RexPro Roller Chain
HIGH PERFORMANCE BY REXNORD

Rexnord® RexPro® Roller Chain is the standard for quality chains. The combination of selected steels, optimized manufacturing and Rexnord RexPro Lubrication results in outstanding product characteristics. This chain is available in European and American standard, with attachments and extended pins.

SUPERIOR CORROSION PROTECTION
Rexnord RexPro Roller Chain has a very good corrosion protection compared to the best competitor for European and Asian quality roller chains, tested according to the Salt-Spray Test DIN EN ISO 9227 NSS. This results in an improved protection against stiff chain links and a longer service life.

IMPROVED WEAR RESISTANCE
The Rexnord RexPro High Performance Roller Chain has an improved protection against wear. The use of Rexnord RexPro Lubrication leads to a long service life and high operating reliability.

NO HEAVY METALS
The lubrication for Rexnord RexPro Chain contains no heavy metals, no Teflon and no silicone and thereby offers a wide spectrum of applications.

FEATURES & ADVANTAGES

Features
- High fatigue strength
- Improved wear resistance
- Superior corrosion protection
- Environmental friendly
- Manufactured from high-performance materials
- Calibrated plate holes
- Seamless rollers
- Shot-peened single components
- Delivered adjusted and free of twist on request

Advantages
- Minimal pre-running elongation
- Long service life
- High impact resistance
- Robust under tough conditions
- Maximum operating reliability
- Improved profitability

Industries Served
Automotive
Food & Beverage
Agriculture
Construction
Logistics & Transportation
Material Handling
Wood Industry

Lubrication:
- Rexnord RexPro Lubrication for corrosion protection and wear resistance
- NSF H2 certification, RoHS:2011 compliant for electronics industry
- 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
- Special lubrications available (for example with NSF H1)
Rexnord RexPro Roller Chain Product Sheet

**Outer plate**
Calibrated plate bores result in a significant improvement in the press fits and the fatigue strength.

**Inner plate**
Calibrated plate bores result in a significant improvement in the press fits and the fatigue strength.

**Roller**
The special heat treatment and intensive shot-peening of the rollers guarantee high fatigue strength and longevity.

**Pin**
The pins are furnished with an optimally deep hardness layer which increases the service life of the chain.

**Bush**
The bushes are furnished with an optimally deep hardness layer which increases the service life of the chain.

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### European Standard – Rexnord RexPro Roller Chain ISO 606*

**Simplex Roller Chain**

<table>
<thead>
<tr>
<th>Chain No.</th>
<th>Pitch</th>
<th>Width over inner plates</th>
<th>Roller diameter</th>
<th>Width over inner link</th>
<th>Plate depth</th>
<th>Transverse pitch</th>
<th>Pin length</th>
<th>Connecting pin length</th>
<th>Bearing area</th>
<th>Required minimum tensile strength ISO 606</th>
<th>Required minimum tensile strength Rexnord</th>
<th>Weight</th>
<th>Loose parts</th>
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</thead>
<tbody>
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<td>9.525</td>
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<td>8.2</td>
<td>–</td>
<td>13.5</td>
<td>16.8</td>
<td>0.28</td>
<td>8 900</td>
<td>9 000</td>
<td>0.4 x</td>
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<tr>
<td>A-1</td>
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<td>12.7</td>
<td>7.75</td>
<td>9.09</td>
<td>11.1</td>
<td>11.6</td>
<td>–</td>
<td>20.9</td>
<td>22.0</td>
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<td>7.75</td>
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<td>–</td>
<td>20.9</td>
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<td>9.65</td>
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<td>14.6</td>
<td>–</td>
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</tr>
</tbody>
</table>

*This table contains only the data for the simplex Rexnord RexPro roller chains according to the European standard. All available chain sizes can be found in our catalog or contact Rexnord.