Multi Purpose Grapple

6609MUL with rotator RT-252

Opening 65" in. (1651 mm)
Closing 10 3/4 in. (273 mm)
Volume .98 cubic yards 0.75 cubic meters
Area tip to tip 5.3 sq. ft. (.49 sq. meter)
Rotator lifting capacity 25000 lb (11340 kg)
Torque at relief pressure 16150 in.lb (1825 Nm) @ 1450 psi (100 bars)
Steel* thickness 3/4" (19 mm)
Weight 1515 lb (687 kg)

*High tensile strength steel: 165,000 psi (1138 MPa)

<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>3050 psi (210 bars)</td>
<td>2600 - 3500 psi (179 - 241 bars)</td>
<td>16 - 24 gpm (61 - 91 l/min.)</td>
<td>n/a</td>
</tr>
<tr>
<td>Standard</td>
<td>3&quot; (76 mm)</td>
<td>4050 psi (279 bars)</td>
<td>3600 - 4500 psi (248 - 310 bars)</td>
<td>11 - 16 gpm (42 - 61 l/min.)</td>
<td>n/a</td>
</tr>
</tbody>
</table>

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

Reference

A 10 3/4 in. (273 mm)
B 65 in. (1651 mm)
C 70 in. (1778 mm)
D 46 1/2 in. (1181 mm)
E 18 1/4 in. (464 mm)
F 33 in. (838 mm)
G 40 in. (1016 mm)

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