Sandvik HL300 hydraulic rock drill is designed for long-hole production drilling on surface and rock bolting in hard rock bolting in underground hard rock mines. It is also used in light tunneling rigs.

Sandvik HL300 is a hydraulic percussive rock drill with independent reversible rotation and low profile height. Sandvik HL300 is equipped with a separate lateral flushing head.

Biodegradable oils can be used both in hydraulic and shank lubrication to reduce risk of environment.

<table>
<thead>
<tr>
<th>TECHNICAL DATA</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Hole diameter drilling</td>
<td>32 - 38 mm (UG)</td>
</tr>
<tr>
<td></td>
<td>43 - 64 mm (SF)</td>
</tr>
<tr>
<td>Power class</td>
<td>8 kW</td>
</tr>
<tr>
<td>Percussion rate</td>
<td>50 Hz</td>
</tr>
<tr>
<td>Operating pressure</td>
<td></td>
</tr>
<tr>
<td>Percussion</td>
<td>100 - 160 bar</td>
</tr>
<tr>
<td>Rotation (max.)</td>
<td>175 bar</td>
</tr>
<tr>
<td>Rotation motor type</td>
<td>Tamrock H38 / H50 / OMSU80</td>
</tr>
<tr>
<td>Drill steels</td>
<td>25 / 32 drifter rods</td>
</tr>
<tr>
<td>Shanks</td>
<td>Female / male</td>
</tr>
<tr>
<td></td>
<td>R28 / R32</td>
</tr>
<tr>
<td>Weight</td>
<td>92 kg</td>
</tr>
</tbody>
</table>
2. SANDVIK HL300 HYDRAULIC ROCK DRILL

**ROTATION MECHANISM**
- **Motor**: H38 (only for UG)
- **Torque (at 150 bar)**: 175 Nm
- **Rotation speed**: 0 - 300 rpm
- **Flow (at max. speed)**: 30 l/min

**ACCUMULATORS**
- **Accumulator gas**: Nitrogen N2
- **High pressure (HP)**: 50 bar
- **Low pressure (LP)**: 4 bar
- **Filling valve**: Vg8 DIN7756

**SHANK LUBRICATION**
- **Air flow**: 150 - 200 l/min
- **Pressure**: 3 - 7 bar
- **Oil consumption**: 100 - 150 g/h

**OIL RECOMMENDATION**
- **Oil operating temperature**: +40°C up to +60°C
- **Oil recommendation**: See Sandvik drill rigs lubricant recommendation for detailed information

**OPTION**
- **Special tools for HL300 Complete set**: ID 151 997 82
- **Special tools for HL300 Field tools set**: ID 881 537 69

**FLUSHING PRESSURE**
- **Max. pressure (air / water)**: 15 bar

**ROTATION MECHANISM**
- **Motor**: H50
- **Torque (at 150 bar)**: 245 Nm
- **Rotation speed**: 0 - 300 rpm
- **Flow (at max. speed)**: 40 l/min

**ROTATION MECHANISM**
- **Motor**: OMSU80 (only for SF)
- **Torque (at 150 bar)**: 400 Nm
- **Rotation speed**: 0 - 300 rpm
- **Flow (at max. speed)**: 53 l/min

**FLUSHING PRESSURE**
- **Max. pressure (air / water)**: 15 bar

Sandvik Mining 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.