Sandvik RDX5 is a robust rock drill for heavy duty rock drilling. It is designed for face and long hole drilling, also used in rock bolting. RDX5 is designed to perform even in the harshest conditions.

RDX5 rock drill is known for its exceptional durability. The robustness is achieved by less pressurized seams and simple design with only two moving parts. The design of the rock drill enhances hydraulic efficiency while lessening wear on the parts.

RDX5 has excellent serviceability through modular construction and visual wear indicators. It also has an integrated carriage for ease of service.

Shank lubrication drain is led to feed surfaces to reduce lubrication fume, creating a more comfortable working environment.

**MAIN DIMENSIONS**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hole diameter drilling</td>
<td>43 - 64 mm</td>
</tr>
<tr>
<td>Hole diameter reaming</td>
<td>76 - 127 mm</td>
</tr>
<tr>
<td>Power class</td>
<td>20 kW</td>
</tr>
<tr>
<td>Percussion rate</td>
<td>67 Hz</td>
</tr>
<tr>
<td>Operating pressure</td>
<td></td>
</tr>
<tr>
<td>Percussion</td>
<td>120 - 220 bar</td>
</tr>
<tr>
<td>Rotation (max.)</td>
<td>175 bar</td>
</tr>
<tr>
<td>Rotation motor type</td>
<td>OMS 80, OMS 125 or OMS 160</td>
</tr>
<tr>
<td>Drill steels</td>
<td>R32, R39 or Hex 35 mm drifter rods, MF-rods highly recommended</td>
</tr>
<tr>
<td>Shanks</td>
<td>45 mm / T38 / R32 / T35 / R38 / T45</td>
</tr>
<tr>
<td>Weight</td>
<td>210 kg</td>
</tr>
</tbody>
</table>
**ROTATION MECHANISM**

Motor Orbit type
Motor type 1 OMS 80
Torque (at 175 bar) 400 Nm
Rotation speed 0 - 250 rpm
Flow (at max speed) 46 l/min

Motor Orbit type
Motor type 2 OMS 125
Torque (at 175 bar) 625 Nm
Rotation speed 0 - 250 rpm
Flow (at max speed) 72 l/min

Motor Orbit type
Motor type 3 OMS 160
Torque (at 175 bar) 780 Nm
Rotation speed 0 - 200 rpm
Flow (at max speed) 74 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 250 - 350 l/min
Pressure 4 - 7 bar
Oil consumption 180 - 250 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 RDX5 Complete set See specification TS2-435
Special tools for RDX5 field tools set See Specification TS2-434
Power extractor See separate specification

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2. SANDVIK RDX5 - HYDRAULIC ROCK DRILL