Approved Performance from Rexnord

Roller chains | American type | Stainless

Link-Belt®
a brand of
REXNORD

The right chain!
Stainless Roller chains - American type
 Approved Performance from Rexnord.

APPLICATIONS
- Light and medium duty
- Agricultural machinery, wood processing
- Textile industry

CHARACTERISTICS
- Established brand name
- Fulfils ISO quality requirements
- Rexnord guarantees the achievement of performance requirements

ADVANTAGES
- Good cost-benefit ratio
- Good availability
- Robust quality

LUBRICATION
- Contains no heavy metals
- Fulfils REACH requirements
## Stainless Roller chains - American type
Approved Performance from Rexnord.

### Proven performance
- Fulfills ISO quality requirements
- Rexnord guarantees the achievement of performance requirements
- optimum choice for light and medium duty

### Purchasing policy
- Suppliers must comply with local environmental laws
- Suppliers must comply with Rexnord’s ethical policy and internal guidelines
- Suppliers must take local environmental policy into account

### Economical
- Good cost-benefit ratio
- Good availability

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#### Simplex roller chains, ISO 606, stainless

<table>
<thead>
<tr>
<th>Chain No.</th>
<th>Pitch</th>
<th>Width between inner plates</th>
<th>Roller diameter</th>
<th>Pin diameter</th>
<th>Width over inner link</th>
<th>Pin depth</th>
<th>Transverse pitch</th>
<th>Pin length</th>
<th>Connecting pin length</th>
<th>Bearing area</th>
<th>min. tensile strength</th>
<th>Weight</th>
<th>Loose parts</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>inch</td>
<td>mm</td>
<td>mm</td>
<td>mm</td>
<td>mm</td>
<td>mm</td>
<td>mm</td>
<td>mm</td>
<td>mm</td>
<td>cm²</td>
<td>N</td>
<td>kg/m</td>
<td>A</td>
</tr>
<tr>
<td>25-1 SS</td>
<td>0.25</td>
<td>6.35</td>
<td>3.18</td>
<td>3.30</td>
<td>2.32</td>
<td>4.80</td>
<td>5.8</td>
<td>7.8</td>
<td>8.6</td>
<td>0.11</td>
<td>2.100</td>
<td>0.1</td>
<td>x</td>
</tr>
<tr>
<td>35-1 SS</td>
<td>0.38</td>
<td>9.525</td>
<td>4.78</td>
<td>5.08</td>
<td>3.59</td>
<td>7.46</td>
<td>9.0</td>
<td>11.8</td>
<td>13.6</td>
<td>0.27</td>
<td>4.700</td>
<td>0.3</td>
<td>x</td>
</tr>
<tr>
<td>40-1 SS</td>
<td>0.50</td>
<td>12.7</td>
<td>7.86</td>
<td>7.92</td>
<td>3.96</td>
<td>11.17</td>
<td>12.0</td>
<td>17.8</td>
<td>21.7</td>
<td>0.44</td>
<td>8.300</td>
<td>0.6</td>
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<td>15.875</td>
<td>9.40</td>
<td>10.16</td>
<td>5.08</td>
<td>13.84</td>
<td>15.0</td>
<td>21.8</td>
<td>25.9</td>
<td>0.70</td>
<td>13.100</td>
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<tr>
<td>60-1 SS</td>
<td>0.75</td>
<td>19.05</td>
<td>12.57</td>
<td>11.91</td>
<td>5.94</td>
<td>17.75</td>
<td>18.1</td>
<td>26.9</td>
<td>31.5</td>
<td>1.05</td>
<td>18.800</td>
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<td>x</td>
</tr>
<tr>
<td>80-1 SS</td>
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<td>25.4</td>
<td>15.75</td>
<td>15.88</td>
<td>7.92</td>
<td>22.60</td>
<td>24.1</td>
<td>33.5</td>
<td>38.9</td>
<td>1.79</td>
<td>33.400</td>
<td>2.6</td>
<td>x</td>
</tr>
</tbody>
</table>

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![Diagram of Simplex roller chains](image-url)

- **B**: inner link
- **A**: outer link
- **E**: connecting link with clip
- **S**: connecting link with cotter
- **L**: cranked link with cotter
- **C**: double cranked link

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Proven performance
- Fulfills ISO quality requirements
- Rexnord guarantees the achievement of performance requirements
- Optimum choice for light and medium duty

Purchasing policy
- Suppliers must comply with local environmental laws
- Suppliers must comply with Rexnord’s ethical policy and internal guidelines
- Suppliers must take local environmental policy into account

Economical
- Good cost-benefit ratio
- Good availability

Duplex roller chains, ISO 606, stainless

<table>
<thead>
<tr>
<th>Chain No.</th>
<th>Pitch</th>
<th>b₁ min. max.</th>
<th>d₁ max.</th>
<th>d₂ max.</th>
<th>g max.</th>
<th>e</th>
<th>a₁ max.</th>
<th>a₂ max.</th>
<th>A</th>
<th>Fᵤ</th>
<th>Weight</th>
<th>Loose parts</th>
</tr>
</thead>
<tbody>
<tr>
<td>40 - 2 SS</td>
<td>0.50</td>
<td>7.85</td>
<td>7.92</td>
<td>11.17</td>
<td>12.0</td>
<td>14.38</td>
<td>32.3</td>
<td>36.2</td>
<td>0.88</td>
<td>16 700</td>
<td>1.2</td>
<td>x</td>
</tr>
<tr>
<td>60 - 2 SS</td>
<td>0.75</td>
<td>12.57</td>
<td>11.91</td>
<td>5.94</td>
<td>17.75</td>
<td>22.78</td>
<td>49.8</td>
<td>54.4</td>
<td>2.11</td>
<td>37 600</td>
<td>3.0</td>
<td>x</td>
</tr>
<tr>
<td>80 - 2 SS</td>
<td>1.00</td>
<td>15.75</td>
<td>15.88</td>
<td>7.92</td>
<td>22.60</td>
<td>24.1</td>
<td>62.7</td>
<td>68.1</td>
<td>3.58</td>
<td>66 700</td>
<td>5.2</td>
<td>x</td>
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</tbody>
</table>
Overview Rexnord roller chains

**Roller Chains**

- Outstanding protection against corrosion and wear
- Unique protection against chain joint stiffness
- Extremely eco-friendly
- Outstanding corrosion resistance
- Long service life
- High loading capacity
- Durable and low-maintenance
- Longer servicing intervals
- High loading capacity
- Extremely high loading capacity
- Outstanding protection against corrosion and wear
- Excellent resistance to rust and acids
- Highly reliable
- Fulfils hygiene requirements
- NSF H1 certification
- The optimum choice for light and medium duty
- Good cost-benefit ratio
- High availability
- Maintenance-free
- Low noise
- Eco-friendly
- Combination of RexPlus and RexCarbon
  - Excellent resistance to rust and acids
  - Maintenance-free
  - NSF H1 certification
- The right chain!

**Leaf Chains**

- Outstanding protection against corrosion and wear
- Unique protection against chain joint stiffness
- Extremely eco-friendly
- Outstanding corrosion resistance
- Long service life
- High loading capacity
- Durable and low-maintenance
- Longer servicing intervals
- High loading capacity
- Extreme wear resistance for double-length service life
- The optimum choice for light and medium duty
- Good cost-benefit ratio
- Good availability
- The right chain!