



High Performance from Rexnord

Roller chains | Factory standard



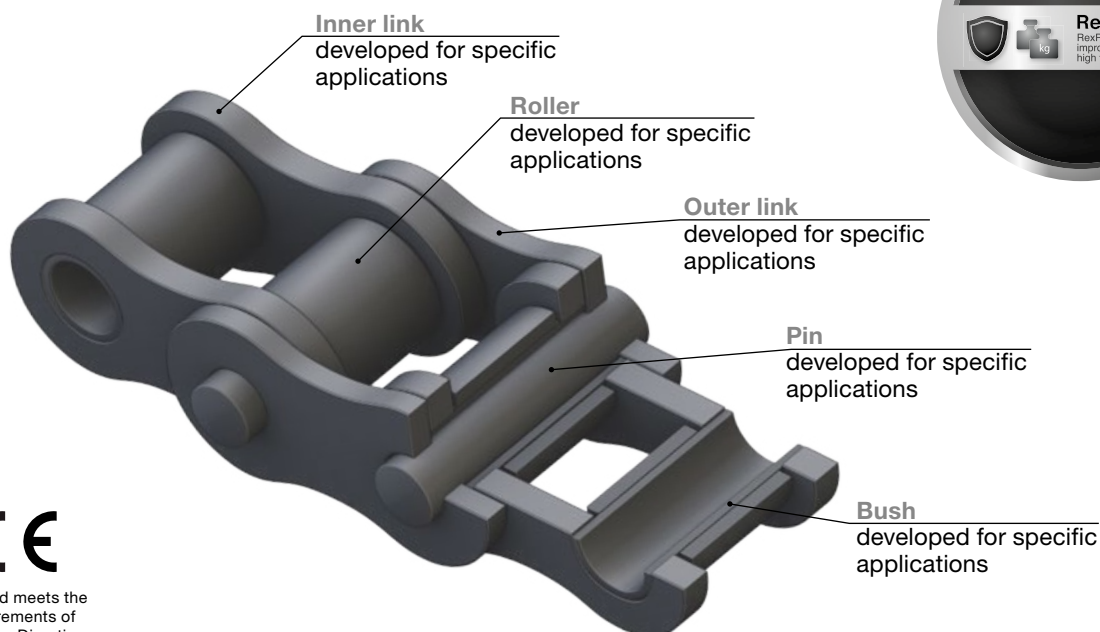


RexPro
RexPro lubrication
improved wear resistance
high fatigue resistance



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

- 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

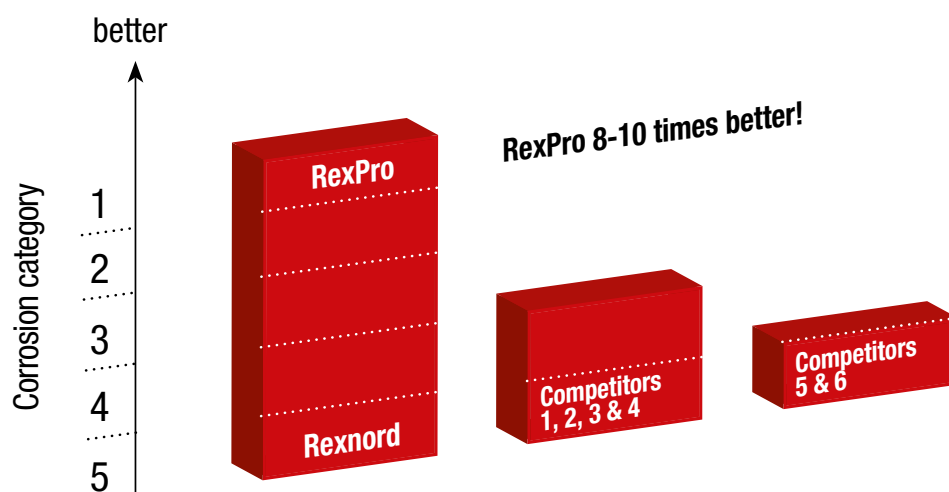
- Ball-drifted plate holes
- Shot-peened chain links, seam-free rollers
- High pre-loading



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

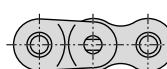
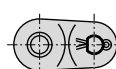
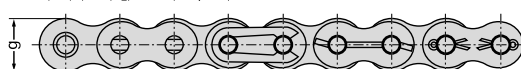
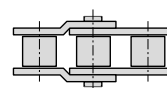
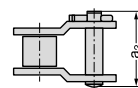
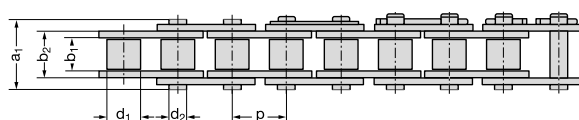


Eco friendly

- 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 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	
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	
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	
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	
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	
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	
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	



B
inner
link

A
outer
link

E
connecting
link with
spring clip

G
connecting
link with
single wire

S
connecting
link with
cotter pin

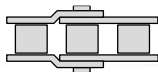
L
cranked
link with
cotter pin

C
double
cranked link



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

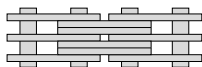
- Durable and low-maintenance
- Longer servicing intervals
- High loading capacity

- 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
- Longer servicing intervals
- High loading capacity
- Extreme wear resistance for double-length service life

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

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