The RXB API insert pump is a heavy-walled, stationary barrel, bottom hold-down pump recognized by API as a standard design. This pump is most often used in moderate to deep wells where there is little chance of sand accumulation. If sand or gas is an issue, the pump can be paired with optional accessories to address those challenges. The operating capacity of this pump falls between the RHB and the RWB API insert pumps: Like the RWB API insert pump, the barrel is threaded on the inside, reducing the number of connections needed and allowing room for a larger bore. The wall thickness, however, is similar to the RHB API insert pump, enabling operation at greater depths.

Seating options on this pump include mechanical (RXBM) or cup (RXBC) types suitable for high temperatures, and mechanical types for simplified well maintenance. A mechanical hold-down does not require repair unless major damage has occurred, whereas cups should be replaced every time the pump is unset. Both hold-down types follow the same procedure of setting and unsetting by placing the weight of the sucker rods down on the pump or lifting up.

**Enhance operational flexibility and extend the life of your rod system**

Schlumberger offers a range of tools and specialty products engineered to address common problems such as rodstring wear and damage due to gas interference, erosion, or insufficient fluid levels. These products provide greater flexibility during operations and can extend the life of the rod lift system.

**Sand specialty products**

- Prevent a stuck pump scenario caused by solids accumulation around the hold-down with a top seal.
- Direct solids away from the pump barrel, maintain downhole pump integrity, and extend run life with optimized components.
- Keep particulate matter from settling and sticking the pump and greatly reduce the adverse effects of corrosive fluid by using the bottom discharge valve.

**RXB API Insert Pumps Specifications**

<table>
<thead>
<tr>
<th>Tubing × Pump Bore Size, in [mm]</th>
<th>2 1/4 × 1 1/4</th>
<th>2 1/4 × 1 1/2</th>
<th>2 3/4 × 2</th>
<th>3 1/2 × 2 1/2</th>
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<tbody>
<tr>
<td>[60.325 × 31.750]</td>
<td>[60.325 × 38.100]</td>
<td>[73.025 × 50.800]</td>
<td>[88.900 × 63.500]</td>
<td></td>
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