



High Performance from Rexnord

**Roller chains | Factory standard**

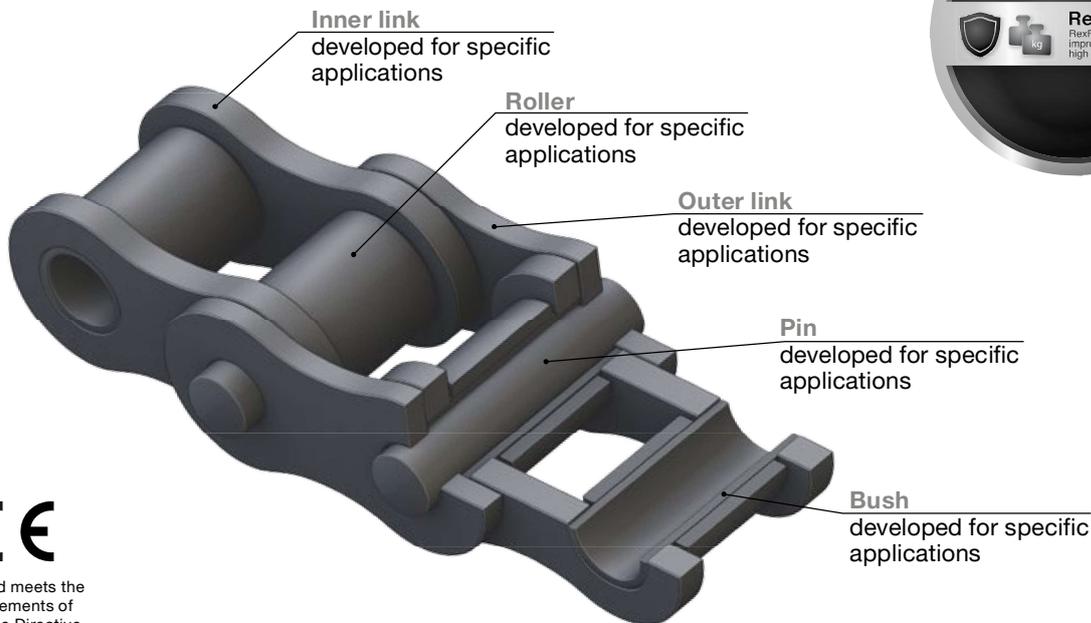
**REXNORD**

**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

- Fulfils 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

- 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

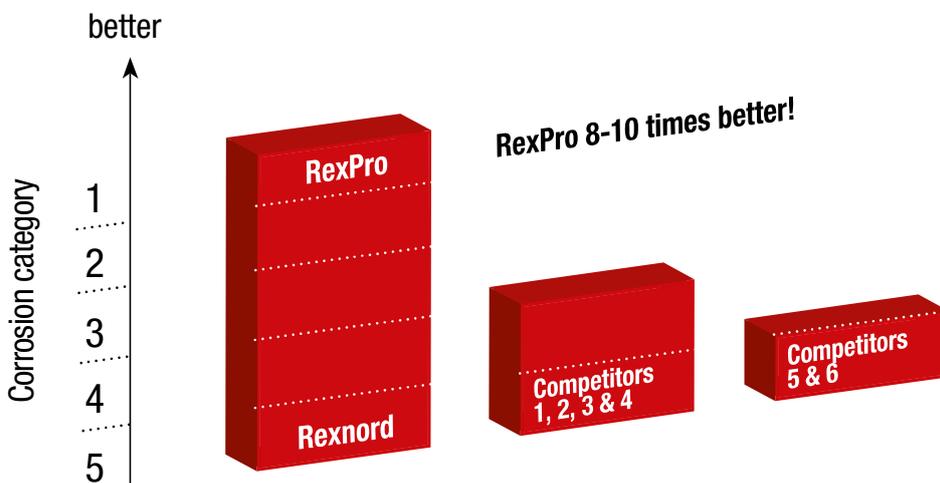
- Ball-drifted plate holes
- Shot-peened chain links, seam-free rollers
- High pre-loading



### 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

## 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

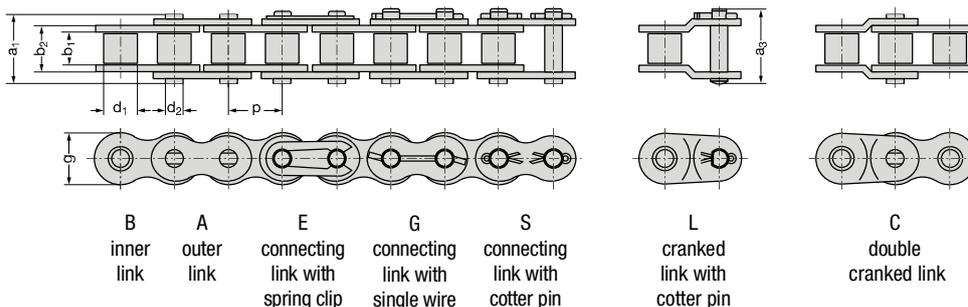


### Eco friendly

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

## Roller chains, Factory standard

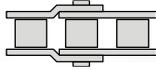
Chain No.	Pitch		Width between inner plates	Roller diameter	Pin diameter	Width over inner link	Plate depth	Transverse pitch	Pin length	Locking pin length	Bearing area	Average tensile strength	Weight	Components							
	p													b <sub>1</sub> min	d <sub>1</sub> max	d <sub>2</sub> max	b <sub>2</sub> max	g	e	a <sub>1</sub> max	a <sub>3</sub> max
	Inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	cm <sup>2</sup>	N	kg/m							
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





## 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

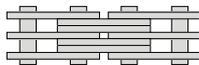
- The optimum choice for light and medium duty
- Good cost-benefit ratio
- High availability

**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