



High Performance from Rexnord

Plate link chains



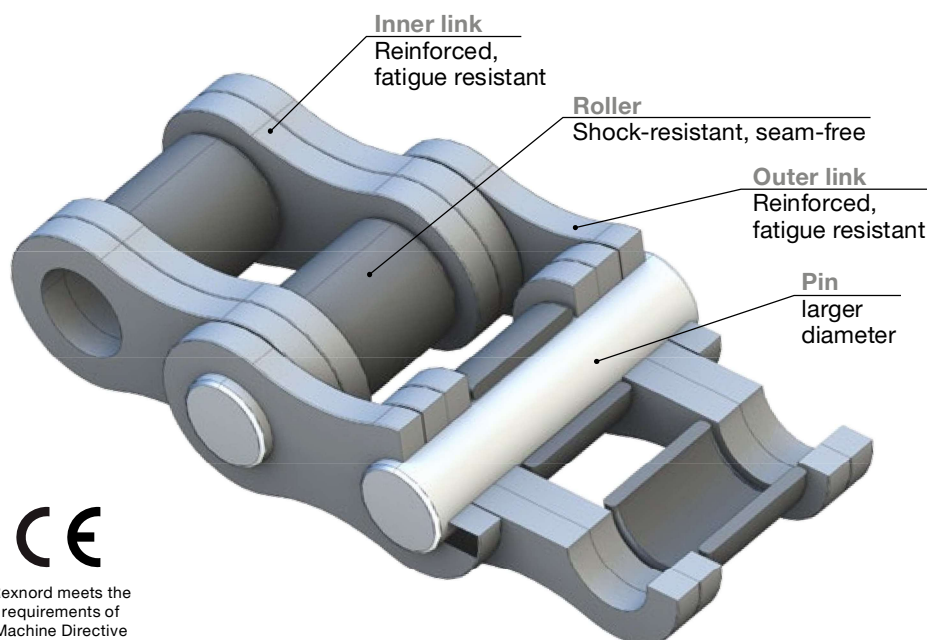
**Highly
robust**

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

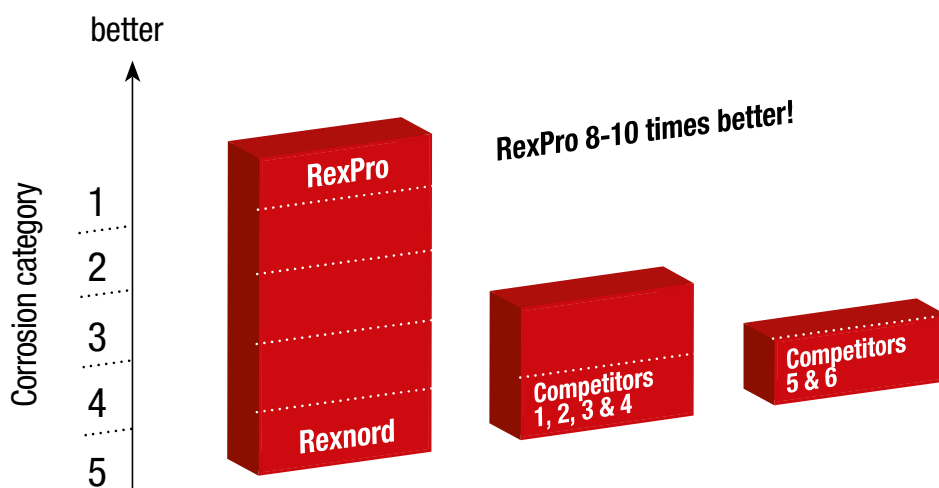
- Ball-drifted plate holes
- Shot-peened chain links, seam-free rollers
- High pre-loading



Eco friendly

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

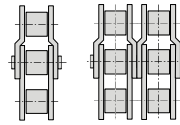
Salt spray test in accordance with DIN EN ISO 9227



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 b ₁ min mm	Roller diameter d ₁ max mm	Pin diameter d ₂ max mm	Clear width outer link b ₃ min mm	Plate link thickness		Plate depth g mm	Transverse pitch e mm	Pin length a ₁ max mm	Bearing area A cm ²	Average tensile strength F _B N	Weight q kg/m	VGL-S
	p						s ₁	s ₂							
	Inch	mm													
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

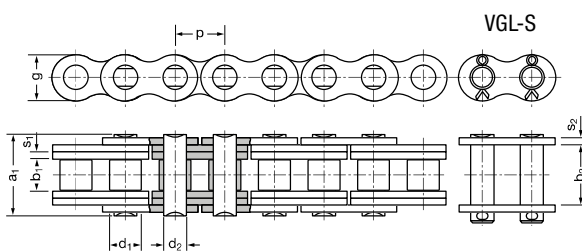


Plate link chain RLK 50-1 SL/A, Plate link chain 64-1 S / SH / SH BK

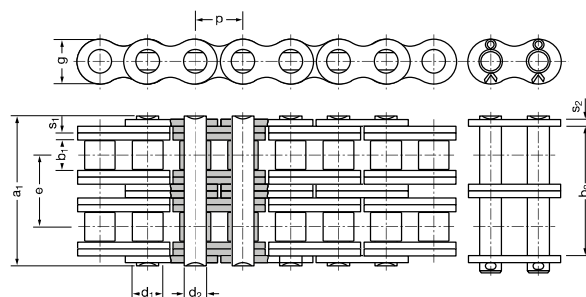


Plate link chain RLK 50-2 SL/A

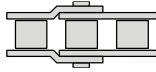
Duplex-Plate link chains

Chain No.	Pitch		Width between inner plates b ₁ min mm	Roller diameter d ₁ max mm	Pin diameter d ₂ max mm	Clear width outer link b ₃ min mm	Plate link thickness		Plate depth g mm	Transverse pitch e mm	Pin length a ₁ max mm	Bearing area A cm ²	Average tensile strength F _B N	Weight q kg/m	VGL-S
	p						s ₁	s ₂							
	Inch	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



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

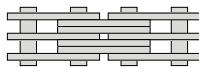
- Durable and low-maintenance
- Longer servicing intervals
- High loading capacity

- 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