Combination Grapple

5609 RT-222

<table>
<thead>
<tr>
<th>Max load:</th>
<th>n/a lb</th>
<th>n/a kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume:</td>
<td>.21 cord of 8 ft</td>
<td>.76 m³</td>
</tr>
<tr>
<td>Area tip to tip:</td>
<td>3.40 ft²</td>
<td>.32 m²</td>
</tr>
<tr>
<td>Rotator lifting capacity:</td>
<td>22000 lb</td>
<td>9979 kg</td>
</tr>
<tr>
<td>Torque at relief pressure:</td>
<td>10700 lb-in</td>
<td>1209 Nm</td>
</tr>
<tr>
<td>Weight:</td>
<td>885 lb</td>
<td>401 kg</td>
</tr>
</tbody>
</table>

Rotator recommended flow will produce a maximum speed of 30 rpm

Rotator Maximum pressure: 5000 psi 345 bars
Recommended flow: 10 gpm 38 l/min

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<tr>
<th>Cylinder</th>
<th>Diameter</th>
<th>Recommended pressure</th>
<th>Pressure range</th>
<th>Flow range</th>
<th>Lock valves</th>
</tr>
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<tbody>
<tr>
<td>Standard</td>
<td>3 1/2 *  (89 mm)</td>
<td>2350 psi (162 bars)</td>
<td>2000-2700 psi (138-186 bars)</td>
<td>16-24 gpm (61-91 l/min.)</td>
<td>no</td>
</tr>
<tr>
<td>Standard</td>
<td>3 *      (76 mm)</td>
<td>3250 psi (224 bars)</td>
<td>2800-3700 psi (193-255 bars)</td>
<td>11-16 gpm (42-61 l/min.)</td>
<td>no</td>
</tr>
</tbody>
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Grapple cylinder maximum flow will theoretically produce a complete grapple open/close cycle in 4 seconds.

Options:
- Leveling plate (185 lbs / 84 kg)
- Closed wide jaw (17 lbs / 7 kg)
- Log protection package, including shaft on jaw tips and protection strips on jaw edges
- Shaft on jaw tips to prevent log damage

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Rotobec Inc.: Head office serving OEM's and Eastern Canada
Ph: (418) 383-3002 Fac (418) 383-5334
Rotobec West: Branch serving Western Canada and Western USA
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Rotobec USA: Branch serving Eastern and Central USA
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We reserve the right to change specifications and to improve our products without notice or obligation.
Combination Grapple
5609 RT-252

Max load: n/a lb n/a kg
Volume: .21 cord of 8 ft .76 m³
Area tip to tip: 3.40 ft² .32 m²
Rotator lifting capacity: 25000 lb 11340 kg
Torque at relief pressure: 16150 lb-in 1825 Nm
1450 psi 100 bars
Weight: 925 lb 420 kg

Rotator recommended flow will produce a maximum speed of 30 rpm
Recommended flow: 9 gpm 34 l/min

Cylinder Diameter Recommended pressure Pressure range Flow range Lock valves
Standard 3 1/2" (89 mm) 2350 psi (162 bars) 2000-2700 psi (138-186 bars) 16-24 gpm (61-91 l/min.) no
Standard 3" (76 mm) 3250 psi (224 bars) 2800-3700 psi (193-255 bars) 11-16 gpm (42-61 l/min.) no

Grapple cylinder maximum flow will theoretically produce a complete grapple open/close cycle in 4 seconds.

Options:
- Leveling plate (185 lbs / 84 kg)
- Closed wide jaw (15 lbs / 7kg)
- Log protection package, including shaft on jaw tips and protection strips on jaw edges
- Shaft on jaw tips to prevent log damage

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