Clamshell Bucket

CSB50 with rotator RT-222

- Opening: 69 5/8 in. (1768 mm)
- Volume: 0.50 cubic yards (0.38 cubic meters)
- Rotator lifting capacity: 22000 lb (9980 kg)
- Torque at relief pressure: 10700 in.lb (1209 Nm) @ 913 psi (63 bars)
- Weight: 1395 lb (633 kg)

<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>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&quot; (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>
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Grapple cylinder maximum flow will theoretically produce a complete grapple open/close cycle in 4 seconds.

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Reference Dimension

- A: 58 1/2 in. (1486 mm)
- B: 69 1/4 in. (1759 mm)
- C: 16 3/4 in. (425 mm)
- D: 57 in. (1448 mm)
- E: 33 1/4 in. (845 mm)

- Maximum pressure: 5000 psi (345 bars)
- Recommended flow: 10 gpm (38 l/min.)
- Grapple cylinder maximum flow will theoretically produce a complete grapple open/close cycle in 4 seconds.

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**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
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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
CSB50 with rotator R-9150

<table>
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<tr>
<th>Specification</th>
<th>Value</th>
</tr>
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<tbody>
<tr>
<td>Opening</td>
<td>69 5/8 in. (1768 mm)</td>
</tr>
<tr>
<td>Volume</td>
<td>0.50 cubic yards</td>
</tr>
<tr>
<td>Rotator lifting capacity</td>
<td>18000 lb (8165 kg)</td>
</tr>
<tr>
<td>Torque at relief pressure</td>
<td>8450 in.lb (955 Nm)</td>
</tr>
<tr>
<td>Volume</td>
<td>0.38 cubic meters</td>
</tr>
<tr>
<td>Weight</td>
<td>1400 lb (635 kg)</td>
</tr>
</tbody>
</table>

**Rotator**
- Maximum pressure: 4000 psi (276 bars)
- Recommended flow: 8 gpm (30 l/min.)

Rotator recommended flow will produce a speed of 30 rpm.

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

**Reference**
- A 58 1/2 in. (1486 mm)
- B 69 1/4 in. (1759 mm)
- C 16 3/4 in. (425 mm)
- D 58 3/4 in. (1492 mm)
- E 33 1/4 in. (845 mm)

**Contact Information**
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