Clamshell Bucket
CSB400 with rotator RT-502-STD

Opening 111 in. (2819 mm)
Volume 4.00 cubic yards 3.06 cubic meters
Rotator lifting capacity 50000 lb (22680 kg)
Torque at relief pressure 18630 in.lb (2105 Nm) @ 1450 psi (100 bars)
Weight 5964 lb (2705 kg)

<table>
<thead>
<tr>
<th>Rotator</th>
<th>Maximum pressure: 5000 psi (345 bars)</th>
<th>Recommended flow: 9 gpm (34 l/min.)</th>
</tr>
</thead>
</table>

Rotator recommended flow will produce a 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>3500 psi (241 bars)</td>
<td>2500 - 4500 psi (172 - 310 bars)</td>
<td>30 - 42 gpm (114 - 159 l/min.)</td>
<td>no</td>
</tr>
</tbody>
</table>

Grapple cylinder maximum flow will theoretically produce a complete grapple open/close cycle in 5 seconds.

OPTIONS: Bolt-on cutting edges: 300 lb.

Reference Dimension
A 92 in. (2337 mm)
B 111 in. (2819 mm)
C 34 7/8 in. (886 mm)
D 106 3/4 in. (2711 mm)
E 75 3/8 in. (1915 mm)

web site: www.rotobec.com e-mail: rotobec@rotobec.com
Rotobec Inc.: Head office serving OEM's and Eastern Canada Ph: (418) 383-3002 Fax: (418) 383-5334
Rotobec West: Branch serving Western Canada and Western USA Ph: (250) 765-1161 Fax: (250) 765-0035
Rotobec USA: Branch serving Eastern and Central USA Ph: (603) 444-2103 Fax: (603) 444-0327

We reserve the right to change specifications and to improve our products without notice or obligation. V.06/2009
Clamshell Bucket
CSB400 with rotator RT-1002-STD

Opening 111 in. (2819 mm)
Volume 4.00 cubic yards 3.06 cubic meters
Rotator lifting capacity 100000 lb (45360 kg)
Torque at relief pressure 22360 in.lb (2527 Nm) @ 1450 psi (100 bars)
Weight 6204 lb (2814 kg)

Rotator Maximum pressure: 5000 psi (345 bars) Recommended flow: 8 gpm (30 l/min.)
Rotator recommended flow will produce a speed of 20 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>3500 psi (241 bars)</td>
<td>2500 - 4500 psi (172 - 310 bars)</td>
<td>30 - 42 gpm (114 - 159 l/min.)</td>
<td>no</td>
</tr>
</tbody>
</table>

Grapple cylinder maximum flow will theoretically produce a complete grapple open/close cycle in 5 seconds.

Reference Dimension
A 92 in. (2337 mm)
B 111 in. (2819 mm)
C 34 7/8 in. (886 mm)
D 110 in. (2794 mm)
E 75 3/8 in. (1915 mm)

OPTIONS: Bolt-on cutting edges: 300 lb.

web site: www.rotobec.com
e-mail: rotobec@rotobec.com
Rotobec Inc.: Head office serving OEM's and Eastern Canada
Ph: (418) 383-3002 Fax: (418) 383-5334
Rotobec West: Branch serving Western Canada and Western USA
Ph: (250) 765-1161 Fax: (250) 765-0035
Rotobec USA: Branch serving Eastern and Central USA
Ph: (603) 444-2103 Fax: (603) 444-0327

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