Netter Pneumatic Roller Vibrators

Series NCR

- Rotary vibration
- Suitable for aggressive environmental conditions
- High propulsive power
- Nominal frequency from $10.140 \text{ min}^{-1}$ to $34.300 \text{ min}^{-1}$
- Centrifugal force from 878 N to 9.100 N
- Frequency continuously adjustable via air pressure
- Suitable for temperatures up to 200°C
Netter Pneumatic Roller Vibrators
Series NCR

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<tbody>
<tr>
<td></td>
<td>2 bar</td>
<td>4 bar</td>
<td>6 bar</td>
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<tr>
<td>NCR 3</td>
<td>0,031</td>
<td>22.699</td>
<td>30.480</td>
<td>34.304</td>
<td>55 – 146</td>
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<td>NCR 10</td>
<td>0,102</td>
<td>20.180</td>
<td>24.520</td>
<td>27.760</td>
<td>121 – 301</td>
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<td>NCR 22</td>
<td>0,224</td>
<td>16.400</td>
<td>20.040</td>
<td>21.780</td>
<td>162 – 424</td>
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<td>NCR 57</td>
<td>0,572</td>
<td>12.480</td>
<td>14.370</td>
<td>15.465</td>
<td>246 – 574</td>
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<td>NCR 120</td>
<td>1,200</td>
<td>10.140</td>
<td>11.680</td>
<td>11.760</td>
<td>315 – 768</td>
</tr>
</tbody>
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The technical data are comparative values and can vary depending on application. Additional data available upon request.

Applications
Pneumatic roller vibrators series NCR are particularly suitable for the elimination or reduction of friction. They can be used for emptying bunkers and preventing adhesion to pipes and plates. Special features of the NCR vibrators are very high frequencies, high centrifugal forces and insusceptible resonance behaviour.

Construction and working principle
The rotary vibration is created by the high centrifugal force of a circulating steel roller, which runs on a steel ring at very high frequency.

The frequency, and hence the centrifugal force, can be continuously regulated via the operating pressure. Series NCR roller vibrators can be operated using lubrication-free compressed air.

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A multi-directional valve is required for operation (not supplied).

Permissible Operating Conditions
Drive medium: Compressed air or nitrogen (filter ≤ 5μm) preferably with oil mist

Operating pressure: 2 bar to 6 bar
Ambient temperature: -20°C to 120°C
HT version for temperatures up to 200°C

Netter/Vibration offers the accessories required for the mounting, installation and control of vibrators and interval impactors.
Netter provides solutions. Consult our experienced application technicians.

Dusting off filter wires
Emptying silo trailers

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