Sandvik RD535 hydraulic rock drill is designed for face drilling on Sandvik tunneling jumbos. It is also suitable for bolt hole, exploration and injection hole drilling.

Sandvik RD535 is a hydraulic percussive rock drill with independent reversible rotation and low profile height. It is known of its hydraulic efficiency and high penetration rate. Sandvik RD535 has excellent serviceability through modular construction and visual wear indicators.

Robustness is achieved by having only few pressurized seams between functional modules. The rock drill is equipped with stabilizer to control contact between drill bit and rock. The stabilizer also dampens recoil impulses from rock and lengthens the lifetime of drilling tools.

<table>
<thead>
<tr>
<th>MAIN DIMENSIONS</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Hole diameter drilling</td>
<td>48 - 64 mm</td>
</tr>
<tr>
<td>Hole diameter reaming</td>
<td>76 - 127 mm</td>
</tr>
<tr>
<td>Power class</td>
<td>31 kW</td>
</tr>
<tr>
<td>Percussion rate</td>
<td>107 Hz</td>
</tr>
<tr>
<td>Operating pressure</td>
<td></td>
</tr>
<tr>
<td>Percussion</td>
<td>100 - 225 bar</td>
</tr>
<tr>
<td>Rotation motor type</td>
<td>OMS 125</td>
</tr>
<tr>
<td>Drill steels</td>
<td>R42 or R39 drifter rods, MF-rods highly recommended</td>
</tr>
<tr>
<td>Shanks</td>
<td>T35 (male), T38 (male), T45 (male)</td>
</tr>
<tr>
<td>Weight</td>
<td>230 kg</td>
</tr>
</tbody>
</table>
2. SANDVIK RD535 - HYDRAULIC ROCK DRILL

<table>
<thead>
<tr>
<th>ROTATION MECHANISM</th>
<th>SHANK LUBRICATION</th>
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</thead>
<tbody>
<tr>
<td>Motor type</td>
<td>OMS 125</td>
</tr>
<tr>
<td>Torque (at 175 bar)</td>
<td>625 Nm</td>
</tr>
<tr>
<td>Rotation speed</td>
<td>0 - 280 rpm</td>
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<td>Flow (at max speed)</td>
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<th>FLUSHING PRESSURE</th>
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<td>Max. pressure (air / water)</td>
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<tr>
<th>ACCUMULATORS</th>
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<tr>
<td>Accumulator gas</td>
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<tr>
<td>High pressure (HP)</td>
</tr>
<tr>
<td>Low pressure (LP)</td>
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<tr>
<td>Stabilizer</td>
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<td>Filling valve</td>
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<tr>
<th>RECOMMENDED SHANKS AND DRILL STEELS</th>
</tr>
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<tbody>
<tr>
<td>Rock tool</td>
</tr>
<tr>
<td>-----------</td>
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</tr>
<tr>
<td></td>
</tr>
<tr>
<td>Shank adapter</td>
</tr>
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| Drill steels    | R42 or R39 drifter rods, MF-rods highly recommended |

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Sandvik Mining and Rock Technology reserves the right to make changes to the information on this data sheet without prior notification to users. Please contact a Sandvik representative for clarification on specifications and options.

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