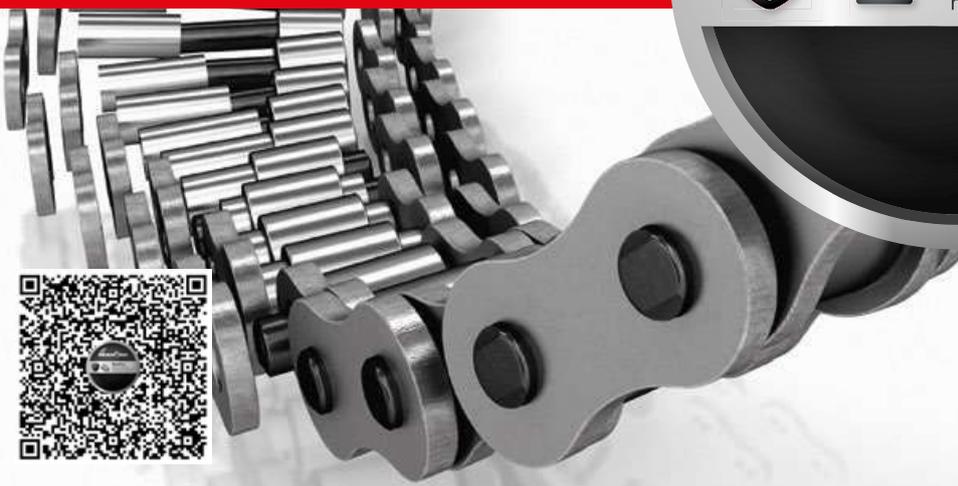




High Performance from Rexnord

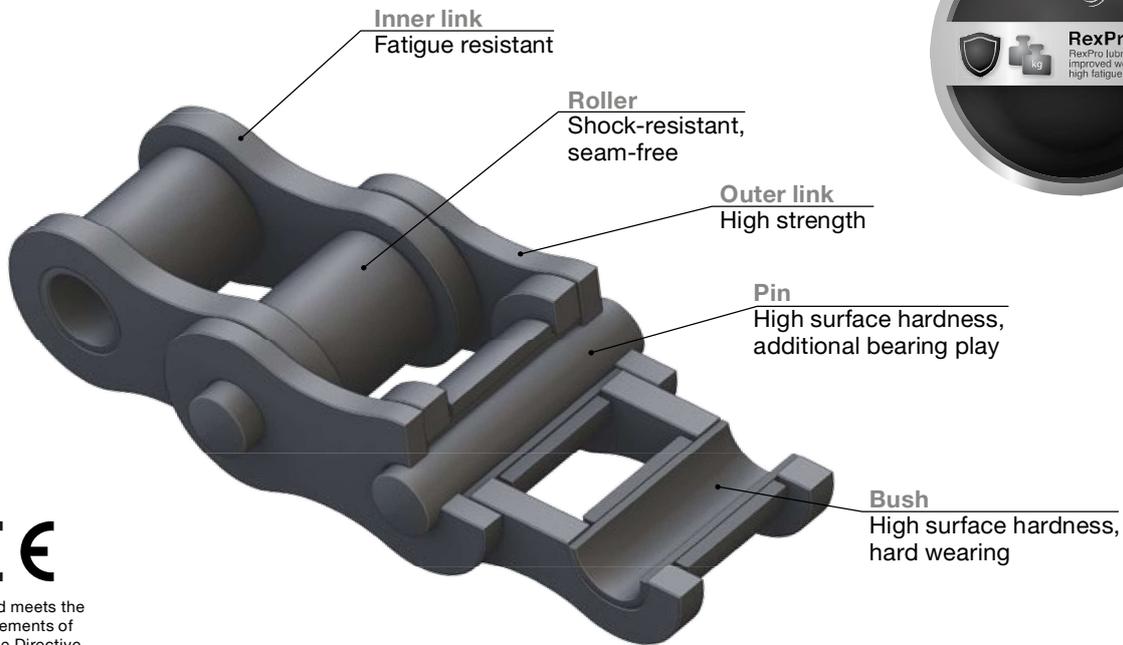
Side bow roller chains

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

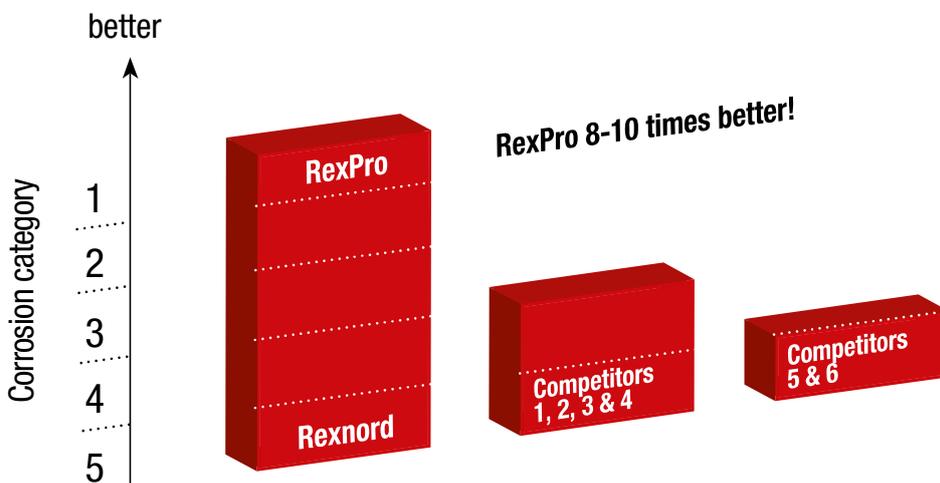
- Ball-drifted plate holes
- Shot-peened chain links, seam-free rollers
- High pre-loading



Eco friendly

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

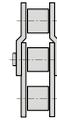
Salt spray test in accordance with DIN EN ISO 9227



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

Side bow roller chains

High Performance from Rexnord.



Simplex roller chains



RexPro
RexPro Lubrication
improved wear resistance
high fatigue resistance



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

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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

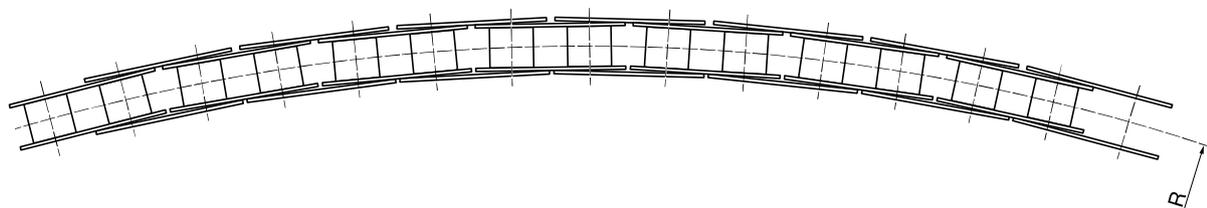
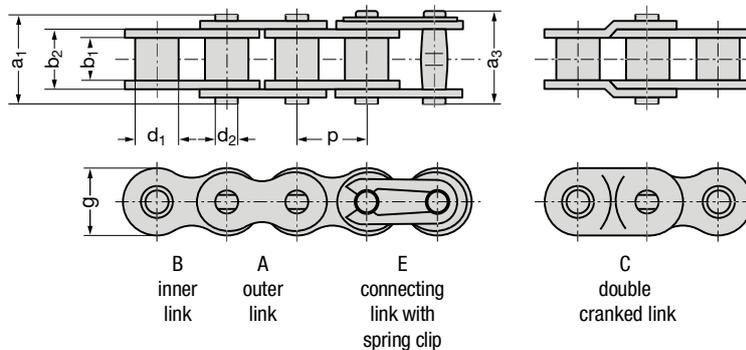


Eco friendly

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

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

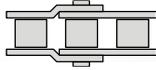
Chain No.	Pitch		Width between inner plates	Roller diameter	Pin diameter	Width over inner link	Plate depth	Pin length	Connecting pin length	Radius	Stipulated min breaking load according to DIN/ISO	Weight	Components			
	Inch	mm											b ₁ min	d ₁ max	d ₂ max	b ₂ max
	p		mm	mm	mm	mm	mm	mm	mm	mm	min	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				





Overview Rexnord roller chains

Roller Chains



REXNORD

RexPro
RexPro lubrication
improved wear resistance
high fatigue resistance

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

REXNORD

RexAthletic
good loading capacity
extended lubrication intervals

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

REXNORD

RexCarbon
no lubrication
low noise

- Maintenance-free
- Low noise
- Eco-friendly

REXNORD

RexPlus
excellent corrosion resistance
high reliability

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

REXNORD

RexPlusCarbon
no lubrication
excellent corrosion resistance

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

REXNORD

RexHiPro
good corrosion resistance
excellent loading capacity

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

Link-Belt®
a brand of REXNORD

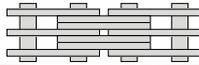
- The optimum choice for light and medium duty
- Good cost-benefit ratio
- High availability

REXNORD

RexProX
RexPro lubrication
improved wear resistance
high fatigue resistance

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

Leaf Chains



REXNORD

RexPro
RexPro lubrication
improved wear resistance
high fatigue resistance

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

REXNORD

RexHiPro
good corrosion resistance
excellent loading capacity

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

REXNORD

RexAthletic
good loading capacity
extended lubrication intervals

- Durable and low-maintenance
- Longer servicing intervals
- High loading capacity
- Extreme wear resistance for double-length service life

REXDL
a brand of REXNORD

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