Rail Grapple

6007RA with rotator RT-222

- Opening: 61 3/4 in. (1568 mm)
- Closing: 6 3/4 in. (171 mm)
- Volume: 0.278 cord of 8 ft. wood
- Area tip to tip: 4.5 sq. ft. (0.41 sq. meter)
- Rotator lifting capacity: 22000 lb (9980 kg)
- Torque at relief pressure: 10700 in.lb (1209 Nm) @ 913 psi (63 bars)
- Steel thickness: 10 gpm (38 l/min.)
- Weight: 940 lb (426 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>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>
<td>no</td>
</tr>
</tbody>
</table>

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

Reference Dimensions:
- A: 6 3/4 in. (171 mm)
- B: 61 3/4 in. (1568 mm)
- C: 65 1/4 in. (1657 mm)
- D: 46 7/8 in. (1191 mm)
- E: 16 1/2 in. (419 mm)
- F: 14 in. (356 mm)
- G: 23 1/2 in. (597 mm)

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

V.06/2009
Rail Grapple

6007RA with rotator RT-252

Opening 61 3/4 in. (1568 mm)
Closing 6 3/4 in. (171 mm)
Volume .278 cord of 8 ft. wood
Area tip to tip 4.5 sq. ft. (.41 sq. meter)
Rotator lifting capacity 25000 lb (11340 kg)
Torque at relief pressure 16150 in.lb (1825 Nm) @ 1450 psi (100 bars)

Volume 4.5 sq. ft. (.41 sq. meter)
Area tip to tip 25000 lb (11340 kg)

Volume 4.5 sq. ft. (.41 sq. meter)
Area tip to tip 25000 lb (11340 kg)

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

Rotator recommended flow will produce a speed of 30 rpm.

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<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>
<td>no</td>
</tr>
</tbody>
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Grapple cylinder maximum flow will theoretically produce a complete grapple open/close cycle in 4 seconds.

Reference Dimension

A 6 3/4 in. (171 mm)
B 61 3/4 in. (1568 mm)
C 65 1/4 in. (1657 mm)
D 46 1/4 in. (1175 mm)
E 16 1/2 in. (419 mm)
F 14 in. (356 mm)
G 23 1/2 in. (597 mm)
H
Rail Grapple

6007RA with rotator R-9150

- Opening: 61 3/4 in. (1568 mm)
- Closing: 6 3/4 in. (171 mm)
- Volume: .278 cord of 8 ft. wood
- Area tip to tip: 4.5 sq. ft. (.41 sq. meter)
- Rotator lifting capacity: 18000 lb (8165 kg)
- Torque at relief pressure: 8450 in.lb (955 Nm) @ 913 psi (63 bars)
- Steel* thickness: 930 lb (422 kg)
- Weight: 4.5 sq. ft. (.41 sq. meter)

Rotator recommendations:
- 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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<td>3&quot;</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>

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

Reference Dimension:
- A: 6 3/4 in. (171 mm)
- B: 61 3/4 in. (1568 mm)
- C: 65 1/4 in. (1657 mm)
- D: 48 1/2 in. (1232 mm)
- E: 16 1/2 in. (419 mm)
- F: 14 in. (356 mm)
- G: 23 1/2 in. (597 mm)
- H:

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