Combination Grapple
100C RT-252

Max load: n/a lb  n/a kg
Volume: .67 cord of 8 ft  2.43 m³
Area tip to tip: 10.76 ft²  1.00 m²
Rotator lifting capacity: 25000 lb  11340 kg
Torque at relief pressure: 16150 lb-in  1825 Nm
1450 psi  100 bars
Weight: 2375 lb  1077 kg

Rotator Maximum pressure: 5000 psi  345 bars
Recommended flow: 9 gpm  34 l/min
Rotator recommended flow will produce a maximum speed of 30 rpm

Cylinder Diameter Recommended pressure Pressure range Flow range Lock valves
Standard 3 1/2 * (89 mm) 4250 psi (293 bars) 3500-5000 psi (241-345 bars) 21-31 gpm (79-117 l/min.) no

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

Options:
- Leveling plate (120 lbs / 54 kg)
- Load holding valve on cylinders (9 lbs / 4 kg)

websites: www.rotobec.com
Email: rotobec@rotobec.com

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 Ph: (250) 765-1161 Fac (250) 765-0035
Rotobec USA: Branch serving Eastern and Central USA Ph: (603) 444-2103 Fac (603) 444-0327

We reserve the right to change specifications and to improve our products without notice or obligation.

07008-2886 19/09/18 D.L.
Combination Grapple
100C RT-322-HT

<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>.67 cord of ft</td>
<td>2.44 m³</td>
</tr>
<tr>
<td>Area tip to tip:</td>
<td>10.76 ft²</td>
<td>1.00 m²</td>
</tr>
<tr>
<td>Rotator lifting capacity:</td>
<td>32000 lb</td>
<td>14515 kg</td>
</tr>
<tr>
<td>Torque at relief pressure:</td>
<td>20160 lb-in</td>
<td>2278 Nm</td>
</tr>
<tr>
<td>Weight:</td>
<td>2420 lb</td>
<td>1098 kg</td>
</tr>
</tbody>
</table>

Rotator Maximum pressure: 5000 psi 345 bars
Recommended flow: 9 gpm 34 l/min
Rotator recommended flow will produce a speed of 30 rpm

<table>
<thead>
<tr>
<th>Cylinder</th>
<th>Diameter</th>
<th>Recommended pressure</th>
<th>Pressure range</th>
<th>Flow range</th>
<th>Lock valves</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard</td>
<td>3 1/2 &quot; (89 mm)</td>
<td>4250 psi (293 bars)</td>
<td>3500-5000 psi (241-345 bars)</td>
<td>21-31 gpm (79-117 l/min)</td>
<td>no</td>
</tr>
</tbody>
</table>

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

Options:
- Leveling plate (120 lbs / 54 kg)
- Load holding valve on cylinders (9 lbs / 4kg)

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07007-8457  19/09/18  D.L.
Combination Grapple
100C RT-502-STDHT

<table>
<thead>
<tr>
<th></th>
<th>Max load: n/a lb</th>
<th>n/a kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume:</td>
<td>.67 cord of 8 ft</td>
<td>2.43 m³</td>
</tr>
<tr>
<td>Area tip to tip:</td>
<td>10.76 ft²</td>
<td>1.00 m²</td>
</tr>
<tr>
<td>Rotator lifting capacity:</td>
<td>50000 lb</td>
<td>22680 kg</td>
</tr>
<tr>
<td>Torque at relief pressure:</td>
<td>23260 lb-in</td>
<td>2628 Nm</td>
</tr>
<tr>
<td></td>
<td>1810 psi</td>
<td>125 bars</td>
</tr>
<tr>
<td>Weight:</td>
<td>2560 lb</td>
<td>1161 kg</td>
</tr>
</tbody>
</table>

Rotator recommended flow will produce a maximum speed of 25 rpm

<table>
<thead>
<tr>
<th>Cylinder</th>
<th>Diameter</th>
<th>Recommended pressure</th>
<th>Pressure range</th>
<th>Flow range</th>
<th>Lock valves</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard</td>
<td>3 1/2&quot; (89 mm)</td>
<td>4250 psi (293 bars)</td>
<td>3500-5000 psi (241-345 bars)</td>
<td>21-31 gpm (79-117 l/min.)</td>
<td>no</td>
</tr>
</tbody>
</table>

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

Options:
- Leveling plate (120 lbs / 54 kg)
- Load holding valve on cylinders (9 lbs / 4 kg)

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