



**Industries Served:**

- Material handling
- Telescopic handlers
- Machine tools
- Drilling machines

**Features:**

- Complies with the excellent RexPro standards
- Enlarged bearing area
- Higher tensile strength
- Maximum fatigue resistance

**Benefits:**

- For high-performance power transmission applications
- Extremely high impact strength
- Extremely robust, even under difficult conditions

**Lubrication:**

- Excellent protection through Rexnord RexPro Lubrication without heavy metals
- Operating temperature range: -30° C to +130° C (can be extended -40° C to +250° C)
- Outstanding surface adhesion, drip resistant even at high temperatures
- Contains no heavy metals

# Rexnord RexProX Leaf Chain

## Extreme Performance by Rexnord

When specifying and designing our products we strive to achieve the high demands of our customers by providing significantly reduced life-cycle costs and very low maintenance. The Rexnord® RexProX® Leaf Chain meets these criteria and is at the same time suitable for applications under extreme conditions.

**Optimized selection**

The smaller and lighter chain design provides the most evenly distribution and load to the pin. Based on an optimized material utilization, an extremely high loading capacity and maximum fatigue strength, it is ideal for heavy-duty drives and lifting purposes. The linear scalability allows an optimum chain choice fitting best to individual requirements.

**Reduced maintenance**

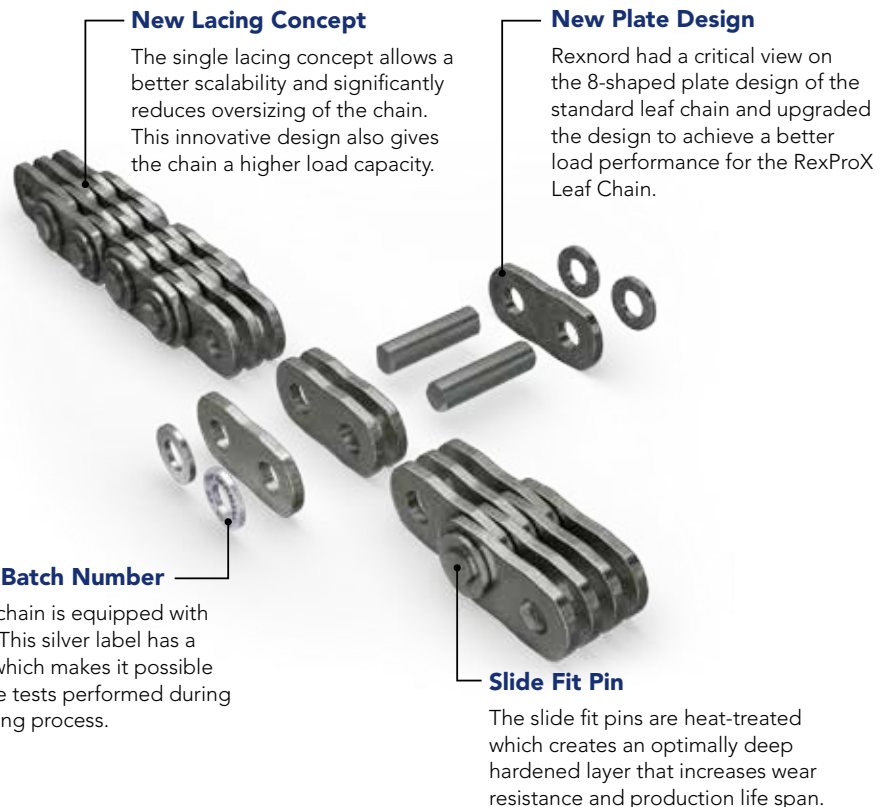
The Rexnord RexPro® Lubrication ensures an excellent protection extending the relubrication interval fivefold compared to a standard leaf chain. This not only reduces the maintenance, but also increases productivity and guarantees a dependable operation.

**Overall cost saving**

As a well specified, high-quality product, this leaf chain lasts many times longer. It requires significantly less in-operation maintenance and saves overall costs in terms of procurement, maintenance, replacement and equipment downtime.

**Significant higher wear life time**

Due to a reduced joint stress and a higher wear volume the wear lifetime for this leaf chain is now doubled. This property is completed by an excellent surface adhesion and drip resistance, even at high temperatures.



**New Lacing Concept**

The single lacing concept allows a better scalability and significantly reduces oversizing of the chain. This innovative design also gives the chain a higher load capacity.

**New Plate Design**

Rexnord had a critical view on the 8-shaped plate design of the standard leaf chain and upgraded the design to achieve a better load performance for the RexProX Leaf Chain.

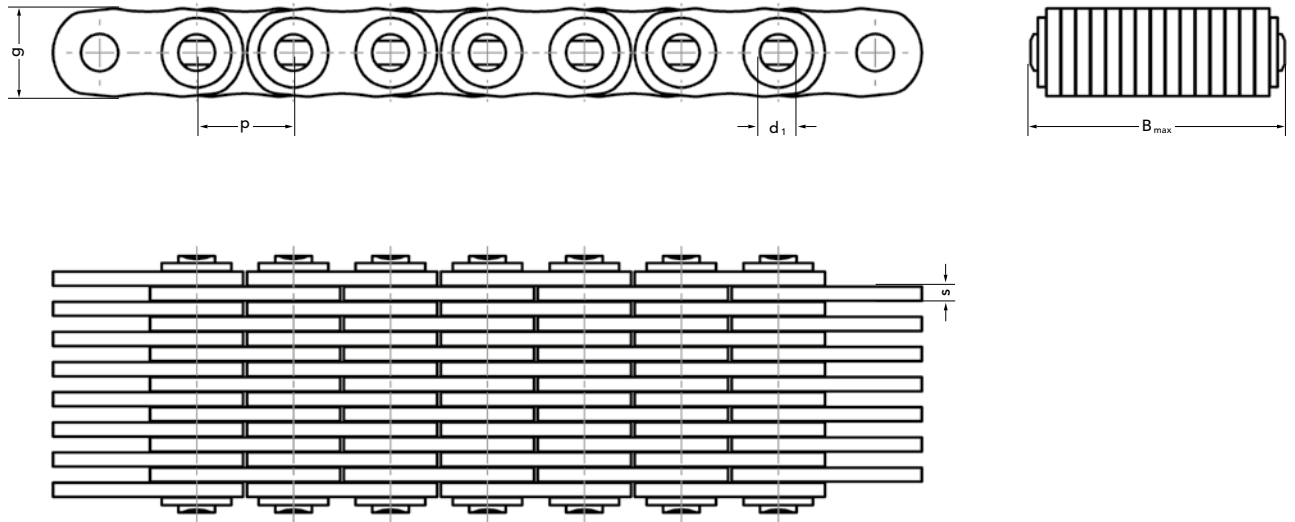
**Washer with Batch Number**

Every meter of chain is equipped with a silver washer. This silver label has a batch number which makes it possible to retrace all the tests performed during the manufacturing process.

**Slide Fit Pin**

The slide fit pins are heat-treated which creates an optimally deep hardened layer that increases wear resistance and production life span.

Rex® 21-15



Rexnord RexProX Leaf Chain

Chain type	Pitch mm	Pin Ø mm	Plate height mm	Plate thickness mm	Overall width mm	Weight kg/m	UTS <sup>⊙</sup> kN
	P	d <sub>1</sub>	g	s	B <sub>max</sub>		
Rex 21-5	21	7.92	19	3.1	23.0	2.1	72
Rex 21-7	21	7.92	19	3.1	29.5	2.8	108
Rex 21-9	21	7.92	19	3.1	36.0	3.5	144
Rex 21-11	21	7.92	19	3.1	42.5	4.3	180
Rex 21-13	21	7.92	19	3.1	49.0	5.0	216
Rex 21-15	21	7.92	19	3.1	55.5	5.7	252
Rex 21-17	21	7.92	19	3.1	62.0	6.5	288
Rex 21-19	21	7.92	19	3.1	68.5	7.2	324

⊙ Ultimate Tensile Strength



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