900	18 000	0.8			x	x	x	
08 B - 2	0.50	12.7	7.75	8.51	4.45	11.30	11.6	13.92	30.6	34.9	1.01	31 100	45 000	1.4	x	x	x	x	x	
10 B - 2	0.625	15.87	9.65	10.16	5.08	13.28	14.6	16.59	35.5	40.3	1.34	44 500	50 000	1.8	x	x	x	x	x	
12 B - 2	0.75	19.05	11.68	12.07	5.72	15.62	15.9	19.46	41.7	46.8	1.79	57 800	64 000	2.3	x	x	x	x	x	
16 B - 2	1.00	25.4	17.02	15.88	8.28	25.40	20.5	31.88	67.4	73.4	4.21	106 000	140 000	5.3	x	x	x	x	x	x
20 B - 2	1.25	31.75	19.56	19.05	10.19	29.00	25.7	36.45	76.9	83.6	5.91	170 000	210 000	7.3	x	x			x	x
24 B - 2	1.50	38.1	25.40	25.40	14.63	37.90	33.0	48.36	102.2	112.7	11.1	280 000	370 000	13.8	x	x			x	x
28 B - 2	1.75	44.45	30.99	27.94	15.90	46.50	37.0	59.56	122.8	132.7	14.8	360 000	500 000	17.3	x	x			x	x
32 B - 2	2.00	50.8	30.99	29.21	17.81	45.50	41.2	58.55	123.6	132.4	16.2	450 000	530 000	18.8	x	x			x	x
40 B - 2	2.50	63.5	38.10	39.37	22.89	55.70	51.5	72.29	151.2	163.8	25.5	630 000	750 000	29.9	x	x			x	x
48 B - 2	3.00	76.2	45.72	48.26	29.24	70.50	63.5	91.21	189.7	215.2	41.2	1 000 000	1 250 000	48.6	x	x			x	x
56 B - 2	3.50	88.9	53.34	53.98	34.32	81.30	77.0	106.60	221.3	246.5	55.8	1 600 000	1 900 000	72.5	x	x			x	x
64 B - 2	4.00	101.6	60.96	63.50	39.40	92.00	93.3	119.89	250.0	263.0	72.5	2 000 000	2 000 000	98.0	x	x				x
72 B - 2	4.50	114.3	68.58	72.39	44.50	103.80	105.3	136.27	283.0	297.0	92.4	2 500 000	2 500 000	128.0	x	x				x



B

inner link

A

outer link

E

connecting link with clip

S

connecting link with cotter pin

L

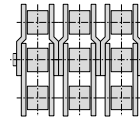
cranked link with cotter pin

C

double cranked link

Roller chains - European type

High Performance from Rexnord.



Triplex roller chains



CE
Rexnord meets the
requirements of
Machine Directive
2006/42/EC



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Improved Wear Resistance

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- Long working life
- High operating reliability



High Fatigue Resistance

- Ball-drifted plate holes
- Shot-peened chain links, seam-free rollers
- High pre-loading

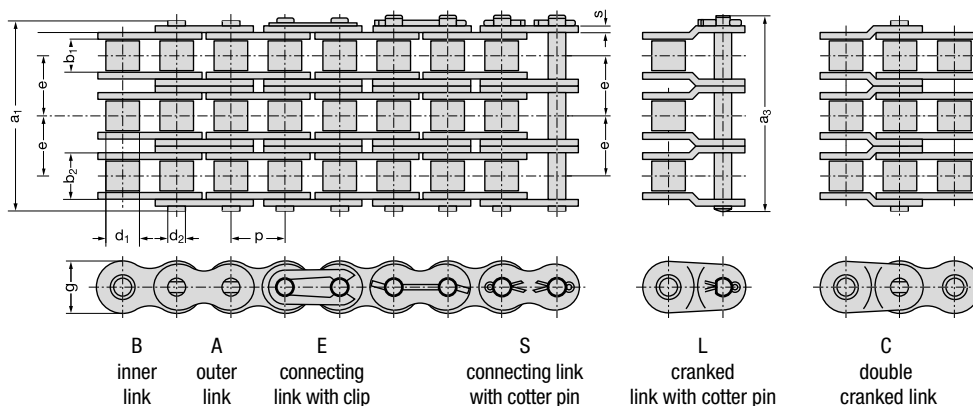


Eco friendly

- Through RexPro lubrication
- No heavy metals; Teflon- and silicone-free
- Environmental management system conforms to DIN EN ISO 14001

Triplex roller chains, ISO 606 / DIN 8187

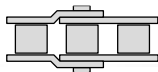
Chain No.	Pitch		Width between inner plates	Roller diameter	Pin diameter	Width over inner link	Plate depth	Transverse pitch	Pin length	Connecting pin length	Bearing area	Required minimum tensile strength DIN/ISO	Average tensile strength	Weight	Loose parts					
	p	b ₁ min	d ₁ max	d ₂ max	b ₂ max	g	e	a ₁ max	a ₃ max	A	F _u	F _b	q	A	B	C	E	L	S	
	Inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	N	N	kg/m						
06 B - 3	0.375	9.52	5.72	6.35	3.28	8.53	8.3	10.24	34.0	37.3	0.84	24 900	26 000	1.2			x	x	x	
08 B - 3	0.50	12.7	7.75	8.51	4.45	11.30	11.6	13.92	44.6	48.8	1.51	44 500	64 000	2.1	x	x	x	x	x	
10 B - 3	0.625	15.87	9.65	10.16	5.08	13.28	14.6	16.59	52.2	56.9	2.02	66 700	75 000	2.6	x	x	x	x	x	
12 B - 3	0.75	19.05	11.68	12.07	5.72	15.62	15.9	19.46	61.3	66.3	2.68	86 700	96 000	3.4	x	x	x	x	x	
16 B - 3	1.00	25.4	17.02	15.88	8.28	25.40	20.5	31.88	99.3	105.3	6.31	160 000	210 000	7.8	x	x	x	x	x	
20 B - 3	1.25	31.75	19.56	19.05	10.19	29.00	25.7	36.45	113.4	121.2	8.87	250 000	315 000	10.9	x	x			x	x
24 B - 3	1.50	38.1	25.40	25.40	14.63	37.90	33.0	48.36	150.5	160.4	16.6	425 000	560 000	20.5	x	x			x	x
28 B - 3	1.75	44.45	30.99	27.94	15.90	46.50	37.0	59.56	182.3	192.2	22.2	530 000	750 000	25.6	x	x			x	x
32 B - 3	2.00	50.8	30.99	29.21	17.81	45.50	41.2	58.55	182.2	191.0	24.3	670 000	795 000	28.0	x	x			x	x
40 B - 3	2.50	63.5	38.10	39.37	22.89	55.70	51.5	72.29	223.5	236.1	38.2	950 000	117 000	44.8	x	x			x	x
48 B - 3	3.00	76.2	45.72	48.26	29.24	70.50	63.5	91.21	281.0	306.5	61.8	1 500 000	187 000	72.5	x	x			x	x
56 B - 3	3.50	88.9	53.34	53.98	34.32	81.30	77.0	106.60	328.0	353.2	83.7	2 240 000	2 85 000	109.0	x	x				x
64 B - 3	4.00	101.6	60.96	63.50	39.40	92.00	93.0	119.89	368.2	379.0	108.7	3 000 000	3 000 000	144.0	x	x				x
72 B - 3	4.50	114.3	68.58	72.39	44.50	103.80	105.0	136.27	418.7	429.7	138.6	3 750 000	-	171.0	x	x				x





Overview Rexnord roller chains

Roller Chains



- Outstanding protection against corrosion and wear
- Unique protection against chain joint stiffness
- Extremely eco-friendly

- Maintenance-free
- Low noise
- Eco-friendly

- Combination of RexPlus and RexCarbon
- Excellent resistance to rust and acids
- Maintenance-free
- NSF H1 certification

- The optimum choice for light and medium duty
- Good cost-benefit ratio
- High availability

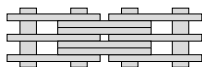
- Durable and low-maintenance
- Longer servicing intervals
- High loading capacity

- Excellent resistance to rust and acids
- Highly reliable
- Fulfills hygiene requirements
- NSF H1 certification

- Outstanding corrosion resistance
- Long service life
- High loading capacity

- Extremely high loading capacity
- Long service life
- Outstanding protection against corrosion and wear

Leaf Chains



- Outstanding protection against corrosion and wear
- Unique protection against chain joint stiffness
- Extremely eco-friendly

- Durable and low-maintenance
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- High loading capacity

- Outstanding corrosion resistance
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High Performance from Rexnord

Roller chains | American type



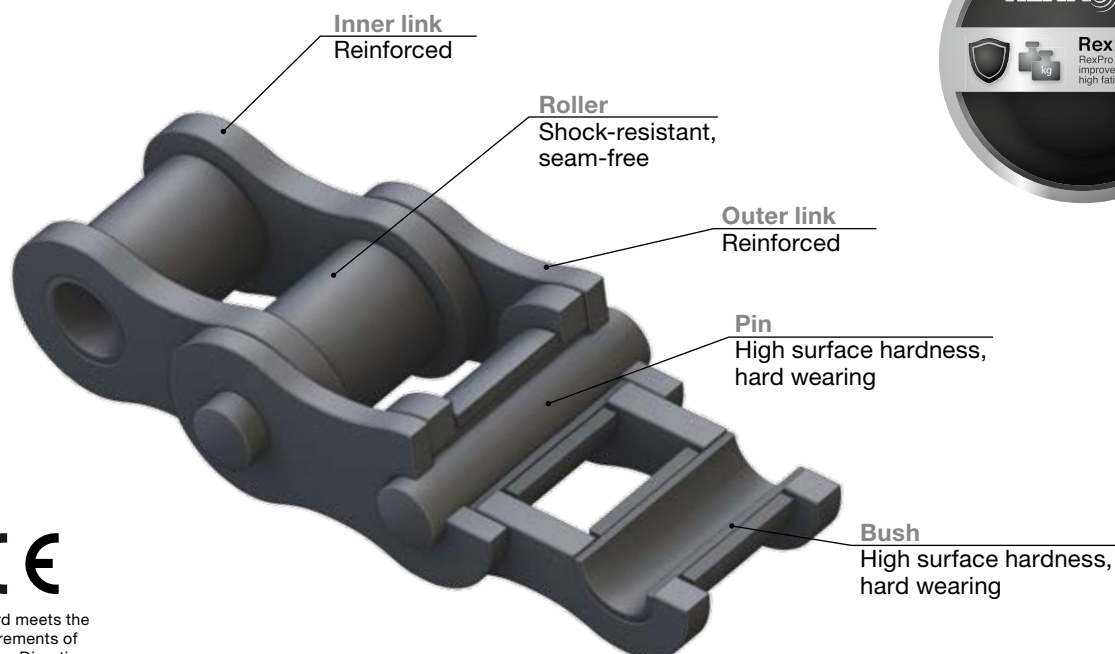


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- Manufactured from high-performance materials
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- Seam-free rollers
- Shot-peened pins, plates, bushes and rollers
- Delivered adjusted and torsion-free on request
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- Very high impact strength
- Very robust under the toughest conditions
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High Fatigue Resistance

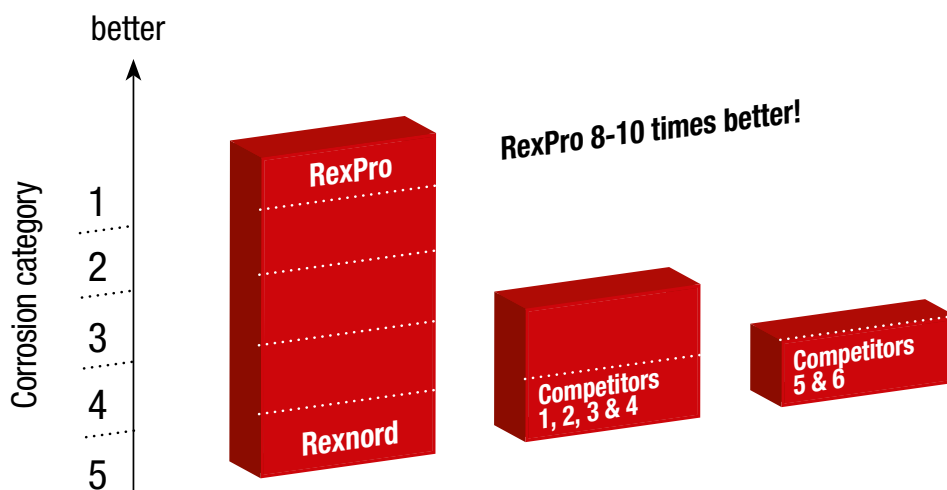
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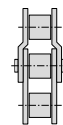
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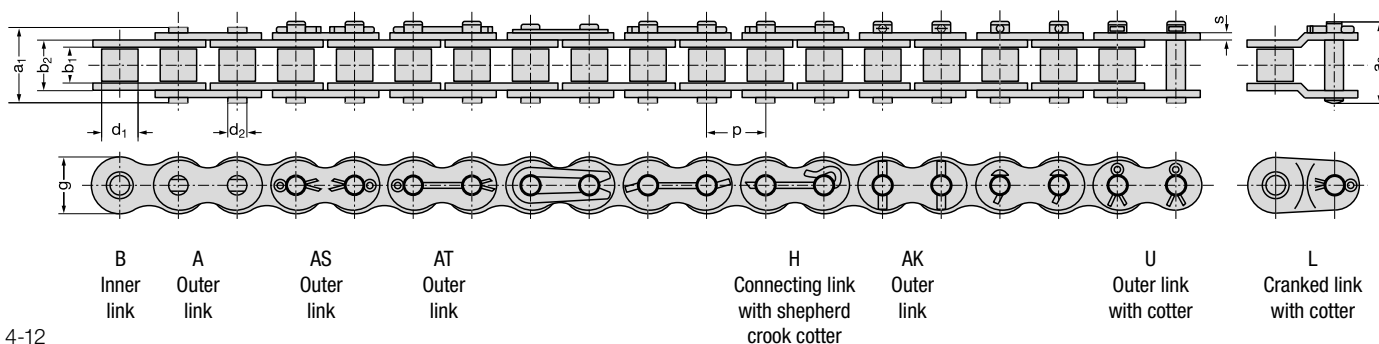
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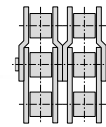
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	p	b ₁ min	d ₁ max	d ₂ max	b ₂ max	g	e	a ₁ max	a ₃ max	A	F _u	F _b	q												
Inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	N	N	kg/m	A	AK	AS	AT	B	C	E	L	S	U	
40 - 1	0.50	12.7	7.85	7.95	3.96	11.15	11.6	—	16.3	21.7	0.44	13 900	20 000	0.7					x	x	x	x			
50 - 1	0.625	15.87	9.40	10.16	5.08	13.80	14.6	—	20.3	25.9	0.70	21 800	30 000	1.7	x				x	x	x	x			
60 - 1	0.75	19.05	12.57	11.91	5.94	17.70	17.7	—	25.7	31.5	1.05	31 300	40 000	1.5	x				x	x	x	x	x		
80 - 1	1.00	25.4	15.75	15.88	7.92	22.50	23.5	—	33.0	38.9	1.78	55 600	65 000	2.6	x				x	x		x	x		
100 - 1	1.25	31.75	18.90	19.05	9.53	27.40	29.2	—	39.4	44.9	2.61	87 000	105 000	3.8	x				x				x	x	
120 - 1	1.50	38.1	25.22	22.23	11.10	35.30	34.4	—	49.8	56.1	3.92	125 000	145 000	5.5	x				x				x	x	
140 - 1	1.75	44.45	25.22	25.40	12.70	37.00	40.8	—	53.4	59.3	4.70	170 000	220 000	7.2	x	x		x	x				x		x
160 - 1	2.00	50.8	31.55	28.58	14.27	45.00	47.8	—	63.6	68.9	6.42	223 000	260 000	10.3	x	x		x	x				x		x
180 - 1	2.25	57.15	35.48	35.71	17.46	50.85	50.0	—	71.3	80.0	8.87	281 000	360 000	14.0	x	x		x	x				x		x
200 - 1	2.50	63.5	37.85	39.68	19.84	54.70	60.0	—	78.0	87.5	10.8	347 000	400 000	16.8	x			x	x				x		x
240 - 1	3.00	76.2	47.35	47.63	23.80	67.50	70.0	—	94.8	106.7	16.1	500 000	585 000	25.0	x		x		x				x		x



Roller chains - American type

High Performance from Rexnord.



Duplex roller chains



Excellent Corrosion Protection

- 8 - 10 times better than the best competitors
- More than 100 % better in the buckling test
- Highly versatile, also suitable for aggressive environments



Improved Wear Resistance

- 8 - 12 % improvement in comparison to predecessor
- Great protection through RexPro lubrication
- Long working life
- High operating reliability



High Fatigue Resistance

- Ball-drifted plate holes
- Shot-peened chain links, seam-free rollers
- High pre-loading



Eco friendly

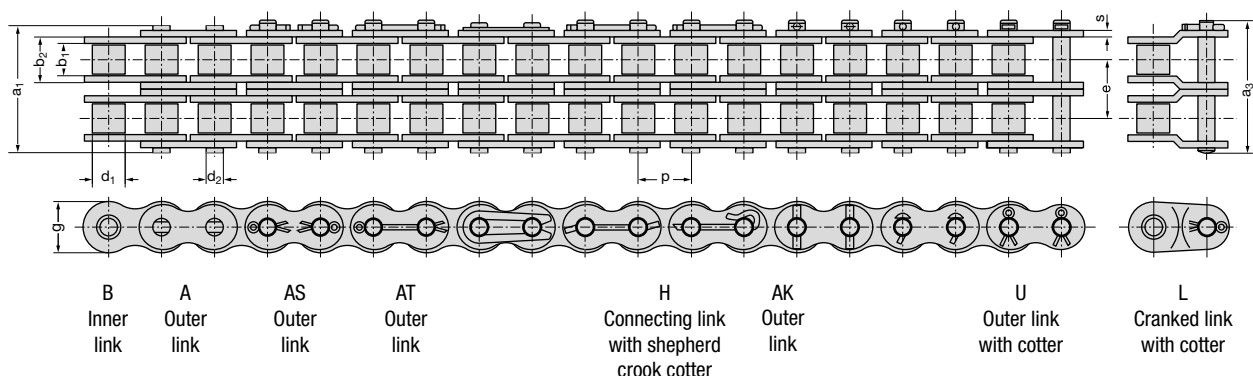
- Through RexPro lubrication
- No heavy metals; Teflon- and silicone-free
- Environmental management system conforms to DIN EN ISO 14001



Rexnord meets the requirements of Machine Directive 2006/42/EC

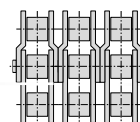
Duplex roller chains, ISO 606 / DIN 8188

Chain No.	Pitch		Width between inner plates	Roller diameter	Pin diameter	Width over inner link	Plate depth	Transverse pitch	Pin length	Connecting pin length	Bearing area	Required minimum tensile strength DIN/ISO	Average tensile strength	Weight	Loose parts											
	p	b ₁ min	d ₁ max	d ₂ max	b ₂ max	g	e	a ₁ max	a ₃ max	A	F _u	F _b	q	A	AK	AS	AT	B	C	E	L	S	U			
	Inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	N	N	kg/m												
40 - 2	0.50	12.7	7.85	7.95	3.96	11.15	11.6	14.38	30.7	36.2	0.88	27 800	40 000	1.2					x		x					
50 - 2	0.625	15.875	9.40	10.16	5.08	13.80	14.6	18.11	38.5	44.0	1.40	43 600	60 000	2.0					x	x	x					
60 - 2	0.75	19.05	12.57	11.91	5.94	17.70	17.7	22.78	48.5	54.4	2.10	62 600	80 000	2.9	x				x		x					
80 - 2	1.00	25.4	15.75	15.88	7.92	22.50	23.5	29.29	62.4	68.1	3.56	111 200	150 000	5.2	x				x				x			
100 - 2	1.25	31.75	18.90	19.05	9.53	27.40	29.2	35.76	75.3	87.8	5.22	174 000	220 000	7.6	x				x				x			
120 - 2	1.50	38.1	25.22	22.23	11.10	35.30	34.4	45.44	95.3	101.6	7.84	250 000	290 000	10.8	x				x				x			
140 - 2	1.75	44.45	25.22	25.40	12.70	37.00	40.8	48.87	103.3	109.6	9.40	340 000	440 000	14.2	x	x			x					x		
160 - 2	2.00	50.8	31.55	28.58	14.27	45.00	47.8	58.55	122.1	130.1	12.8	446 000	490 000	19.5	x	x			x					x		
180 - 2	2.25	57.15	35.48	35.71	17.46	50.85	50.0	65.84	136.7	145.4	17.7	562 000	680 000	27.0	x	x			x					x		
200 - 2	2.50	63.5	37.85	39.68	19.84	54.70	60.0	71.55	149.6	159.2	21.7	649 000	800 000	32.7	x			x	x					x		
240 - 2	3.00	76.2	47.35	47.63	23.80	67.50	70.0	87.83	182.7	194.7	32.1	1 000 000	117 000	49.4	x		x		x					x		



Roller chains - American type

High Performance from Rexnord.



Triplex roller chains



Excellent Corrosion Protection

- 8 - 10 times better than the best competitors
- More than 100 % better in the buckling test
- Highly versatile, also suitable for aggressive environments



Improved Wear Resistance

- 8 - 12 % improvement in comparison to predecessor
- Great protection through RexPro lubrication
- Long working life
- High operating reliability



High Fatigue Resistance

- Ball-drifted plate holes
- Shot-peened chain links, seam-free rollers
- High pre-loading



Rexnord meets the requirements of Machine Directive 2006/42/EC

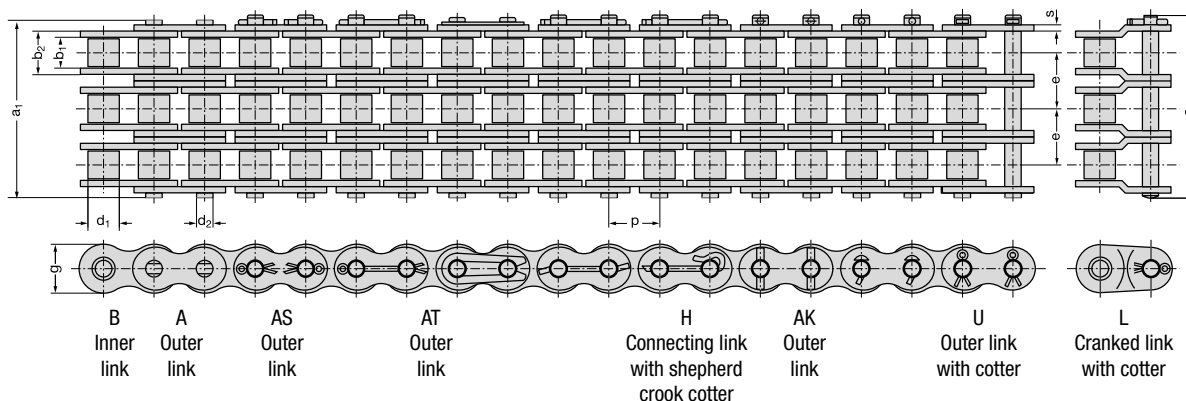


Eco friendly

- Through RexPro lubrication
- No heavy metals; Teflon- and silicone-free
- Environmental management system conforms to DIN EN ISO 14001

Triplex roller chains, ISO 606 / DIN 8188

Chain No.	Pitch p		Width between inner plates b ₁ min	Roller diameter d ₁ max	Pin diameter d ₂ max	Width over inner link b ₂ max	Plate depth g	Transverse pitch e	Pin length a ₁ max	Connecting pin length a ₃ max	Bearing area A	Required minimum tensile strength DIN/ISO F _u	Average tensile strength F _b	Weight q	Loose parts									
															A	AK	AS	AT	B	C	E	L	S	U
	Inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	cm ²	N	N	kg/m										
40 - 3	0.50	12.7	7.85	7.95	3.96	11.15	11.6	14.48	45.1	50.6	1.32	41 700	60 000	1.8				x		x	x			
50 - 3	0.625	15.87	9.40	10.16	5.08	13.80	14.6	18.11	56.7	62.0	2.10	65 400	90 000	3.0	x			x		x	x			
60 - 3	0.75	19.05	12.57	11.91	5.94	17.70	17.7	22.78	71.4	77.2	3.15	93 900	120 000	4.3	x			x		x	x	x		
80 - 3	1.00	25.4	15.75	15.88	7.92	22.50	23.5	29.29	91.7	97.0	5.35	166 800	220 000	7.9	x			x			x	x		
100 - 3	1.25	31.75	18.90	19.05	9.53	27.40	29.2	35.76	111.1	117.2	7.83	261 000	300 000	11.4	x			x			x	x		
120 - 3	1.50	38.1	25.22	22.23	11.10	35.30	34.4	45.44	140.7	148.3	11.8	375 000	450 000	15.8	x			x			x	x		
140 - 3	1.75	44.45	25.22	25.40	12.70	37.00	40.8	48.87	151.2	158.5	14.1	510 000	660 000	21.5	x	x		x			x		x	
160 - 3	2.00	50.8	31.55	28.58	14.27	45.00	47.8	58.55	180.7	188.7	19.3	669 000	790 000	26.3	x	x		x			x		x	
180 - 3	2.25	57.15	35.48	35.71	17.46	50.85	50.0	65.84	202.0	210.7	26.6	843 000	1 020 000	40.5	x	x		x			x		x	
200 - 3	2.50	63.5	37.85	39.68	19.84	54.70	60.0	71.55	221.1	230.7	32.6	1 041 000	1 200 000	48.8	x			x	x		x		x	
240 - 3	3.00	76.2	47.35	47.63	23.80	67.50	70.0	87.83	270.6	282.5	48.2	1 500 000	1 930 000	74.1	x		x	x			x		x	





High Performance from Rexnord

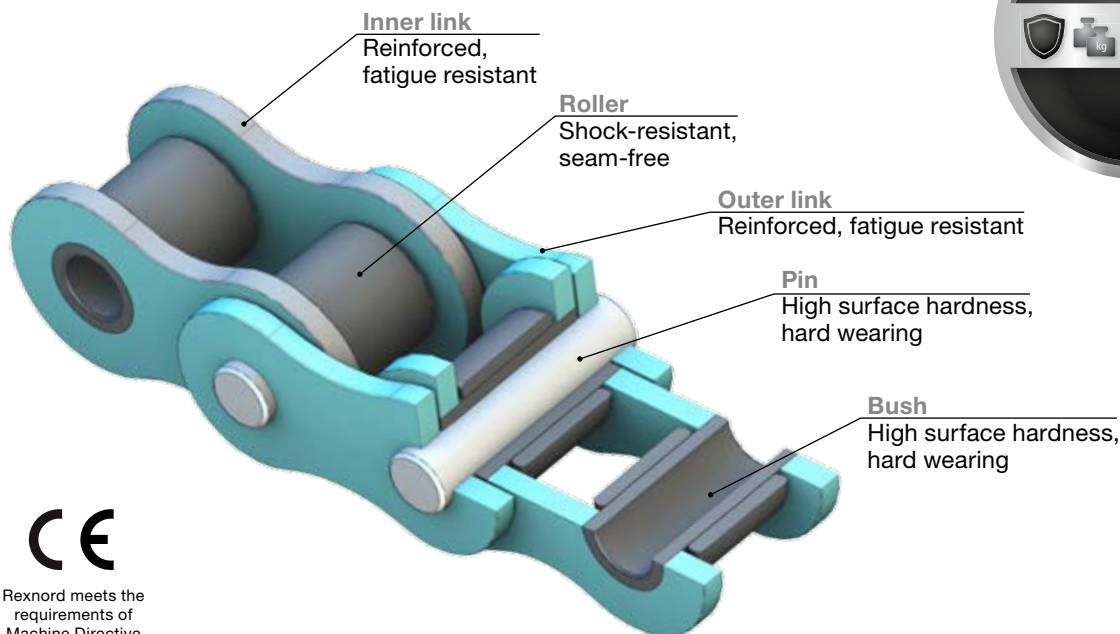
Roller chains | H-Series | American type

RexPro
RexPro lubrication
improved wear resistance
high fatigue resistance



H-Series - American type

High Performance from Rexnord.



Rexnord meets the
requirements of
Machine Directive
2006/42/EC



APPLICATIONS

- Drilling rigs
- Machinery for road excavation & construction
- Agriculture and forestry

CHARACTERISTICS

- Fulfills the stringent demands set by the excellent RexPro standards
- Enlarged bearing area
- Higher breaking strength
- 40% higher fatigue resistance (loading capacity)
- Compatible with European type

ADVANTAGES

- For high-performance power transmission
- Very high impact strength
- Very robust, even under the toughest conditions

LUBRICATION

- RexPro lubrication without heavy metals for improved protection
- Operating temperature: -30°C to +130°C (can be extended from -40°C to + 250°C)
- Very good surface adhesion; remains drip resistant even at high temperatures
- No heavy metals; Teflon- and silicone-free

RexPro - High performance from Rexnord



Excellent Corrosion Protection

- 8 - 10 times better than the best competitors
- More than 100 % better in the buckling test
- Highly versatile, also suitable for aggressive environments



Improved Wear Resistance

- 8 - 12 % improvement in comparison to predecessor
- Great protection through RexPro lubrication
- Long working life
- High operating reliability



High Fatigue Resistance

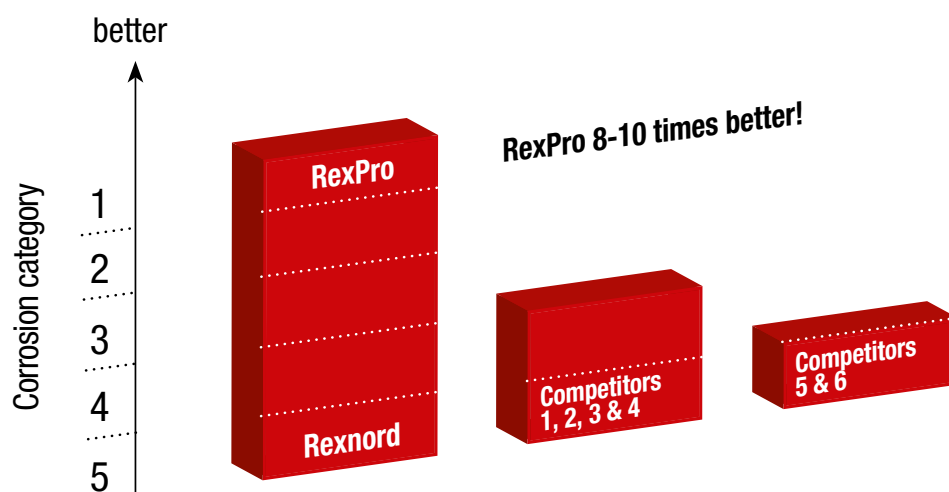
- Ball-drifted plate holes
- Shot-peened chain links, seam-free rollers
- High pre-loading



Eco friendly

- Through RexPro lubrication
- No heavy metals; Teflon- and silicone-free
- Environmental management system conforms to DIN EN ISO 14001

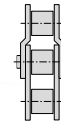
Salt spray test in accordance with DIN EN ISO 9227



Rexnord meets the requirements of Machine Directive 2006/42/EC

H-Series - American type

High Performance from Rexnord.



Simplex roller chains



CE
Rexnord meets the
requirements of
Machine Directive 2006/42/EC



Applications & Characteristics

- For heavy-duty drives and lifting purposes
- High loading capacity



Maintenance & Service life

- Very robust
- Long service life



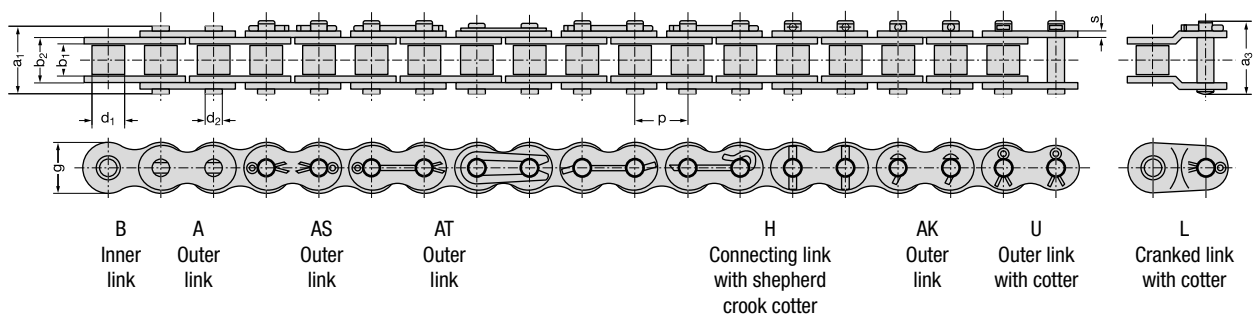
Eco friendly

- Through RexPro lubrication
- No heavy metals; Teflon- and silicone-free
- Environmental management system conforms to DIN EN ISO 14001

Simplex roller chains, ISO 606

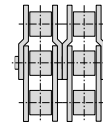
Heavy Series with increased fatigue resistance (thicker plates)

Chain No.	Pitch		Width between inner plates	Roller diameter	Pin diameter	Width over inner link	Plate depth	Plate depth	Transverse pitch	Pin length	Connecting pin length	Bearing area	Required minimum tensile strength DIN/ISO	Average tensile strength	Weight	Loose parts											
p	b ₁ min	d ₁ max	d ₂ max	b ₂ max	s	g	e	a ₁ max	a ₃ max	A	F _u	F _b	q	A	B	AK	AS	AT	H	L	S	U					
Inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	cm²	N	N	kg/m												
60 H - 1	0.75	19.05	12.57	11.91	5.94	19.35	3.05	17.7	–	28.8	32.0	1.15	31 300	45 000	2.0	x	x						x				
80 H - 1	1.00	25.4	15.75	15.88	7.92	24.30	4.0	23.5	–	35.9	41.0	1.94	55 600	80 000	3.2	x	x						x				
100 H - 1	1.25	31.75	18.90	19.05	9.53	29.00	4.7	29.2	–	42.8	48.2	2.76	87 000	45 000	4.4	x	x						x				
120 H - 1	1.50	38.1	25.22	22.23	11.10	37.00	5.5	34.4	–	53.0	59.0	4.12	125 000	150 000	6.4	x	x						x				
140 H - 1	1.75	44.45	25.22	25.40	12.70	38.70	6.3	40.8	–	56.6	62.6	4.91	170 000	207 000	8.3	x	x			x			x	x			
160 H - 1	2.00	50.8	31.55	28.58	14.27	46.90	7.0	47.8	–	67.2	72.3	6.69	223 000	260 000	11.5	x	x			x			x	x			
200 H - 1	2.50	63.5	37.85	39.68	19.84	57.60	9.5	60.0	–	84.0	93.5	11.4	347 000	420 000	20.0	x	x			x			x	x			



H-Series - American type

High Performance from Rexnord.



Duplex roller chains



Applications & Characteristics

- For heavy-duty drives and lifting purposes
- High loading capacity



Maintenance & Service life

- Very robust
- Long service life



Eco friendly

- Through RexPro lubrication
- No heavy metals; Teflon- and silicone-free
- Environmental management system conforms to DIN EN ISO 14001

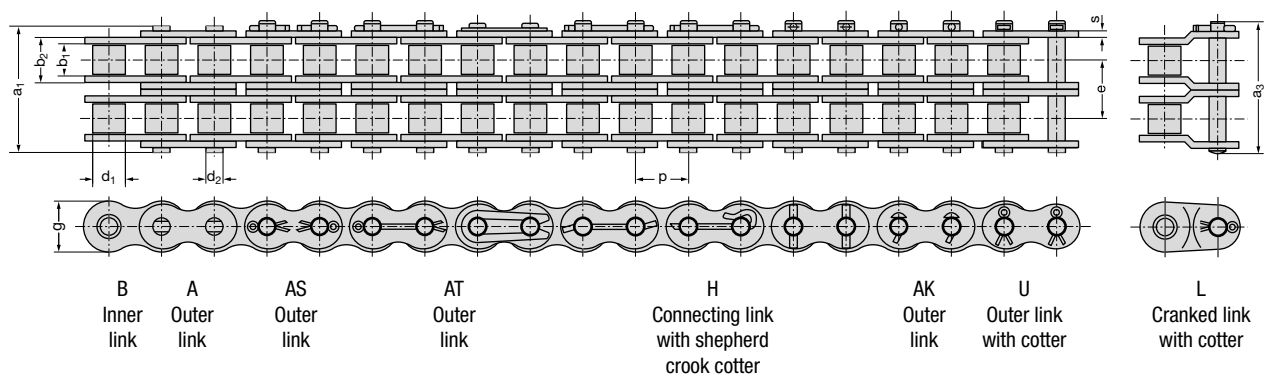


Rexnord meets the requirements of Machine Directive 2006/42/EC

Duplex roller chains, ISO 606

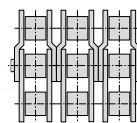
Heavy Series with increased fatigue resistance (thicker plates)

Chain No.	Pitch		Width between inner plates	Roller diameter	Pin diameter	Width over inner link	Plate depth	Plate depth	Transverse pitch	Pin length	Connecting pin length	Bearing area	Required minimum tensile strength DIN/ISO	Average tensile strength	Weight	Loose parts									
p	b ₁ min	d ₁ max	d ₂ max	b ₂ max	s	g	e	a ₁ max	a ₃ max	A	F _u	F _b	q	A	B	AK	AS	AT	H	L	S	U			
Inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	cm ²	N	N	kg/m										
60 H - 2	0.75	19.05	12.57	11.91	5.94	19.35	3.05	17.7	26.10	54.9	58.0	2.30	62 600	95 000	4.0	x	x					x			
80 H - 2	1.00	25.4	15.75	15.88	7.92	24.30	4.0	23.5	32.60	68.6	73.7	3.88	112 200	100 000	6.3	x	x					x			
100 H - 2	1.25	31.75	18.90	19.05	9.53	29.00	4.7	29.2	39.12	82.0	97.8	5.52	174 000	290 000	9.0	x	x					x			
120 H - 2	1.50	38.1	25.22	22.23	11.10	37.00	5.5	34.4	48.91	101.8	109.5	8.36	250 000	300 000	12.6	x	x					x			
140 H - 2	1.75	44.45	25.22	25.40	12.70	38.70	6.3	40.8	52.20	108.7	116.0	9.82	340 000	414 000	16.2	x	x	x				x	x		
160 H - 2	2.00	50.8	31.55	28.58	14.27	46.90	7.0	47.8	61.89	128.6	136.8	13.4	446 000	520 000	22.0	x	x	x				x	x		
200 H - 2	2.50	63.5	37.85	39.68	19.84	57.60	9.5	60.0	78.30	161.6	171.2	22.8	694 000	840 000	39.0	x	x	x		x		x	x		



H-Series - American type

High Performance from Rexnord.



Triplex roller chains



CE
Rexnord meets the
requirements of
Machine Directive 2006/42/EC



Applications & Characteristics

- For heavy-duty drives and lifting purposes
- High loading capacity



Maintenance & Service life

- Very robust
- Long service life



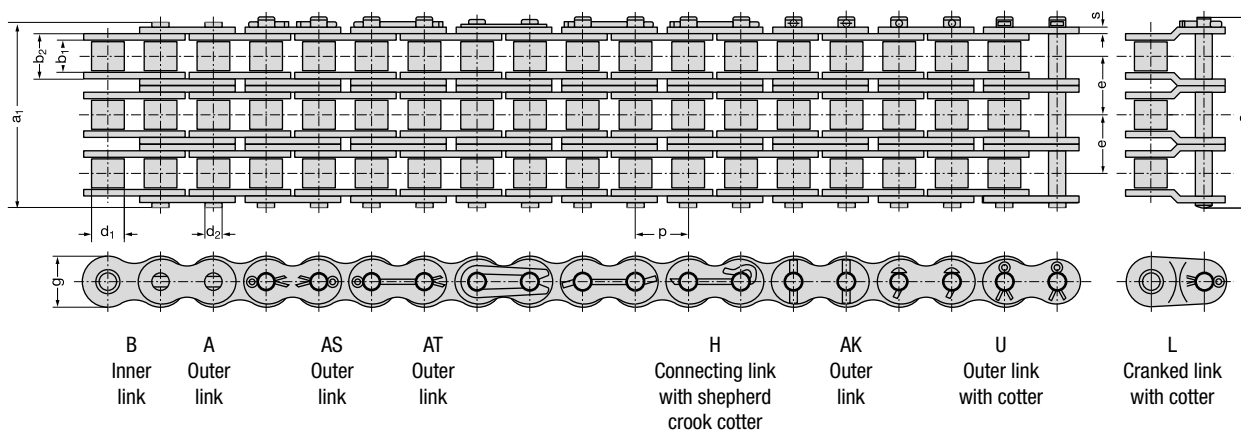
Eco friendly

- Through RexPro lubrication
- No heavy metals; Teflon- and silicone-free
- Environmental management system conforms to DIN EN ISO 14001

Triplex roller chains, ISO 606

Heavy Series with increased fatigue resistance (thicker plates)

Chain No.	Pitch p		Width between inner plates b ₁ min	Roller diameter d ₁ max	Pin diameter d ₂ max	Width over inner link b ₂ max	Plate depth s	Plate depth g	Transverse pitch e	Pin length a ₁ max	Connecting pin length a ₃ max	Bearing area A	Required minimum tensile strength DIN/ISO F _u	Average tensile strength F _b	Weight q	Loose parts								
	Inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	cm ²	N	N	kg/m	A	B	AK	AS	AT	H	L	S	U
60 H - 3	0.75	19.05	12.57	11.91	5.94	19.35	3.05	17.7	26.10	81.1	84.4	3.45	93 900	135 000	5.8	x	x						x	
80 H - 3	1.00	25.4	15.75	15.88	7.92	24.30	4.0	23.5	32.60	101.2	106.3	5.82	166 800	240 000	9.6	x	x						x	
100 H - 3	1.25	31.75	18.90	19.05	9.53	29.00	4.7	29.2	39.12	120.0	126.6	8.30	261 000	345 000	13.4	x	x						x	
120 H - 3	1.50	38.1	25.22	22.23	11.10	37.00	5.5	34.4	48.91	150.8	158.7	12.3	375 000	450 000	19.5	x	x						x	
140 H - 3	1.75	44.45	25.22	25.40	12.70	38.70	6.3	40.8	52.20	160.9	168.3	14.3	510 000	621 000	24.7	x	x	x					x	x
160 H - 3	2.00	50.8	31.55	28.58	14.27	46.90	7.0	47.8	61.89	198.0	198.7	20.1	669 000	780 000	29.4	x	x	x					x	x
200 H - 3	2.50	63.5	37.85	39.68	19.84	57.60	9.5	60.0	78.30	239.1	248.7	34.3	1 041 000	1 350 000	58.0	x	x			x			x	x





High Performance from Rexnord

Roller chains | HE-Series | American Type

REXNORD

  **RexPro**
RexPro lubrication
improved wear resistance
high fatigue resistance

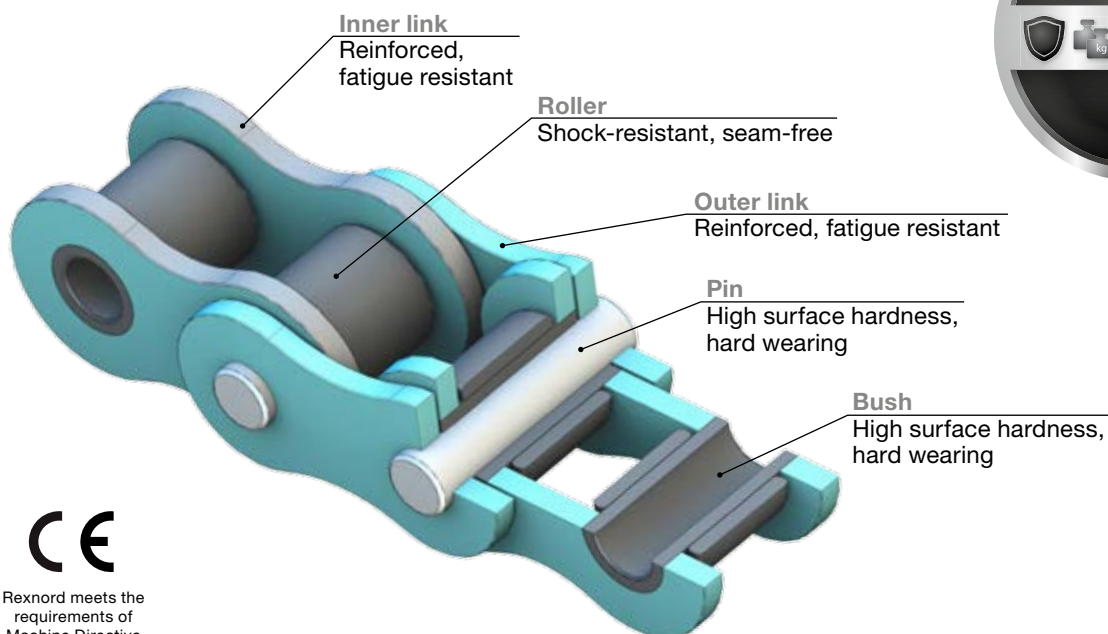


**Highly
robust**

through reinforced
link plates and pins

HE-Series - American type

High Performance from Rexnord.



Rexnord meets the
requirements of
Machine Directive
2006/42/EC

APPLICATIONS

- Drilling rigs
- Machinery for road excavation & construction
- Agriculture and forestry

CHARACTERISTICS

- Fulfills the stringent demands set by the excellent RexPro standards
- Enlarged bearing area
- Higher breaking strength
- 40% higher fatigue resistance (loading capacity)
- Compatible with European type

ADVANTAGES

- For high-performance power transmission
- Very high impact strength
- Very robust, even under the toughest conditions
- Optional additional wear resistance through induction hardening

LUBRICATION

- RexPro lubrication without heavy metals for improved protection
- Operating temperature: -30°C to +130°C (can be extended from -40°C to + 250°C)
- Very good surface adhesion; remains drip resistant even at high temperatures
- No heavy metals; Teflon- and silicone-free

RexPro - High performance from Rexnord



Excellent Corrosion Protection

- 8 - 10 times better than the best competitors
- More than 100 % better in the buckling test
- Highly versatile, also suitable for aggressive environments



Improved Wear Resistance

- 8 - 12 % improvement in comparison to predecessor
- Great protection through RexPro lubrication
- Long working life
- High operating reliability



High Fatigue Resistance

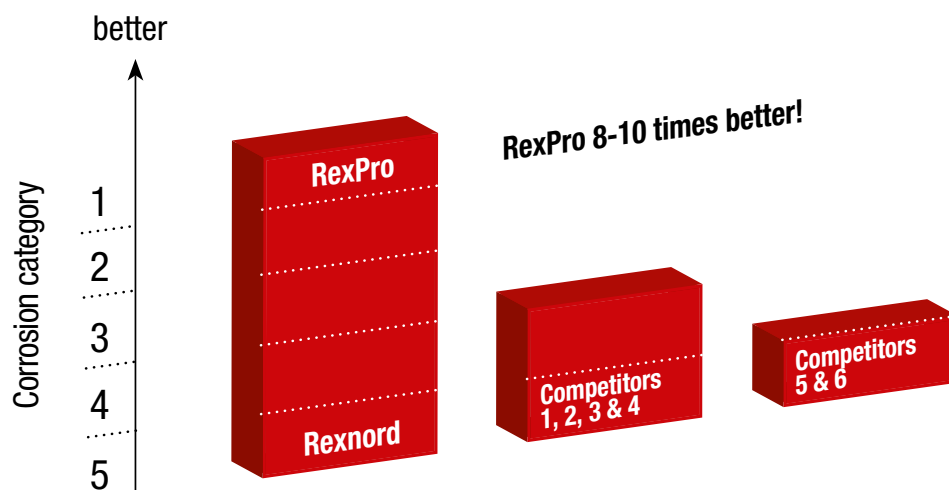
- Ball-drifted plate holes
- Shot-peened chain links, seam-free rollers
- High pre-loading



Eco friendly

- Through RexPro lubrication
- No heavy metals; Teflon- and silicone-free
- Environmental management system conforms to DIN EN ISO 14001

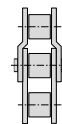
Salt spray test in accordance with DIN EN ISO 9227



Rexnord meets the requirements of Machine Directive 2006/42/EC

HE - Series - American type

High Performance from Rexnord.



Simplex roller chains



CE
Rexnord meets the
requirements of
Machine Directive
2006/42/EC



Applications & Characteristics

- For heavy-duty drives and lifting purposes
- High loading capacity
- High impact strength
- Highest breaking strength



Maintenance & Service life

- Very robust
- Long service life



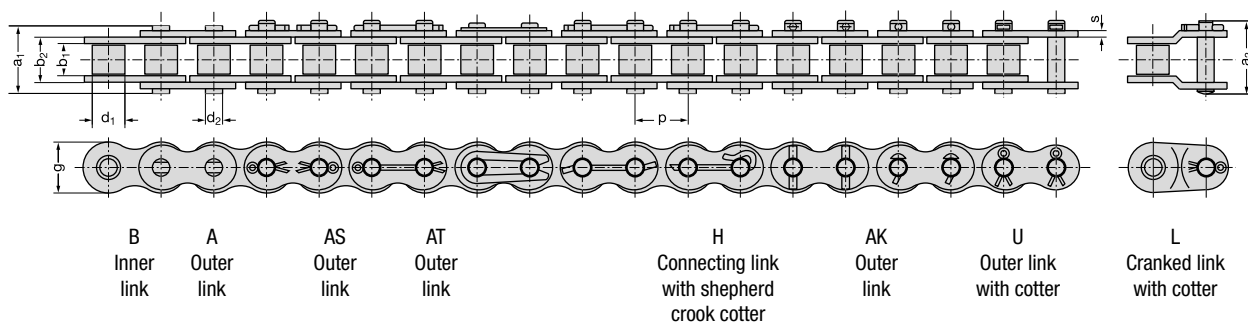
Eco friendly

- Through RexPro lubrication
- No heavy metals; Teflon- and silicone-free
- Environmental management system conforms to DIN EN ISO 14001

Simplex roller chains, ISO 606

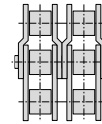
Heavy Series with increased fatigue resistance (thicker plates) and higher breaking strength

Chain No.	Pitch p		Width between inner plates	Roller diameter	Pin diameter	Width over inner link	Plate depth	Plate depth	Transverse pitch	Pin length	Connecting pin length	Bearing area	Required min breaking strength DIN / ISO	Average tensile strength	Weight	Components											
	inch	mm	b ₁ min	d ₁ max	d ₂ max	b ₂ max	s	g	e	a ₁ max	a ₃ max	A	F _u	F _b	q	A	B	AK	AS	AT	H	L	S	U			
60 HE - 1	0.75	19.05	12.57	11.91	5.94	19.35	3.05	17.7	–	28.8	32.0	1.15	42 000	56 000	2.0	x	x						x				
80 HE - 1	1.00	25.4	15.75	15.88	7.92	24.30	4.0	23.3	–	35.9	41.0	1.94	75 600	96 000	3.2	x	x						x				
100 HE - 1	1.25	31.75	18.90	19.05	9.53	29.00	4.7	29.2	–	42.8	48.2	2.76	113 400	138 000	4.4	x	x						x				
120 HE - 1	1.50	38.1	25.22	22.23	11.10	37.00	5.5	34.4	–	53.0	59.0	4.10	155 700	200 000	6.4	x	x						x				
140 HE - 1	1.75	44.45	25.22	25.40	12.70	38.70	6.3	40.8	–	56.6	62.6	4.94	209 100	250 000	8.3	x	x			x			x	x			
160 HE - 1	2.00	50.8	31.55	28.58	14.27	46.90	7.0	47.8	–	67.2	72.3	6.69	266 900	325 000	11.8	x	x			x			x	x			
200 HE - 1	2.50	63.5	37.85	39.68	19.84	57.60	9.5	60.0	–	84.0	93.5	11.4	405 000	580 000	20.0	x	x			x			x	x			



HE - Series - American type

High Performance from Rexnord.



Duplex roller chains



Applications & Characteristics

- For heavy-duty drives and lifting purposes
- High loading capacity
- High impact strength
- Highest breaking strength



Maintenance & Service life

- Very robust
- Long service life



Eco friendly

- Through RexPro lubrication
- No heavy metals; Teflon- and silicone-free
- Environmental management system conforms to DIN EN ISO 14001

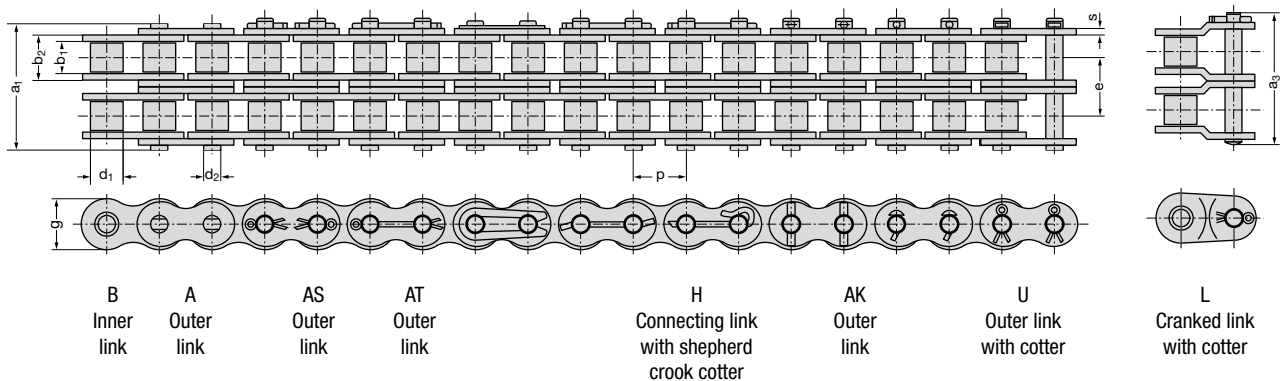


Rexnord meets the requirements of Machine Directive 2006/42/EC

Duplex roller chains, ISO 606

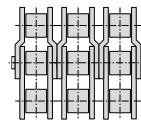
Heavy Series with increased fatigue resistance (thicker plates) and higher breaking strength

Chain No.	Pitch		Width between inner plates	Roller diameter	Pin diameter	Width over inner link	Plate depth	Plate depth	Transverse pitch	Pin length	Connecting pin length	Bearing area	Required minimum tensile strength DIN/ISO	Average tensile strength	Weight	Loose parts											
	p	b ₁ min	d ₁ max	d ₂ max	b ₂ max	s	g	e	a ₁ max	a ₃ max	A	F _u	F _b	q	A	B	AK	AS	AT	H	L	S	U				
	Inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm			
80 HE - 2	1.00	25.4	15.75	15.88	7.92	24.3	4.0	23.5	32.60	68.6	73.7	3.88	151 200	192 000	5.3	x	x						x				
100 HE - 2	1.25	31.75	18.90	19.05	9.53	29.0	4.7	29.2	39.12	82.0	87.8	5.52	226 800	276 000	9.0	x	x						x				
120 HE - 2	1.50	38.1	25.22	22.23	11.10	37.0	5.5	34.4	48.91	101.8	109.5	8.36	311 400	400 000	12.6	x	x						x				
140 HE - 2	1.75	44.45	25.22	25.40	12.70	38.7	6.3	40.8	52.20	108.7	116.0	9.82	418 200	500 000	15.8	x	x	x					x	x			
160 HE - 2	2.00	50.8	31.55	28.58	14.27	46.9	7.0	47.8	61.89	128.6	136.8	13.4	533 800	650 000	22.0	x	x	x					x	x			
200 HE - 2	2.50	63.5	37.85	39.68	19.84	57.6	9.5	60.0	78.30	161.6	171.2	22.8	810 000	860 000	39.0	x	x			x			x	x			



HE - Series - American type

High Performance from Rexnord.



Triplex roller chains



Rexnord meets the requirements of Machine Directive 2006/42/EC



Applications & Characteristics

- For heavy-duty drives and lifting purposes
- High loading capacity
- High impact strength
- Highest breaking strength



Maintenance & Service life

- Very robust
- Long service life



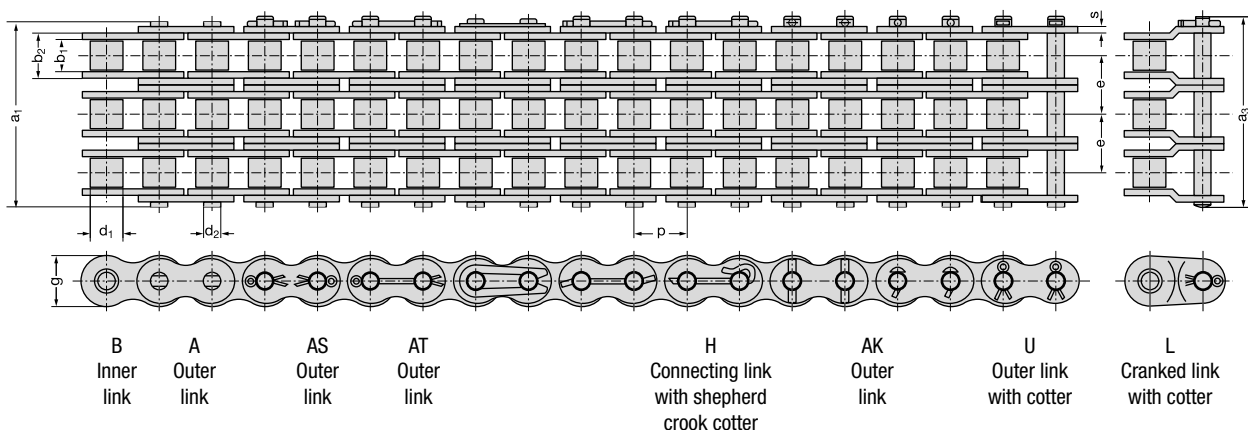
Eco friendly

- Through RexPro lubrication
- No heavy metals; Teflon- and silicone-free
- Environmental management system conforms to DIN EN ISO 14001

Triplex roller chains, ISO 606

Heavy Series with increased fatigue resistance (thicker plates) and higher breaking strength

Chain No.	Pitch		Width between inner plates	Roller diameter	Pin diameter	Width over inner link	Plate depth	Transverse pitch	Pin length	Connecting pin length	Bearing area	Required min breaking strength DIN/ISO	Average tensile strength	Weight	Components											
	p	b ₁ min	d ₁ max	d ₂ max	b ₂ max	s	g	e	a ₁ max	a ₃ max	A	F _u	F _b	q												
	Inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	cm ²	N	N	kg/m	A	B	AK	AS	AT	H	L	S	U		
80 HE - 3	1.00	25.4	15.75	15.88	7.92	24.3	4.0	23.5	32.60	101.2	106.3	5.82	226 800	288 000	9.6	x	x						x			
100 HE - 3	1.25	31.75	18.90	19.05	9.53	29.0	4.7	29.2	39.12	120.0	126.6	8.30	340 200	414 600	13.4	x	x						x			
120 HE - 3	1.50	38.1	25.22	22.23	11.10	37.0	5.5	34.4	48.91	150.8	158.7	12.3	467 100	600 000	18.5	x	x						x			
140 HE - 3	1.75	44.45	25.22	25.40	12.70	38.7	6.3	40.8	52.20	160.9	168.3	14.3	627 300	750 000	24.7	x	x	x					x	x		
160 HE - 3	2.00	50.8	31.55	28.58	14.27	46.9	7.0	47.8	61.89	198.0	198.7	20.1	800 700	975 000	29.4	x	x	x					x	x		
200 HE - 3	2.50	63.5	37.85	39.68	19.84	57.6	9.5	60.0	78.30	239.1	248.7	34.3	1215 000	1 500 000	58.0	x	x		x				x	x		





High Performance from Rexnord

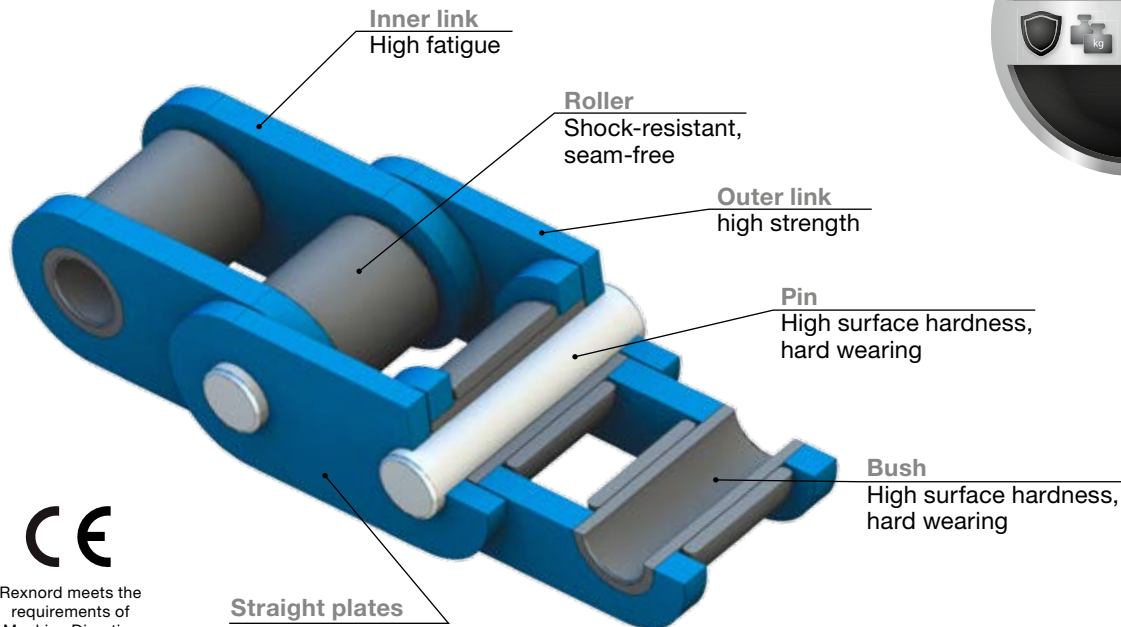
Roller chains with straight plates

RexPro
RexPro lubrication
improved wear resistance
high fatigue resistance



Roller chains with straight plates

High Performance from Rexnord.



APPLICATIONS

- Automobile and steel industry, beverage and bottling plants, logistics
- Food and beverage industry, packaging industry, material handling
- Pharmaceuticals, paper and wood processing, machinery and equipment

CHARACTERISTICS

- High fatigue resistance
- Improved wear resistance
- Outstanding corrosion protection
- Very environmentally friendly
- Manufactured from high-performance materials
- Ball-drifted plate holes
- Seam-free rollers
- Shot-peened pins, plates, bushes and rollers
- Delivered adjusted and torsion-free on request
- NSF H2 certification, RoHS:2005 compliant

ADVANTAGES

- Minimal bedding-in elongation
- Longer working life
- Very high impact strength
- Very robust under the toughest conditions
- Maximum operating reliability
- Improved cost-effectiveness

LUBRICATION

- RexPro lubrication without heavy metals for improved protection
- Operating temperature: -30° C to +130° C (can be extended from -40° C to +250° C)
- Very good surface adhesion; remains drip resistant even at high temperatures
- No heavy metals, Teflon- and silicone-free

RexPro - High performance from Rexnord



Excellent Corrosion Protection

- 8 - 10 times better than the best competitors
- More than 100 % better in the buckling test
- Highly versatile, also suitable for aggressive environments



Improved Wear Resistance

- 8 - 12 % improvement in comparison to predecessor
- Great protection through RexPro lubrication
- Long working life
- High operating reliability



High Fatigue Resistance

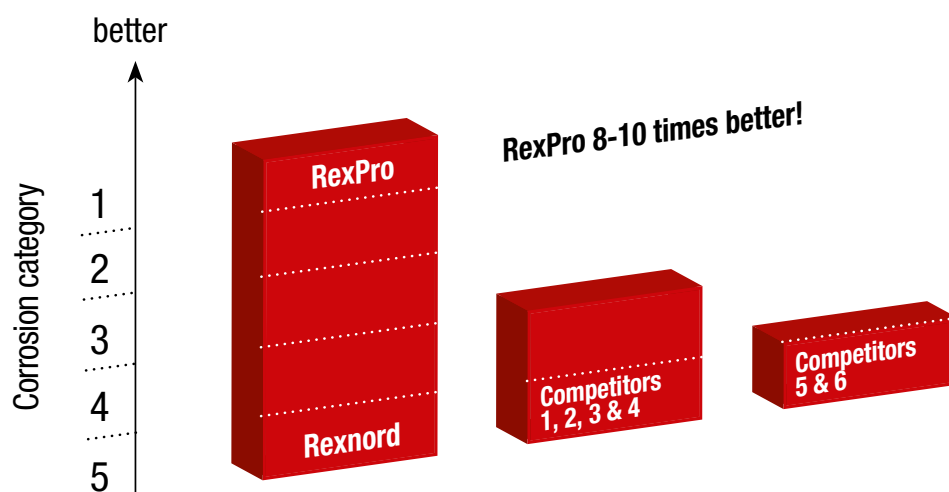
- Ball-drifted plate holes
- Shot-peened chain links, seam-free rollers
- High pre-loading



Eco friendly

- Through RexPro lubrication
- No heavy metals; Teflon- and silicone-free
- Environmental management system conforms to DIN EN ISO 14001

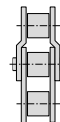
Salt spray test in accordance with DIN EN ISO 9227



Rexnord meets the requirements of Machine Directive 2006/42/EC

Roller chains with straight plates

High Performance from Rexnord.



Simplex roller chains



Rexnord meets the requirements of Machine Directive 2006/42/EC



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- Great protection through RexPro lubrication
- Long working life
- High operating reliability



High Fatigue Resistance

- Ball-drifted plate holes
- Shot-peened chain links, seam-free rollers
- High pre-loading

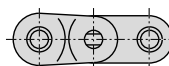
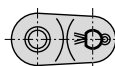
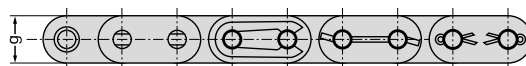
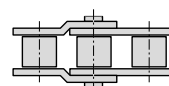
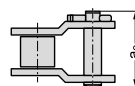
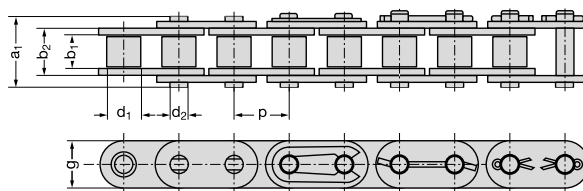


Eco friendly

- Through RexPro lubrication
- No heavy metals; Teflon- and silicone-free
- Environmental management system conforms to DIN EN ISO 14001

Simplex roller chains with straight plates, ISO 606 / DIN 8187 / DIN 8188

Chain No.	Pitch		Width between inner plates	Roller diameter	Pin diameter	Width over inner link	Plate depth	Transverse pitch	Pin length	Connecting pin length	Bearing area	Required minimum tensile strength DIN/ISO	Average tensile strength	Weight	Components																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
	p	b ₁ min	d ₁ max	d ₂ max	b ₂ max	g	e	a ₁ max	a ₃ max	A	F _u	F _b	q	A	B	C	E	G	S																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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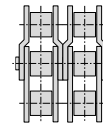
B inner link
A outer link
E connecting link with spring clip
G connecting link with single wire
S connecting link with cotter pin

L cranked link with cotter pin

C double cranked link

Roller chains with straight plates

High Performance from Rexnord.



Duplex roller chains



Excellent Corrosion Protection

- 8 - 10 times better than the best competitors
- More than 100 % better in the buckling test
- Highly versatile, also suitable for aggressive environments



Improved Wear Resistance

- 8 - 12 % improvement in comparison to predecessor
- Great protection through RexPro lubrication
- Long working life
- High operating reliability



High Fatigue Resistance

- Ball-drifted plate holes
- Shot-peened chain links, seam-free rollers
- High pre-loading



Eco friendly

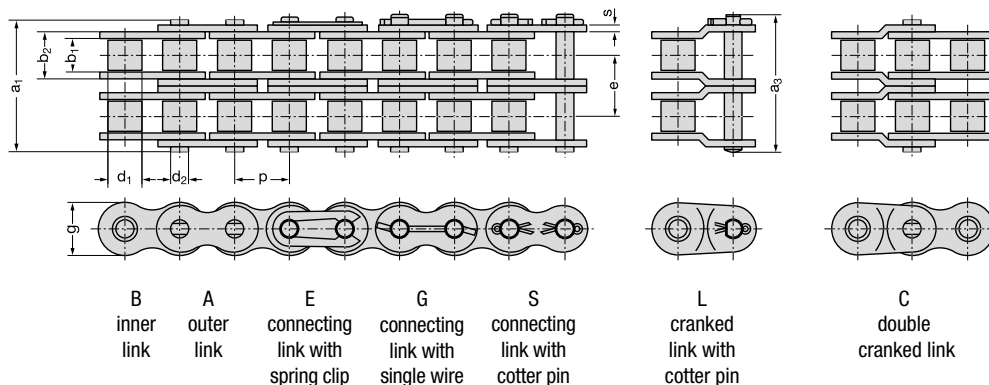
- Through RexPro lubrication
- No heavy metals; Teflon- and silicone-free
- Environmental management system conforms to DIN EN ISO 14001



Rexnord meets the requirements of Machine Directive 2006/42/EC

Duplex roller chains with straight plates, ISO 606 / DIN 8187 / DIN 8188

Chain No.	Pitch		Width between inner plates	Roller diameter	Pin diameter	Width over inner link	Plate depth	Transverse pitch	Pin length	Connecting pin length	Bearing area	Required minimum tensile strength DIN/ISO	Average tensile strength	Weight	Components						
	p	b ₁ min	d ₁ max	d ₂ max	b ₂ max	g	a ₁ max	a ₃ max	A	F _u	F _b	q									
	Inch	mm	mm	mm	mm	mm	mm		mm	mm	cm²	N	N	kg/m	A	B	C	E	G	L	S
06 B - 2 GL	0.375	9.525	5.72	6.35	3.28	8.53	8.1	10.24	23.1	26.0	0.56	16 000		0.8	x	x		x		x	
10 B - 2 GL	0.625	15.875	9.65	10.16	5.08	13.28	13.9	16.59	35.5	38.6	1.34	44 500		1.9	x	x		x		x	
12 B - 2 GL	0.75	19.05	11.68	12.07	5.72	15.62	15.9	19.46	41.7	44.4	1.79	57 800		2.6	x	x		x		x	
16 B - 2 GL	1.00	25.4	17.02	15.88	8.28	25.40	20.3	31.88	67.4	74.0	4.21	106 000		5.8	x	x		x		x	





High Performance from Rexnord

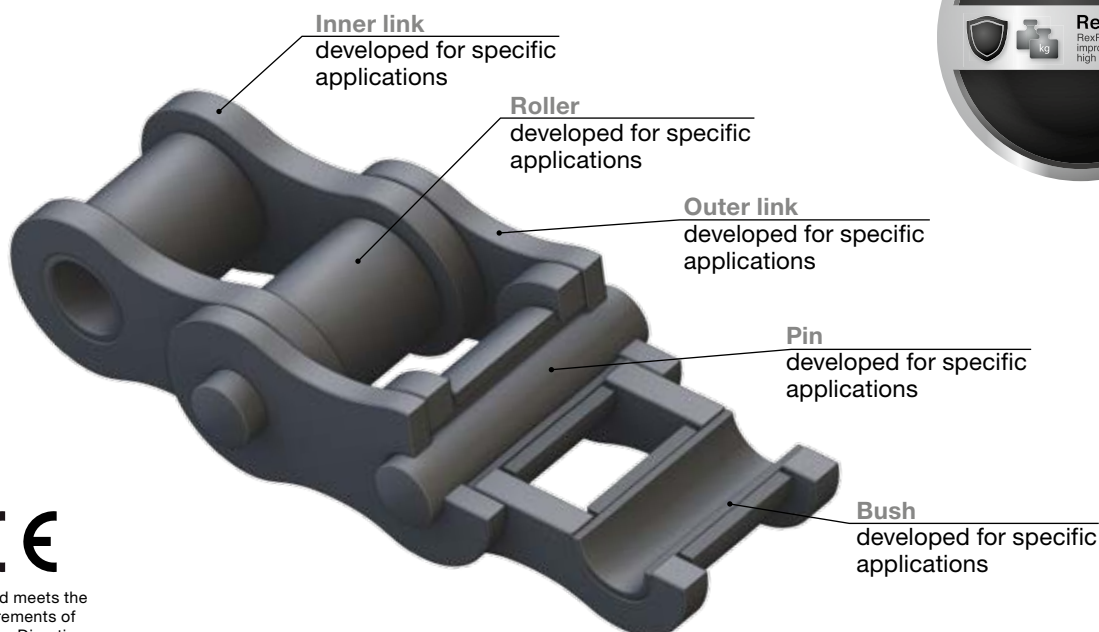
Roller chains | Factory standard

RexPro
RexPro lubrication
improved wear resistance
high fatigue resistance



Factory standard Roller chains

High Performance from Rexnord.



Rexnord meets the requirements of Machine Directive 2006/42/EC

APPLICATIONS

- Drilling rigs
- Road construction
- Agriculture and forestry

CHARACTERISTICS

- Fulfills the stringent demands set by the excellent RexPro standards
- Enlarged bearing area
- Higher breaking strength
- Highest fatigue resistance
- Compatible with European type

ADVANTAGES

- For high-performance power transmission
- Very high impact strength
- Very robust, even under the toughest conditions

LUBRICATION

- RexPro lubrication without heavy metals for improved protection
- Operating temperature: -30° C to +130° C (can be extended from -40° C to +250° C)
- Very good surface adhesion; remains drip resistant even at high temperatures
- No heavy metals; Teflon- and silicone-free

RexPro - High performance from Rexnord



Excellent Corrosion Protection

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- More than 100 % better in the buckling test
- Highly versatile, also suitable for aggressive environments



Improved Wear Resistance

- 8 - 12 % improvement in comparison to predecessor
- Great protection through RexPro lubrication
- Long working life
- High operating reliability



High Fatigue Resistance

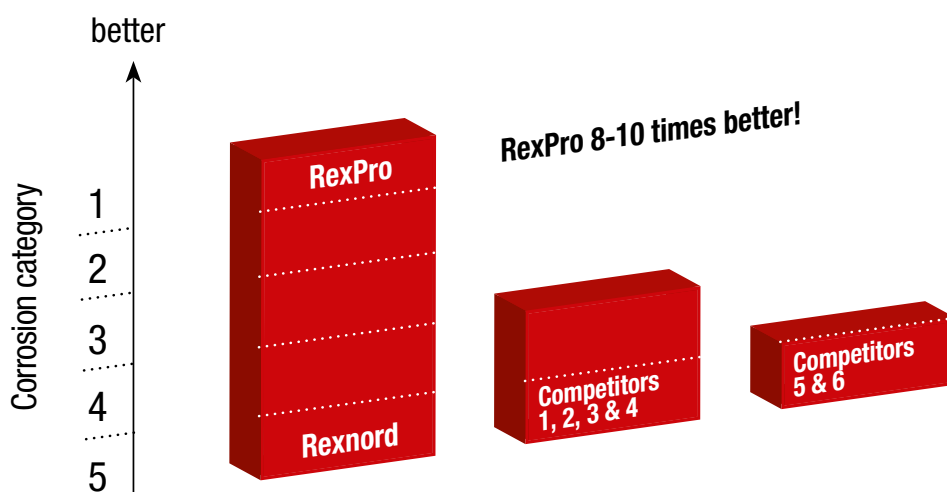
- Ball-drifted plate holes
- Shot-peened chain links, seam-free rollers
- High pre-loading



Eco friendly

- Through RexPro lubrication
- No heavy metals; Teflon- and silicone-free
- Environmental management system conforms to DIN EN ISO 14001

Salt spray test in accordance with DIN EN ISO 9227



Rexnord meets the requirements of Machine Directive 2006/42/EC

Factory standard Roller chains

Tailored solutions for specific applications.



Rexnord meets the requirements of Machine Directive 2006/42/EC



Applications & Characteristics

- For heavy-duty drives and lifting purposes
- High loading capacity



Maintenance & Service life

- Very robust
- Long service life

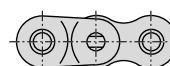
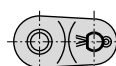
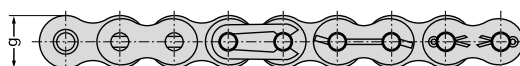
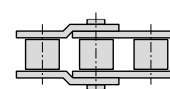
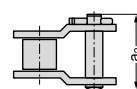
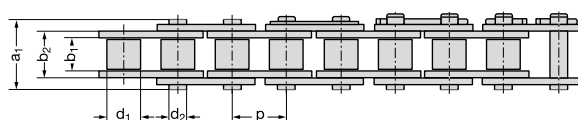


Eco friendly

- Through RexPro lubrication
- No heavy metals; Teflon- and silicone-free
- Environmental management system conforms to DIN EN ISO 14001

Roller chains, Factory standard

Chain No.	Pitch		Width between inner plates	Roller diameter	Pin diameter	Width over inner link	Plate depth	Transverse pitch	Pin length	Locking pin length	Bearing area	Average tensile strength	Weight	Components					
	p	b ₁ min	d ₁ max	d ₂ max	b ₂ max	g	e	a ₁ max	a ₃ max	A	F _b	q	A	B	C	E	L	S	
Inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
Re 217	0.50	12.7	6.40	8.51	4.45	9.93	11.6	—	15.4	18.9	0.44	18 000	0.7	x	x	x	x	x	
Re 317	0.625	15.875	6.48	10.16	5.08	10.08	14.7	—	16.0	20.0	0.51	23 600	0.8	x	x	x	x	x	
Re 425	0.75	19.05	13.50	12.07	5.72	19.40	16.8	—	27.0	31.8	1.12	33 500	1.6	x	x	x	x	x	x
Re 487	0.787	20	16.00	12.00	6.00	22.50	19.0	—	32.1	35.9	1.35	35 500	2.0	x	x	x	x	x	x
He 488	0.787	20	16.00	12.00	8.00	22.50	19.0	—	32.5	37.3	1.80	35 500	2.0	x	x	x			
Re 514	1.00	25.4	12.70	14.00	7.00	19.07	19.7	—	27.3	33.1	1.33	45 000	1.7	x	x	x	x	x	x
Re 516	1.00	25.4	12.70	15.88	8.28	21.07	20.6	—	30.8	37.6	1.74	63 000	2.4	x	x	x	x	x	x
Re 525	1.00	25.4	12.70	12.70	7.00	19.07	20.8	—	27.4	32.5	1.33	45 000	1.6	x	x	x	x	x	x
Re 626	1.18	30	17.02	15.88	8.28	25.40	20.5	—	35.5	41.9	2.10	63 000	2.3	x	x	x		x	x



B
inner
link

A
outer
link

E
connecting
link with
spring clip

G
connecting
link with
single wire

S
connecting
link with
cotter pin

L
cranked
link with
cotter pin

C
double
cranked link



High Performance from Rexnord

Plate link chains





RexPro
RexPro lubrication
improved wear resistance
high fatigue resistance

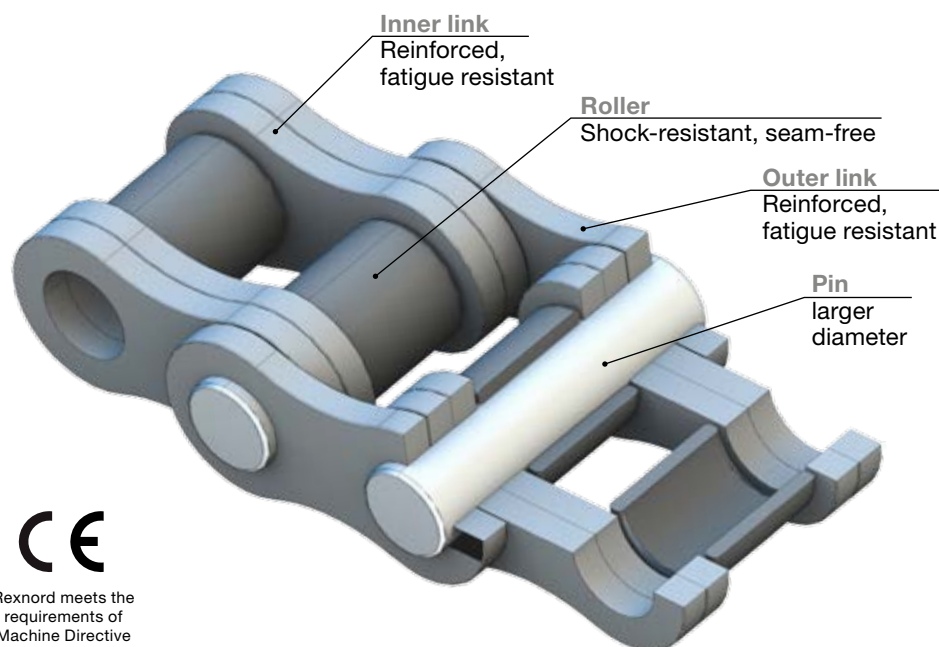


**Highly
robust**

through reinforced
link plates and pins

Plate link chains

High Performance from Rexnord.



Rexnord meets the
requirements of
Machine Directive
2006/42/EC

APPLICATIONS

- Steelmaking, heavy mechanical engineering
- Special applications
- Container transport systems

CHARACTERISTICS

- Fulfills the stringent demands set by the excellent RexPro standards
- Combines the advantages of roller chains and leaf chains
- Reinforced pins and higher breaking strength
- Double quantity of movable plate links

ADVANTAGES

- Synchronization of lifting operations possible
- Power distribution possible via chain sprocket
- Higher operating reliability and longer service life

LUBRICATION

- Easy relubrication
- Outstanding protection through RexPro lubrication without heavy metals
- Operating temperature: -30°C to +130°C (can be extended from -40°C to +250°C)
- Very good surface adhesion; remains drip resistant even at high temperatures
- No heavy metals; Teflon- and silicone-free

RexPro - High performance from Rexnord



Excellent Corrosion Protection

- 8 - 10 times better than the best competitors
- More than 100 % better in the buckling test
- Highly versatile, also suitable for aggressive environments



Improved Wear Resistance

- 8 - 12 % improvement in comparison to predecessor
- Great protection through RexPro lubrication
- Long working life
- High operating reliability



High Fatigue Resistance

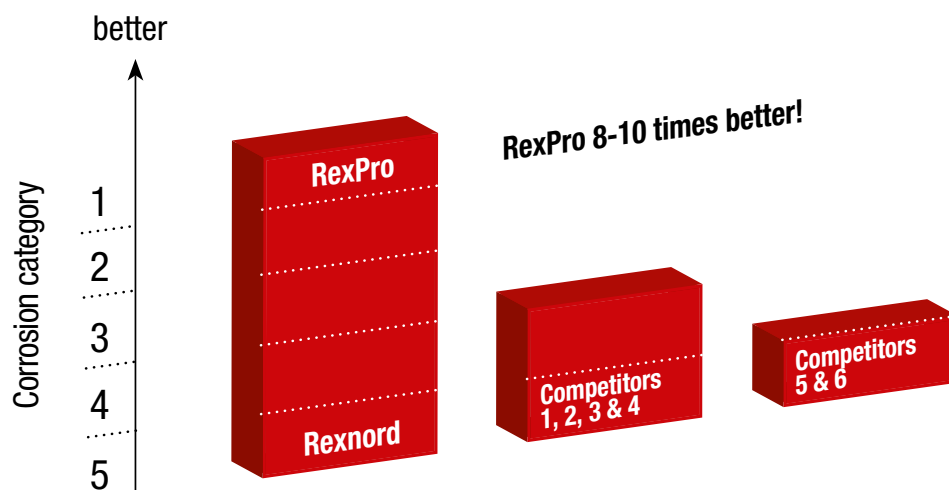
- Ball-drifted plate holes
- Shot-peened chain links, seam-free rollers
- High pre-loading



Eco friendly

- Through RexPro lubrication
- No heavy metals; Teflon- and silicone-free
- Environmental management system conforms to DIN EN ISO 14001

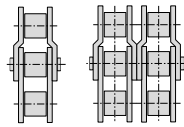
Salt spray test in accordance with DIN EN ISO 9227



Rexnord meets the requirements of Machine Directive 2006/42/EC

Plate link chains

High Performance from Rexnord.



Simplex & Duplex Plate link chains



Rexnord meets the requirements of Machine Directive 2006/42/EC



Applications & Characteristics

- For heavy-duty drives and lifting purposes
- High loading capacity



Maintenance & Service life

- Very robust
- Long service life



Eco friendly

- Through RexPro lubrication
- No heavy metals; Teflon- and silicone-free
- Environmental management system conforms to DIN EN ISO 14001

Simplex-Plate link chains

Chain No.	Pitch		Width between inner plates	Roller diameter	Pin diameter	Clear width outer link	Plate link thickness		Plate depth	Transverse pitch	Pin length	Bearing area	Average tensile strength	Weight	VGL-S
	p						b ₁ min	d ₁ max							
	Inch	mm	mm	mm	mm	mm			mm	mm	mm	cm²	N	kg/m	
50 - 1 SL/A	2.00	50.8	31.55	28.58	20.35	57.5	6.3	6.3	47.8	—	75.5	5.1	270 000	14.9	x
64 - 1 S	2.50	63.5	38.10	39.38	30.00	77.0	9.5	9.5	59.5	—	104.0	11.4	530 000	28.0	x
64 - 1 SH	2.50	63.5	38.10	39.38	30.00	71.5	8.0	11.0	59.5	—	101.0	9.6	600 000	25.5	x
64 - 1 SHBK	2.50	63.5	27.60	39.38	30.00	67.0	9.5	11.0	59.5	—	95.0	11.4	600 000	27.5	x

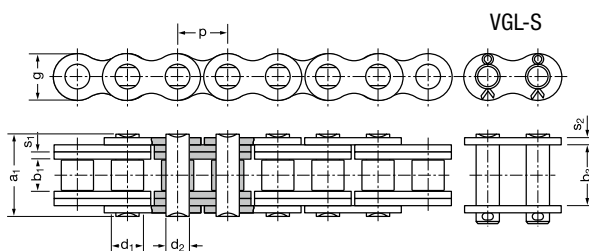


Plate link chain RLK 50-1 SL/A, Plate link chain 64-1 S / SH / SH BK

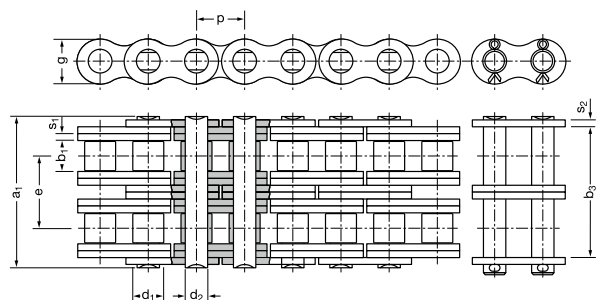


Plate link chain RLK 50-2 SL/A

Duplex-Plate link chains

Chain No.	Pitch		Width between inner plates	Roller diameter	Pin diameter	Clear width outer link	Plate link thickness		Plate depth	Transverse pitch	Pin length	Bearing area	Average tensile strength	Weight	VGL-S
	p						s ₁	s ₂							
	inch	mm	b ₁ min	d ₁ max	d ₂ max	b ₃ min			g	e	a ₁ max	A	F _b	q	
				mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	
50 - 2 SL/A	2.00	50.8	31.55	28.58	20.35	128.0	6.3	6.3	47.8	70.5	146.0	10.2	540 000	29.4	x



High Performance from Rexnord

Rotary chains

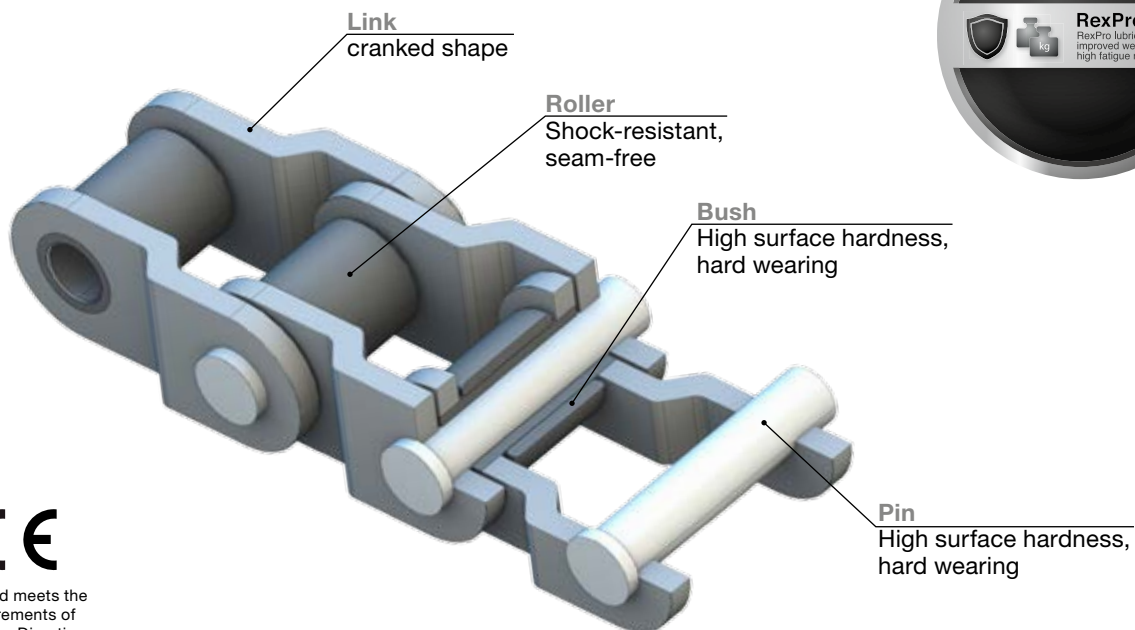
REXNORD

  **RexPro**
RexPro lubrication
improved wear resistance
high fatigue resistance



Rotary chains

High Performance from Rexnord.



Rexnord meets the
requirements of
Machine Directive
2006/42/EC

APPLICATIONS

- Drum drives
- Looped drives
- Segmented drives

CHARACTERISTICS

- Especially robust
- Pins are torsion-proof
- Induction-hardened pins for high wear resistance

ADVANTAGES

- Dirt-proof and shockproof
- Easy to dismantle, any pin can be removed
- Low noise
- Efficient power transmission through optimized meshing conditions

RexPro - High performance from Rexnord



Excellent Corrosion Protection

- 8 - 10 times better than the best competitors
- More than 100 % better in the buckling test
- Highly versatile, also suitable for aggressive environments



Improved Wear Resistance

- 8 - 12 % improvement in comparison to predecessor
- Great protection through RexPro lubrication
- Long working life
- High operating reliability



High Fatigue Resistance

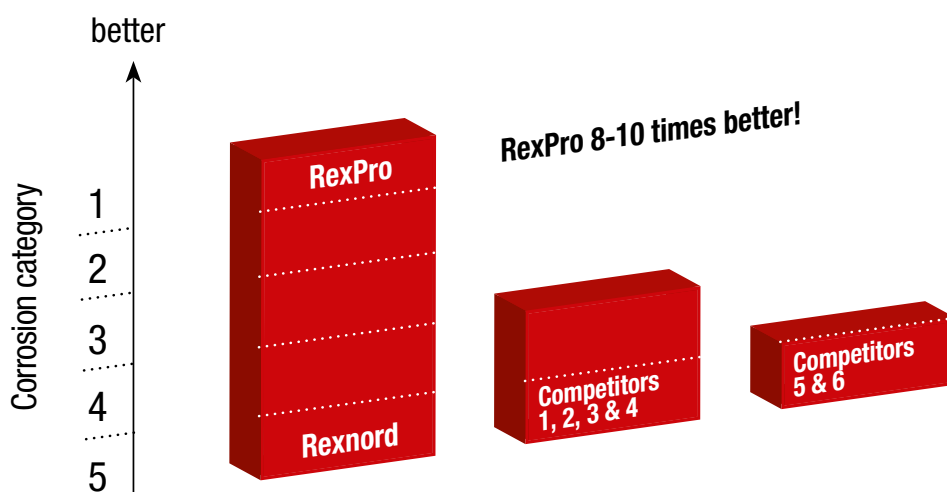
- Ball-drifted plate holes
- Shot-peened chain links, seam-free rollers
- High pre-loading



Eco friendly

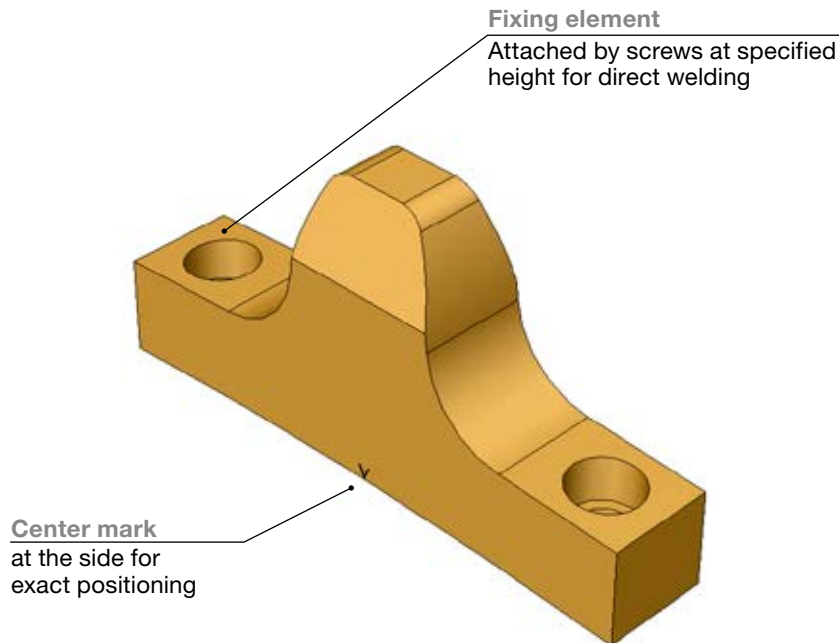
- Through RexPro lubrication
- No heavy metals; Teflon- and silicone-free
- Environmental management system conforms to DIN EN ISO 14001

Salt spray test in accordance with DIN EN ISO 9227



Rexnord meets the requirements of Machine Directive 2006/42/EC

Rexnord segmented sprocket wheel system



APPLICATIONS

- Chains for drum drives
- Chains for looped drives
- Chains for segmented drives

CHARACTERISTICS

- System consists of individual blocks of teeth
- Drum pitch circle and diameter determine height of fixing elements
- Tooth base form of tooth blocks without fixing elements are adjusted to drum radius
- Required tooth base height is determined by drum diameter, pitch and number of teeth
- Adjusted tooth blocks can be attached directly to the drum surface
- Recommended material for tooth blocks: ST 52-3
- Processed outer contour and contact surface
- Intermediate arc components produced by drum manufacturer
- Intermediate arc components with same height and width dimensions as tooth blocks
- Intermediate arc components are used to support the chain

ADVANTAGES

- Cheaper than a large solid sprocket wheel
- Large or small tooth block clearances can be selected according to drive type
- Patented
- Tooth blocks produced in house
- Tooth blocks produced depending on application
- Optimum precision
- Functional reliability

Rotary chains

High Performance from Rexnord.



Applications & Characteristics

- For heavy-duty drives and lifting purposes
- High loading capacity



Maintenance & Service life

- Very robust
- Long service life



Eco friendly

- Through RexPro lubrication
- No heavy metals; Teflon- and silicone-free
- Environmental management system conforms to DIN EN ISO 14001

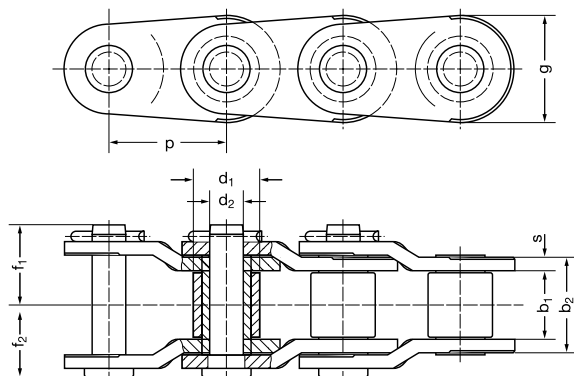


Rexnord meets the requirements of Machine Directive 2006/42/EC

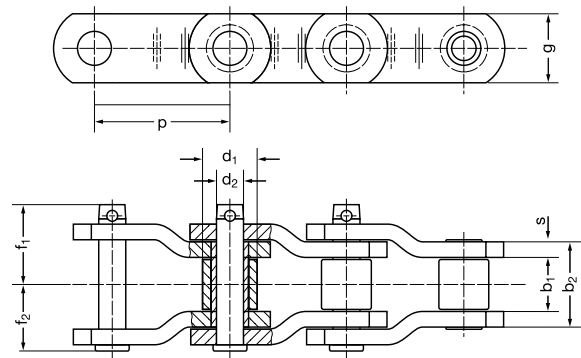
Rotary chains

Chain No.	Pitch		Width between inner plates	Roller diameter	Pin diameter	Clear width Outer link	Plate depth	Plate link thickness	Pins	Bearing area	Minimum breaking strength	Weight	Type	
	p	Inch												mm
b ₁ min	d ₁ max	d ₂ max	b ₃ min	g	s	A	F _u	q						
mm	mm	mm	mm	mm	mm	mm	mm	mm	cm ²	N	kg/m			
Ro 20	2.00	50.8	30.6	28.58	14.27	71.5	48.0	6.35	TH	6.40	222 500	9.9	A	
Ro 20 H	2.00	50.8	30.6	28.58	15.06								A	
1037	3.075	78.1	36.5	31.75	16.46	95.2	44.5	9.5	SIH	9.40	280 400	12.8	A	
Ro 3	3.075	78.1	36.9	31.75	15.875	88.2	41.5	8.0	SIH	8.50	271 500	11.0	B	
Ro 3 B	3.067	77.9	38.5	41.28	19.05	99.3	57.5	9.5	SIH	11.2	400 500	18.0	B	
Ro 3.5	3.50	88.9	36.9	44.45	22.22	114.0	57.5	12.7	SIH	14.1	556 300	23.6	B	
Ro 4	4.063	103.2	48.0	44.45	22.22	125.1	54.0	12.7	SIH	16.6	476 200	19.4	B	
Ro 4 B	4.073	103.5	47.6	45.24	23.81	132.3	60.5	14.3	SIH	18.5	650 000	27.9	B	
Ro 4.5	4.50	114.3	50.8	57.15	27.78	136.6	76.5	14.3	CIH	22.5	894 500	32.9	B	
Ro 5 B	5.00	127.0	68.3	63.50	31.75	156.9	89.0	15.9	SIH	32.2	116 1500	52.5	B	
Ro 6	6.00	152.4	74.6	76.20	38.10	182.3	102.0	19.0	CIH	43.5	164 6500	67.1	B	

F_b - breaking force • TH - hardened and tempered • SIH - partially induction hardened • CIH - induction-hardened



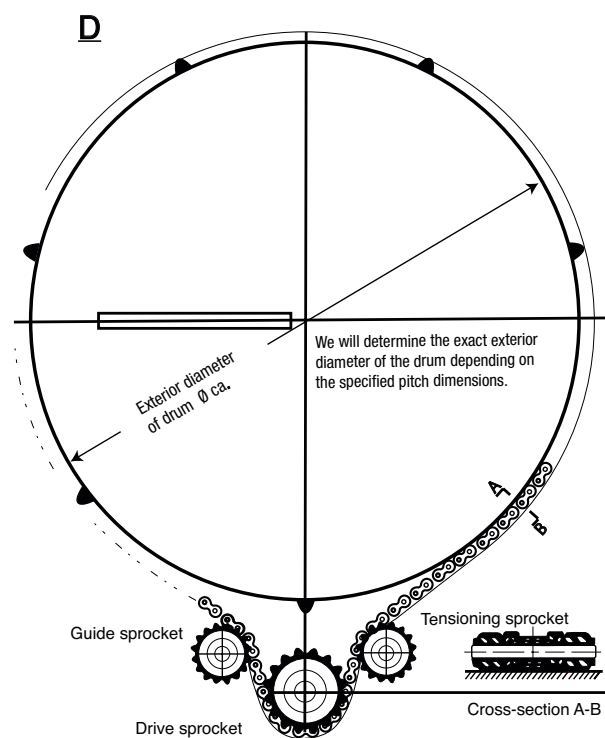
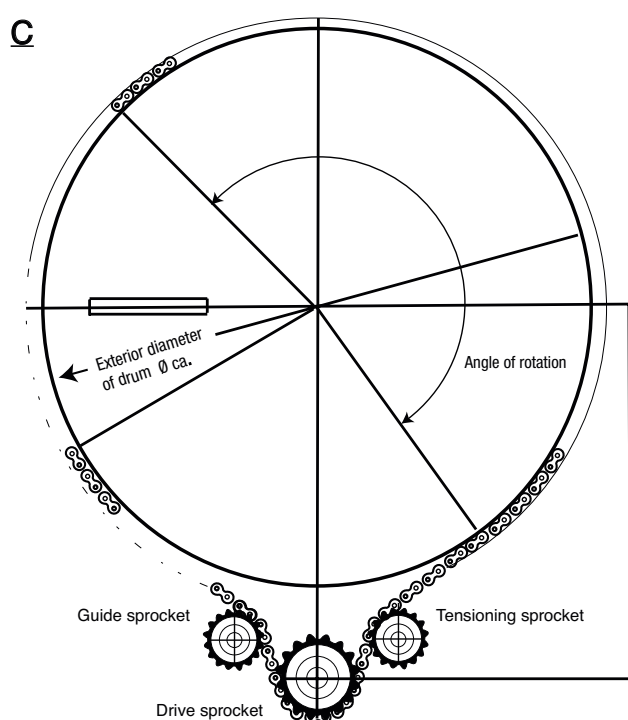
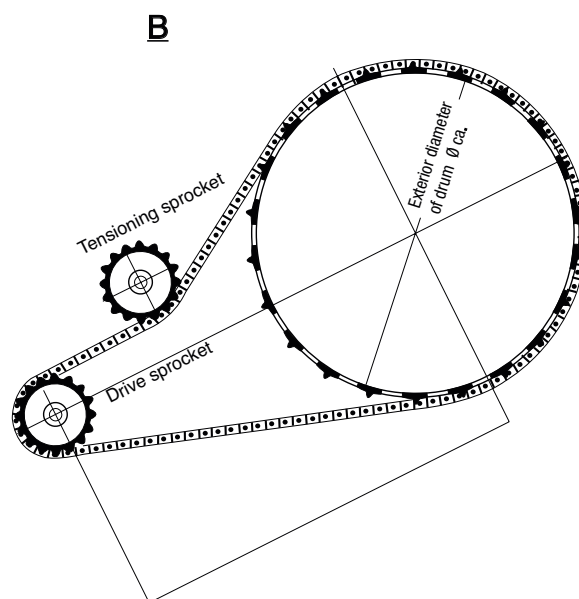
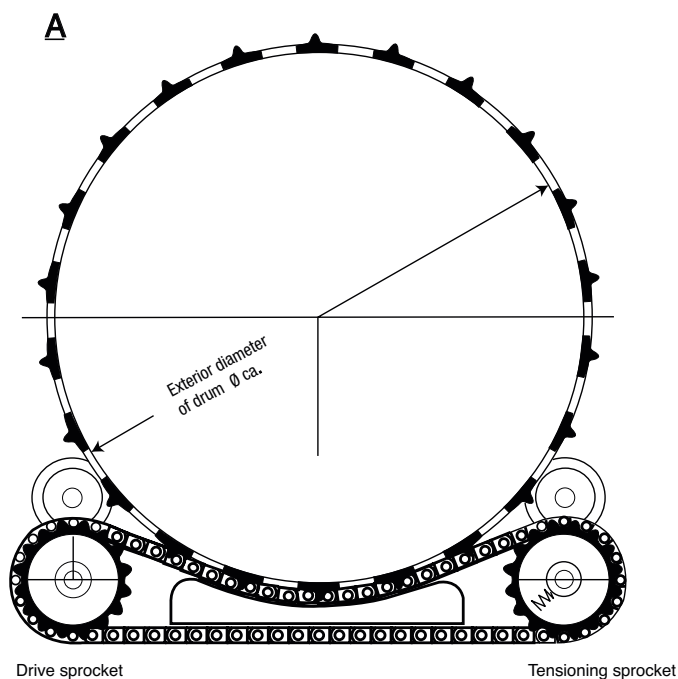
Type A



Type B

Determination of drive type and dimensions

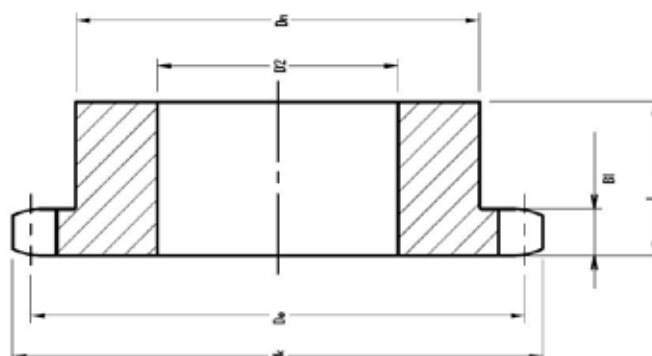
Please enter your drive layout in the sketch version A, B, C or D as appropriate. However, if your planned drive solution is different from the versions illustrated, please send us a sketch with details of your proposed drive configuration. Our experienced drive engineers will be pleased to help if you have any technical questions or drive problems requiring solution. Take advantage of our wide experience in the field of drive engineering to ensure that you find the optimum drive configuration for your requirements.



Sprockets

Sprockets for rotary chains and roller chains with one-sided hub	Number of teeth	Pitch circle ø	Tooth width	Outside ø	Hub ø	Pre-bore ø	Bore size max	Total length	Weight approx.	Order No.
	Z	d ₀	B ₁	d _K	d ₀	d ₂	d ₂	L	kg	
Ro 20 / Ro 20 H Pitch 50.8 mm	17	276.5	28	294	130	50	70	85	17	021-200-17
	19	308.7	28	327	130	50	70	85	20	021-200-19
	21	340.9	28	359	130	50	70	85	24	021-200-21
	23	373.1	28	392	140	50	75	90	29	021-200-23
	25	405.3	28	424	140	50	75	90	33	021-200-25
Ro 3b Pitch 77.9 mm	17	423.3	34	469	200	60	110	130	52	021-302-17
	19	473.3	34	520	200	60	110	130	61	021-302-19
	21	522.7	34	571	200	60	110	130	71	021-302-21
	23	572.2	34	622	200	60	110	130	83	021-302-23
	25	621.6	34	673	200	60	110	130	95	021-302-25
Ro 3 / Ro 3c Pitch 78.1 mm	17	425.0	34	469	160	60	90	110	44	021-300-17
	19	474.5	34	520	160	60	90	110	54	021-300-19
	21	524.1	34	571	170	60	95	110	65	021-300-21
	23	573.6	34	622	170	60	95	110	79	021-300-23
	25	623.2	34	673	200	60	110	130	95	021-300-25
Ro 4 Pitch 103.2 mm	17	561.6	44	616	235	70	130	155	107	021-400-17
	19	627.0	44	684	250	70	140	170	135	021-400-19
	21	692.5	44	751	250	70	140	170	158	021-400-21
	23	758.0	44	818	250	70	140	170	184	021-400-23
	25	823.4	44	884	270	70	150	180	220	021-400-25
Ro 4 ½ Pitch 114.3 mm	17	622.0	47	685	270	80	150	180	147	021-450-17
	19	694.4	47	758	270	80	150	180	175	021-450-19
	21	766.9	47	830	290	80	160	190	215	021-450-21
	23	839.5	47	905	290	80	160	190	249	021-450-23
	25	912.0	47	977	290	80	160	190	285	021-450-25
Ro 5 b Pitch 127.0 mm	17	691.1	63	760	310	80	170	200	231	021-502-17
	19	771.7	63	840	320	80	180	210	282	021-502-19
	21	852.2	63	920	320	80	180	210	333	021-502-21
	23	932.8	63	1000	320	80	180	210	389	021-502-23
	25	1013.8	63	1080	340	80	190	225	464	021-502-25
Ro 6 Pitch 152.4 mm	17	829.4	69	910	360	90	200	240	370	021-600-17
	19	926.0	69	1005	360	90	200	240	442	021-600-19
	21	1022.6	69	1100	360	90	220	240	510	021-600-21
	23	1119.4	69	1200	360	90	220	240	598	021-600-23
	25	1216.0	69	1297	360	90	220	240	694	021-600-25
48 B Pitch 76.2 mm	17	414.7	41	446	235	70	130	155	85	021-076-17
	19	463.0	41	494	250	70	140	170	101	021-076-19
	21	511.3	41	543	250	70	140	170	111	021-076-21
	23	559.6	41	591	250	70	140	170	122	021-076-23
	25	608.0	41	644	270	70	150	180	148	021-076-25
56 B Pitch 88.9 mm	17	483.8	50.8	519	270	80	150	180	128	021-088-17
	19	540.2	50.8	575	270	80	150	180	148	021-088-19
	21	596.5	50.8	632	290	80	150	190	179	021-088-21
	23	652.9	50.8	688	290	80	150	190	198	021-088-23
	25	709.3	50.8	750	290	80	150	190	228	021-088-25

Sprockets are supplied with one-sided hub as standard. Symmetrical and asymmetrical versions available on request. Minimum strength of steel sprockets is 590 N/mm². Tooth hardening on request.





High Performance from Rexnord

Side bow roller chains



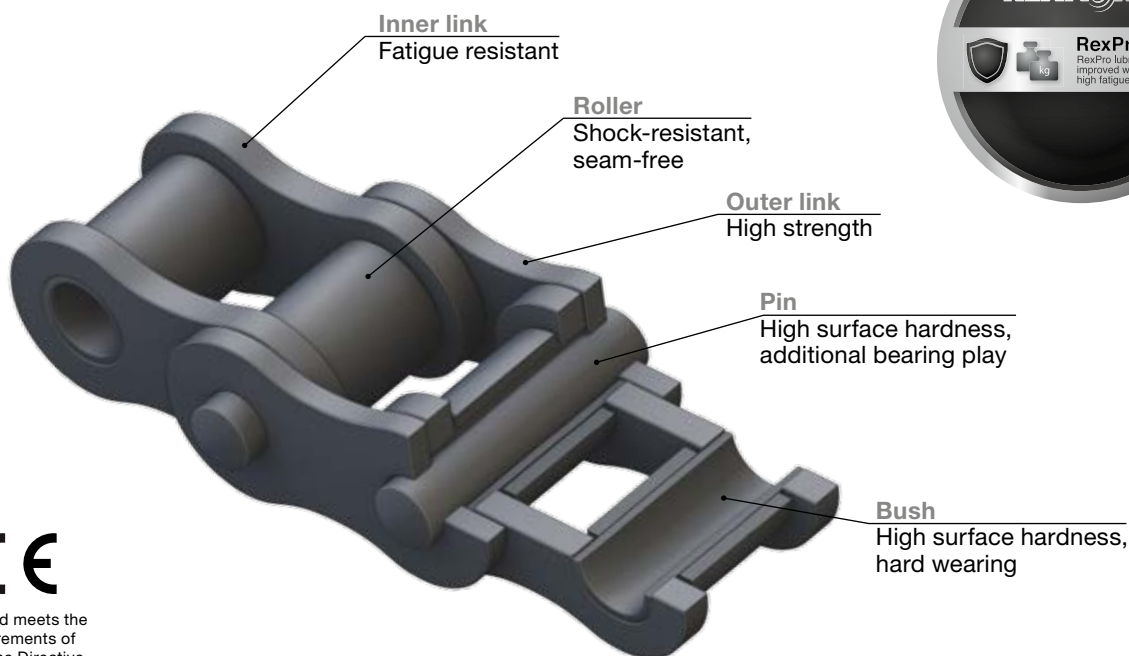


RexPro
RexPro lubrication
improved wear resistance
high fatigue resistance



Side bow roller chains

High Performance from Rexnord.



Rexnord meets the requirements of Machine Directive 2006/42/EC

APPLICATIONS

- Automotive industry, bottling and beverage plants, textile industry, agricultural machinery
- Food and confectionery industry, packing industry, conveyor engineering
- Pharmaceutical industry, paper and wood processing, machine and plant manufacturers

CHARACTERISTICS

- High fatigue resistance
- Improved wear resistance
- Outstanding corrosion protection
- Very environmentally friendly
- Manufactured from high-performance materials
- Ball-drifted plate holes
- Seam-free rollers
- Shot-peened pins, plates, bushes and rollers
- Delivered adjusted and torsion-free on request
- NSF H2 certification, RoHS:2005 compliant

ADVANTAGES

- Minimal bedding-in elongation
- Longer working life
- Very high impact strength
- Very robust under the toughest conditions
- Maximum operating reliability
- Improved cost-effectiveness

LUBRICATION

- RexPro lubrication without heavy metals for improved protection
- Operating temperature: -30° C to +130° C (can be extended from -40° C to +250° C)
- Very good surface adhesion; remains drip resistant even at high temperatures
- No heavy metals, Teflon- and silicone-free

RexPro - High performance from Rexnord



Excellent Corrosion Protection

- 8 - 10 times better than the best competitors
- More than 100 % better in the buckling test
- Highly versatile, also suitable for aggressive environments



Improved Wear Resistance

- 8 - 12 % improvement in comparison to predecessor
- Great protection through RexPro lubrication
- Long working life
- High operating reliability



High Fatigue Resistance

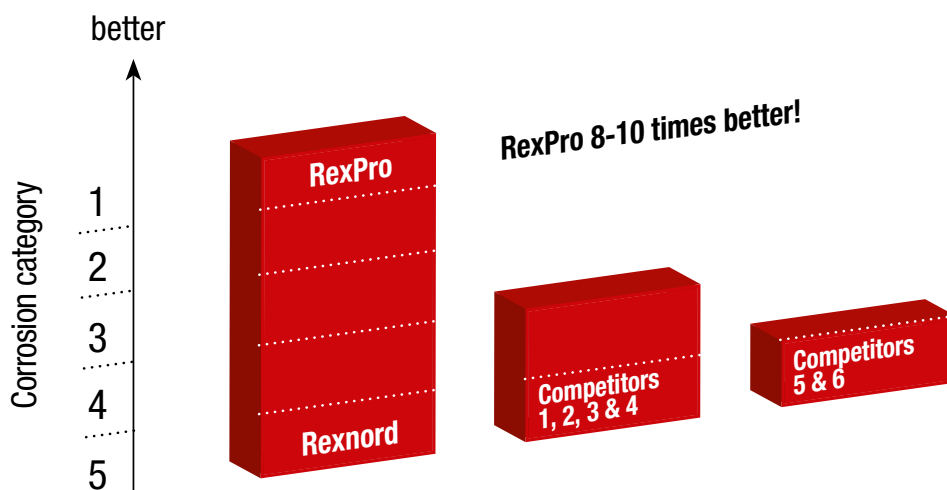
- Ball-drifted plate holes
- Shot-peened chain links, seam-free rollers
- High pre-loading



Eco friendly

- Through RexPro lubrication
- No heavy metals; Teflon- and silicone-free
- Environmental management system conforms to DIN EN ISO 14001

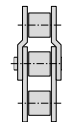
Salt spray test in accordance with DIN EN ISO 9227



Rexnord meets the requirements of Machine Directive 2006/42/EC

Side bow roller chains

High Performance from Rexnord.



Simplex roller chains



CE
Rexnord meets the
requirements of
Machine Directive
2006/42/EC



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- More than 100 % better in the buckling test
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Improved Wear Resistance

- 8 - 12 % improvement in comparison to predecessor
- Great protection through RexPro lubrication
- Long working life
- High operating reliability



High Fatigue Resistance

- Ball-drifted plate holes
- Shot-peened chain links, seam-free rollers
- High pre-loading

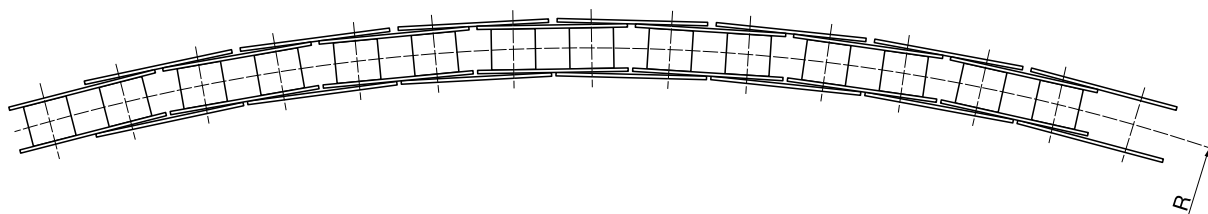
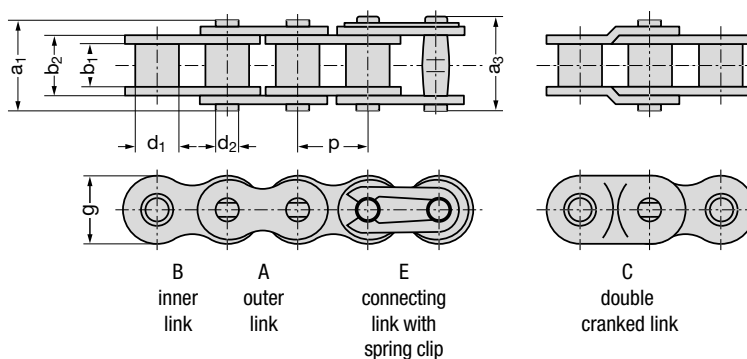


Eco friendly

- Through RexPro lubrication
- No heavy metals; Teflon- and silicone-free
- Environmental management system conforms to DIN EN ISO 14001

Side bow roller chains, Principal dimensions by European and American type (DIN 8187 / 8188)

Chain No.	Pitch		Width between inner plates	Roller diameter	Pin diameter	Width over inner link	Plate depth	Pin length	Connecting pin length	Radius	Stipulated min breaking load according to DIN/ISO	Weight	Components			
	p	b ₁ min	d ₁ max	d ₂ max	b ₂ max	g	a ₁ max	a ₃ max	R	F _U	q	A	B	C	E	
	Inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	N	kg/m				
08 B - 1 SB	0.50	12.7	7.75	8.51	4.45	11.30	11.8	17.1	18.3	315	11 200	0.7			x	x
10 B - 1 SB	0.625	15.875	9.65	10.16	5.08	13.28	14.7	19.4	20.6	400	15 000	0.9			x	x
12 B - 1 SB	0.75	19.05	11.68	12.07	5.72	15.61	15.9	22.5	23.7	500	20 000	1.2			x	x
63	0.75	19.05	12.80	11.91	5.08	17.60	16.8	29.1	-	356	26 000	1.4				





High Performance from Rexnord

Marine diesel version



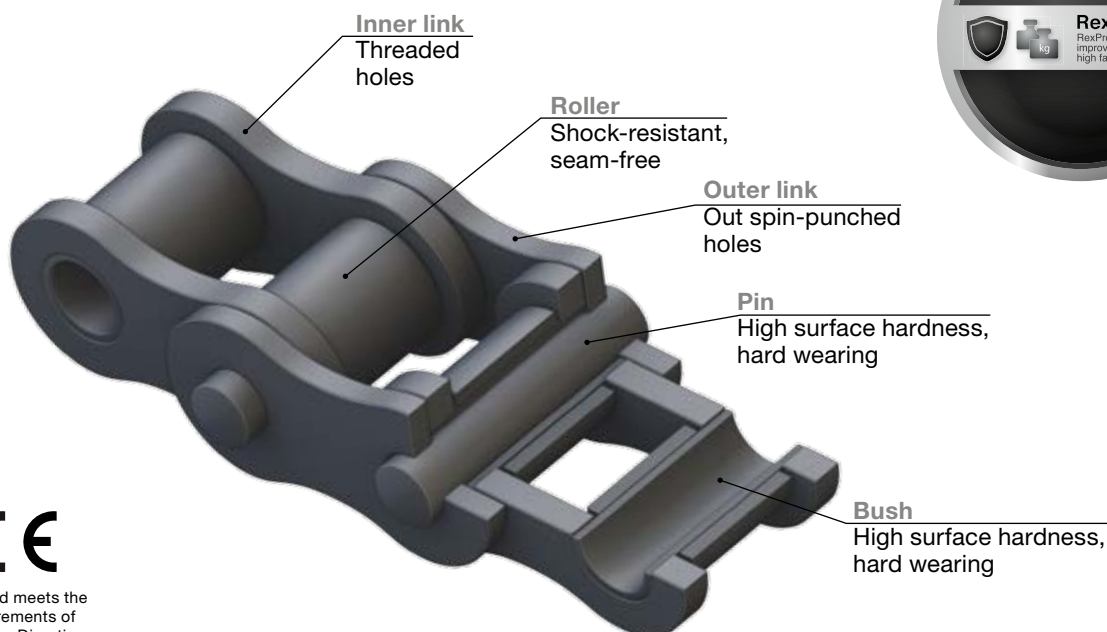


RexPro
RexPro lubrication
improved wear resistance
high fatigue resistance



Marine diesel version

High Performance from Rexnord.



Rexnord meets the requirements of Machine Directive 2006/42/EC

APPLICATIONS

- Steelmaking industry e.g. looping towers
- Heavy mechanical engineering
- Marine diesel timing chains

CHARACTERISTICS

- High-precision adjustability
- Special Rexnord inner link contour for outstanding fatigue resistance
- Optimum operating reliability

ADVANTAGES

- Suitable for use where other roller chains have reached their performance limit
- Long service life
- Optimum running-in performance

LUBRICATION

- RexPro lubrication without heavy metals for improved protection
- Operating temperature: -30°C to +130°C (can be extended from -40°C to +250°C)
- Very good surface adhesion; remains drip resistant even at high temperatures
- No heavy metals, Teflon- and silicone-free

RexPro - High performance from Rexnord



Excellent Corrosion Protection

- 8 - 10 times better than the best competitors
- More than 100 % better in the buckling test
- Highly versatile, also suitable for aggressive environments



Improved Wear Resistance

- 8 - 12 % improvement in comparison to predecessor
- Great protection through RexPro lubrication
- Long working life
- High operating reliability



High Fatigue Resistance

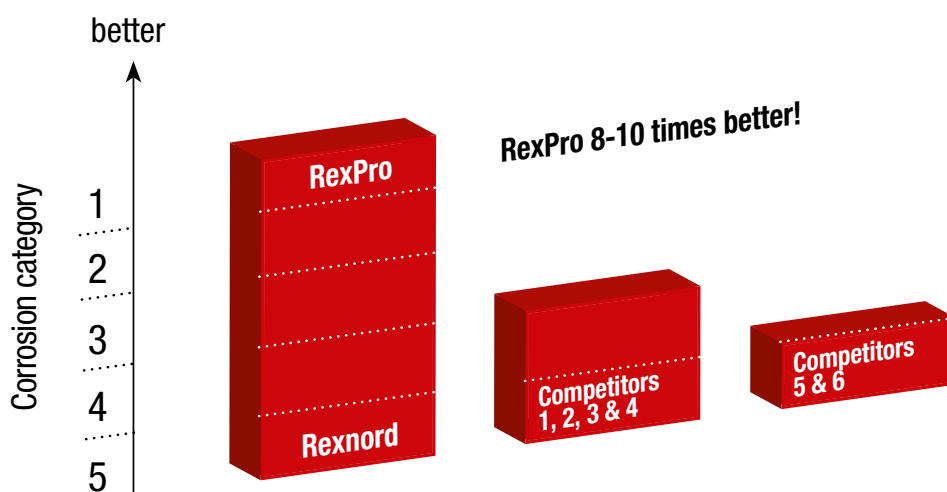
- Ball-drifted plate holes
- Shot-peened chain links, seam-free rollers
- High pre-loading



Eco friendly

- Through RexPro lubrication
- No heavy metals; Teflon- and silicone-free
- Environmental management system conforms to DIN EN ISO 14001

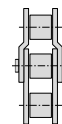
Salt spray test in accordance with DIN EN ISO 9227



Rexnord meets the requirements of Machine Directive 2006/42/EC

Marine diesel version

High Performance from Rexnord.



Simplex roller chains



CE
Rexnord meets the requirements of Machine Directive 2006/42/EC



Excellent Corrosion Protection

- 8 - 10 times better than the best competitors
- More than 100 % better in the buckling test
- Highly versatile, also suitable for aggressive environments



Improved Wear Resistance

- 8 - 12 % improvement in comparison to predecessor
- Great protection through RexPro lubrication
- Long working life
- High operating reliability



High Fatigue Resistance

- Ball-drifted plate holes
- Shot-peened chain links, seam-free rollers
- High pre-loading

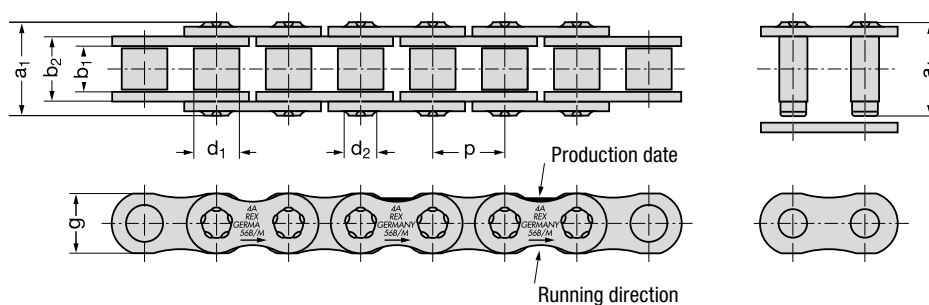


Eco friendly

- Through RexPro lubrication
- No heavy metals; Teflon- and silicone-free
- Environmental management system conforms to DIN EN ISO 14001

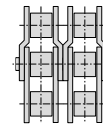
Simplex roller chains, ISO 606 / DIN 8187 (Marine-Diesel)

Chain No.	Pitch		Width between inner plates	Roller diameter	Pin diameter	Width over inner link	Plate depth	Transverse pitch	Pin length	Bearing area	Required minimum breaking strength DIN/ISO	Weight
	p	b ₁ min	d ₁ max	d ₂ max	b ₂ max	g	a ₁ max	a ₃ max	A	F _u	q	
	Inch	mm	mm	mm	mm	mm	mm	mm	mm	cm²	N	kg/m
32 B - 1 M	2.00	50.8	30.99	29.21	17.81	45.5	41.2	-	65.1	8.10	250 000	9.5
40 B - 1 M	2.50	63.5	38.10	39.37	22.89	55.7	55.3	-	82.6	12.7	355 000	17.0
48 B - 1 M	3.00	76.2	45.72	48.26	29.24	70.5	65.3	-	98.5	20.6	560 000	26.0
56 B - 1 M	3.50	88.9	53.34	53.98	34.32	81.3	80.3	-	114.0	27.9	850 000	37.0
64 B - 1 M	4.00	101.6	60.96	63.50	39.40	92.0	93.3	-	130.0	36.2	1 120 000	50.0
72 B - 1 M	4.50	114.3	68.58	72.39	44.50	103.0	105.3	-	147.0	46.2	1 400 000	65.0



Marine diesel version

High Performance from Rexnord.



Duplex roller chains



Excellent Corrosion Protection

- 8 - 10 times better than the best competitors
- More than 100 % better in the buckling test
- Highly versatile, also suitable for aggressive environments



Improved Wear Resistance

- 8 - 12 % improvement in comparison to predecessor
- Great protection through RexPro lubrication
- Long working life
- High operating reliability



High Fatigue Resistance

- Ball-drifted plate holes
- Shot-peened chain links, seam-free rollers
- High pre-loading



Eco friendly

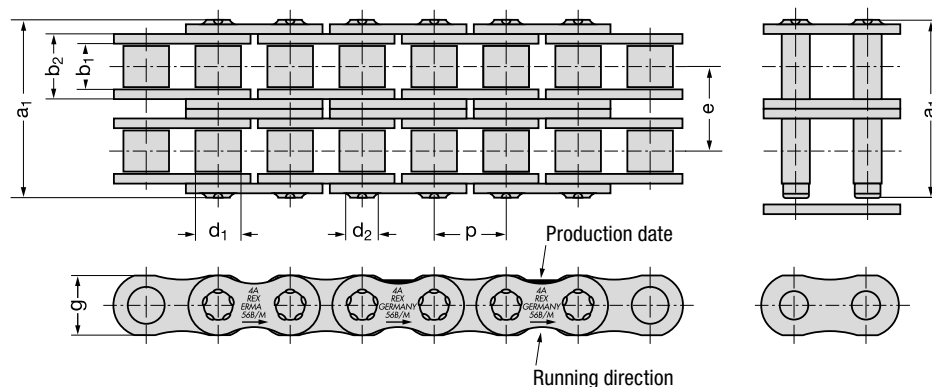
- Through RexPro lubrication
- No heavy metals; Teflon- and silicone-free
- Environmental management system conforms to DIN EN ISO 14001



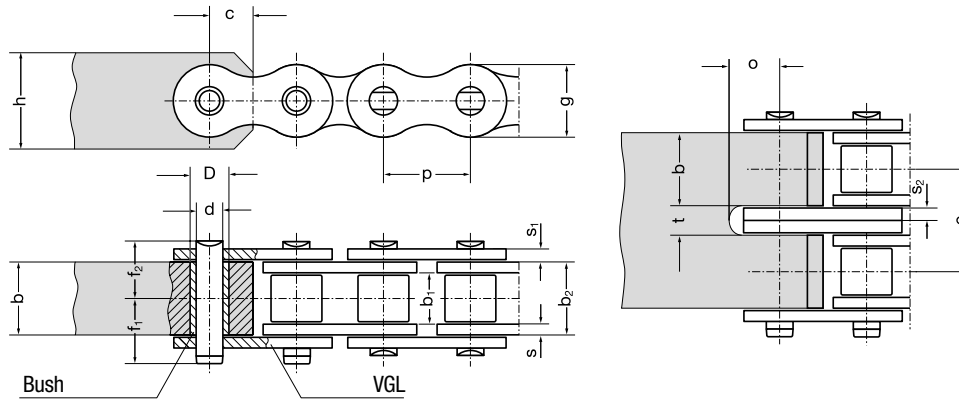
Rexnord meets the requirements of Machine Directive 2006/42/EC

Duplex roller chains, ISO 606 / DIN 8187 (Marine-Diesel)

Chain No.	Pitch p		Width between inner plates		Roller diameter		Pin diameter		Width over inner link		Plate depth		Transverse pitch		Pin length		Bearing area		Required minimum breaking strength DIN / ISO		Weight
	Inch	mm	b ₁ min	d ₁ max	d ₂ max	b ₂ max	g	e	a ₁ max	A	F _u	q									
40 B - 2 M	2.50	63.5	38.10	39.37	22.89	55.7	55.3	72.29	154.0	25.5	630 000	34.0									
48 B - 2 M	3.00	76.2	45.72	48.26	29.24	70.5	65.3	91.21	190.0	41.2	1 000 000	53.0									
56 B - 2 M	4.50	88.9	53.34	53.98	34.32	81.3	80.3	106.60	221.0	55.8	1 600 000	74.0									
64 B - 2 M	4.00	101.6	60.96	63.50	39.40	92.0	93.3	119.89	250.0	72.5	2 000 000	98.0									
72 B - 2 M	4.50	114.3	68.58	72.39	44.50	103.0	105.3	136.27	283.0	92.4	2 500 000	128.0									



Connecting dimensions for roller chains, European and American types



- Required material hardness of fixing elements: at least 490 N/mm²
- To increase wear resistance, fit a bush (surface hardness rating approx. 60 HRC) to the connecting element, if joint mobility is required at the connection point.
- Hardened bushes are not required in case of static loading
- Please order bushes using the corresponding bush part no.
- The bush bore diameters d^{C10} result from press-fitting in bore diameter D^{S7}
- If no bushes are fitted, the bore d^{C10} is inserted directly into the connection element

Connecting dimensions for roller chains, European type, ISO 606 / DIN 8187

Chain No.	Pitch		Width between inner plates	Width over inner link	Plate thickness																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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Connecting dimensions for roller chains, American type, ISO 606 / DIN 8188

Chain No.	Pitch		Width beet- ween inner plates	Width over inner link	Plate thickness																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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