B Series Wireline-Retrievable Packers

B Series packers are large bore pack-off devices which can be set at a predetermined point anywhere in the tubing or casing.

A slip system on the tools outer body anchors the packer to the wellbore while a packing element provides a pressure seal. The tools are typically run and retrieved using conventional well intervention methods along with Halliburton RO and PK service tools.

Applications

B Series packers are ‘utility’ packers designed for a wide range of applications.

The base model is the BB0 packer, which is primarily used as an anchoring device for the suspension of various well intervention tools, such as water injection valves, downhole gauges and safety valves (Storm Choke® safety valves). It may also be used as a plugging device by attaching a remote equalizing sub (i.e. pump-out plug) or prong equalizing sub. The BB0 model forms the base for both the BR0 seal bore packer and the BV0 velocity string packer.

The BR0 packer incorporates an upper seal receptacle making it ideal for use in modular straddle systems in addition to the standard BB0 packer applications.

The BV0 packer utilizes a Ratch-Latch™ type running head which is designed for use with the Halliburton CT hydraulic running tool. This configuration allows large weights to be suspended from the packer while running in hole and makes the BV0 packer ideal for velocity string, long isolation straddle and sand control applications.

Features

• One-piece dual modulus packing element
• Compact, modular design
• High running and retrieval speeds
• Large footprint segmented slip mechanism
• Slip mechanism located below packing element
• Slips mechanically retained on retrieval
• Controlled setting action
• OD components rotationally locked
• Field redressable
Benefits

- Allows the operator to quickly and economically convert the tool for use in different operational conditions
- Compact design allows deployment in restricted work areas where limited height is available above the well and access is difficult
- Slip design and controlled setting action ensures the stresses exerted on the casing or tubing are evenly distributed thus preventing damage
- Mechanically retained slips reduce the risk of premature setting while running in hole and hanging up on retrieval
- Packing element design enhances its ability to return to its original shape upon release thus reducing the risk of hanging up
- Slip mechanism position offers protection from casing debris thus improving reliability
- The BB0 and BR0 packers may be run and retrieved on slickline, electric line, coiled tubing or workstring; while the BV0 packer deployment and retrieval method will be dependent on the application
- Utilized as part of a system to provide isolation straddle solutions of any length

<table>
<thead>
<tr>
<th>Size (in.)</th>
<th>Weight (lb/ft)</th>
<th>Maximum OD (in.)</th>
<th>Minimum ID (in.)</th>
<th>Above Pressure (psi)</th>
<th>Below Pressure (psi)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 7/8 (73.03)</td>
<td>6.4 (9.52); 8.7 (12.94)</td>
<td>2.280 (57.91); 2.140 (54.36)</td>
<td>1.000 (25.40); 1.000 (24.40)</td>
<td>5,000 (344.5); 5,000 (344.5)</td>
<td>5,000 (344.5); 5,000 (344.5)</td>
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<td>3 1/2 (88.90)</td>
<td>9.2 (13.69)</td>
<td>2.720 (69.09)</td>
<td>1.375 (34.93)</td>
<td>3,000 (206.7); 3,000 (206.7)</td>
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<td>4 1/2 (114.30)</td>
<td>10.2 (17.26); 12.7 (18.75); 13.5 (20.09); 15.1 (22.47)</td>
<td>3.650 (92.71); 3.650 (92.71); 3.650 (92.71); 3.650 (92.71)</td>
<td>2.340 (59.44); 2.340 (59.44); 2.340 (59.44); 2.340 (59.44)</td>
<td>4,000 (275.8); 4,000 (275.8); 4,000 (275.8); 4,000 (275.8)</td>
<td>3,000 (206.7); 3,000 (206.7); 3,000 (206.7); 3,000 (206.7)</td>
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<tr>
<td>5 (127.00)</td>
<td>15.0 (22.31)</td>
<td>4.280 (108.71)</td>
<td>2.500 (63.50)</td>
<td>4,000 (275.8); 4,000 (275.8)</td>
<td>4,000 (275.8); 4,000 (275.8)</td>
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<tr>
<td>5 1/2 (139.70)</td>
<td>17.0 (25.29)</td>
<td>4.530 (115.6); 4.470 (113.54)</td>
<td>2.625 (66.68); 2.625 (66.68)</td>
<td>5,000 (344.5); 3,000 (206.7)</td>
<td>4,500 (310.26); 3,000 (206.7)</td>
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<td>6 5/8 (168.30)</td>
<td>23.0 (34.21); 26.0 (38.68)</td>
<td>4.460 (113.28); 4.280 (108.71)</td>
<td>2.625 (66.68); 2.340 (59.44)</td>
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<td>4,500 (310.26); 5,000 (344.5)</td>
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<td>7 (177.8)</td>
<td>32.0 (47.60)</td>
<td>5.500 (139.70)</td>
<td>3.400 (86.36)</td>
<td>5,000 (344.5); 5,000 (344.5)</td>
<td>5,000 (344.5); 5,000 (344.5)</td>
</tr>
</tbody>
</table>

Part Number Prefix: P803BB0, P803BR0, P803BV0

For more information, visit www.halliburton.com or email us at completions@halliburton.com.

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