Clamshell Bucket
CSB75 with rotator RT-222

Opening 72 1/4 in. (1835 mm)
Volume 0.75 cubic yards 0.57 cubic meters
Rotator lifting capacity 22000 lb (9980 kg)
Torque at relief pressure 10700 in.lb (1209 Nm) @ 913 psi (63 bars)
Weight 1545 lb (701 kg)

**Reference Dimension**

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>61 3/4 in. (1568 mm)</td>
</tr>
<tr>
<td>B</td>
<td>72 1/4 in. (1835 mm)</td>
</tr>
<tr>
<td>C</td>
<td>18 in. (457 mm)</td>
</tr>
<tr>
<td>D</td>
<td>58 3/4 in. (1492 mm)</td>
</tr>
<tr>
<td>E</td>
<td>40 3/4 in. (1035 mm)</td>
</tr>
</tbody>
</table>

**Cylinder**

<table>
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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>
</thead>
<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>
</table>

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

**Front view**

**Side view**

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e-mail: rotobec@rotobec.com

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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
CSB75 with rotator RT-252

Opening  72 1/4 in. (1835 mm)
Volume  0.75 cubic yards  0.57 cubic meters
Rotator lifting capacity  25000 lb (11340 kg)
Torque at relief pressure  16150 in.lb (1825 Nm)  @ 1450 psi (100 bars)
Weight  1622 lb (736 kg)

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Rotator recommended flow will produce a speed of 30 rpm.

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

Reference  Dimension
A  61 3/4 in. (1568 mm)
B  72 1/4 in. (1835 mm)
C  18 in. (457 mm)
D  59 in. (1499 mm)
E  40 3/4 in. (1035 mm)

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Clamshell Bucket
CSB75 with rotator R-9150

Opening 72 1/4 in. (1835 mm)
Volume 0.75 cubic yards 0.57 cubic meters
Rotator lifting capacity 18000 lb (8165 kg)
Torque at relief pressure 8450 in.lb (955 Nm) @ 913 psi (63 bars)
Weight 1575 lb (714 kg)

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

Reference
A 61 3/4 in. (1568 mm)
B 72 1/4 in. (1835 mm)
C 18 in. (457 mm)
D 60 3/8 in. (1534 mm)
E 40 3/4 in. (1035 mm)