RCD 2000™ Rotating Control Device with Remote Hydraulic Clamp
Safe, efficient containment and diversion of drilling fluids in pressure-critical applications

Halliburton services' RCD 2000™ rotating control device helps reduce cost and environmental impact while improving overall wellsite safety in pressure-critical operations.

The RCD 2000 device is equipped with a remote hydraulic clamp, which helps enable safe and secure operation by the rig personnel. The system includes a hydraulic power unit (HPU) to deliver oil lubrication on demand to bearings and seals.

Rated to 2,000 psi (13.8 MPa) static pressure and 1,500 psi (10.3 MPa) dynamic pressure, the RCD 2000 device creates a pressure-tight barrier between fluid returns and personnel on the rig floor, safely containing annular fluids under pressure while drillpipe is rotating, and diverting fluids below the rig floor to the returns system without interrupting operations.

A range of available adapter accessories includes a snubbing/test/logging adapter, as well as a casing stripping adapter, each of which easily attaches to the bowl of the rotating head utilizing the taper design of the bowl and clamp.

With a compact design, the RCD 2000 device fits easily under most drilling rigs without modifications, providing better maneuverability and faster rig up.

Applications
The RCD 2000 device helps enhance health, safety, and environment (HSE) management through total control of surface pressure in a range of pressure-critical applications:

• Managed-pressure drilling (MPD), air drilling, underbalanced drilling (UBD), and kick control in conventional drilling
• Shallow gas and abnormally pressured formations
• Casing while drilling
• Extended-reach horizontal and ultradeep vertical wells

Benefits
• Helps improve safety and efficiency in pressure-critical applications
• Maintains tight control of drilling fluid to enhance HSE
• Provides more time to react to kick events
• Reduces risk of background gas from flashing to the atmosphere in the rig floor area
• Fits under most drilling rigs without modification
## RCD 2000™ Rotating Control Device Specifications

<table>
<thead>
<tr>
<th>Bottom Flange in., psi (MPa)</th>
<th>A in. (cm)</th>
<th>B in. (cm)</th>
<th>C in. (cm)</th>
<th>D in. (cm)</th>
<th>Outlet Flange in., psi (MPa)</th>
</tr>
</thead>
<tbody>
<tr>
<td>11, 5,000 (34.5)</td>
<td>46-1/2 (118.1)</td>
<td>37 (94.0)</td>
<td>11 (27.9)</td>
<td>17-1/2 (44.5)</td>
<td>7-1/16, 3,000 (20.7) (Studded)</td>
</tr>
<tr>
<td>13-5/8, 5,000 (34.5) (Low Profile)</td>
<td>40 (101.6)</td>
<td>28 (71.1)</td>
<td>13-5/8 (34.6)</td>
<td>11-1/2 (29.2)</td>
<td>7-1/16, 3,000 (20.7) (Flanged)</td>
</tr>
<tr>
<td>13-5/8, 5,000 (34.5)</td>
<td>48 (121.9)</td>
<td>39 (99.1)</td>
<td>13-5/8 (34.6)</td>
<td>19 (48.3)</td>
<td>7-1/16, 3,000 (20.7) (Studded)</td>
</tr>
</tbody>
</table>

All dimensions are approximate.

Typical installation of an RCD 2000™ rotating control device with remote hydraulic clamp, pneumatically powered HPU, and monitoring Control Console.

Universal quick-change bearing assembly is interchangeable with all bowl sizes.

For more information, contact your local Halliburton representative.