RDX5

Hydraulic rock drill

Key features

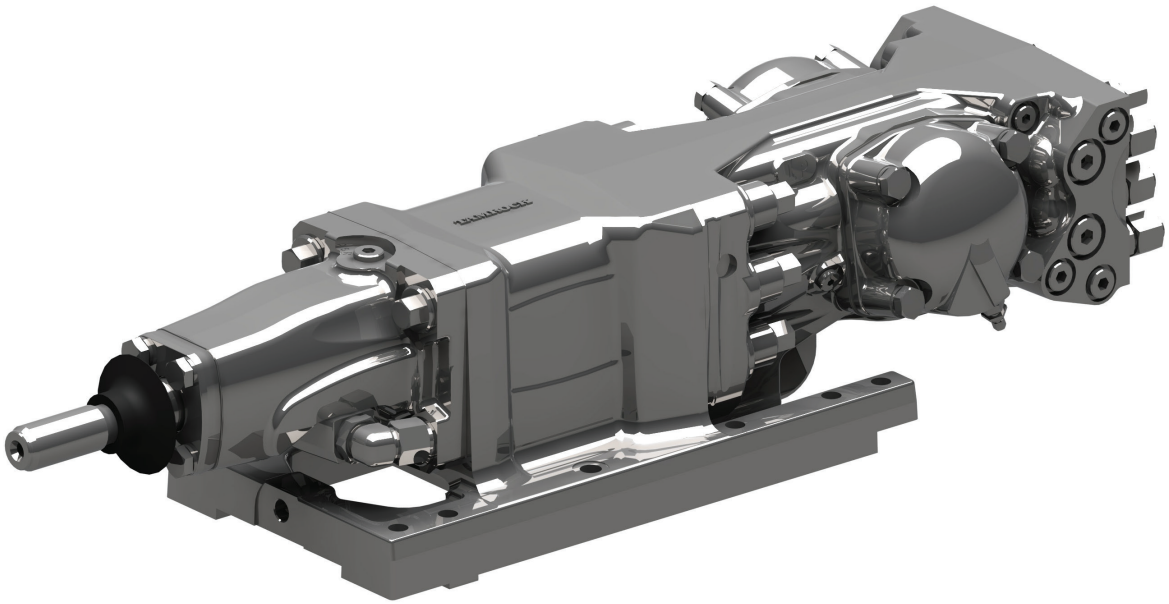
Hole diameter drilling	43 - 64 mm
Hole diameter reaming	76 - 127 mm
Power class	20 kW
Percussion rate	67 Hz
Operating pressure percussion	120 - 220 bar
Rotation (max).	175 bar
Drill steels (SF)	R32, R39 or Hex 35 mm drifter rods, MF-rods highly recommended
Shanks (SF)	45 mm / T38 / R32 / T35 / R38 / T45
Rotation motor type	80cc, 100cc, 125cc, 160cc
Weight	210 kg

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.



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Technical drawing

All dimensions in mm

Rotation mechanism

Motor size	80cc	100cc	125cc	160cc
Torque (at 175 bar)	425 Nm	545 Nm	675 Nm	770 Nm
Rotation speed (max)	365 rpm	330 rpm	265 rpm	210 rpm
Flow (at max speed)	65 l/min	75 l/min	75 l/min	75 l/min

Flushing pressure

Max. pressure (air / water)	20 bar

Shank lubrication

Air flow	250 - 350 l/min
Pressure	4 - 7 bar
Oil consumption	180 - 250 g/h

Oil recommendation

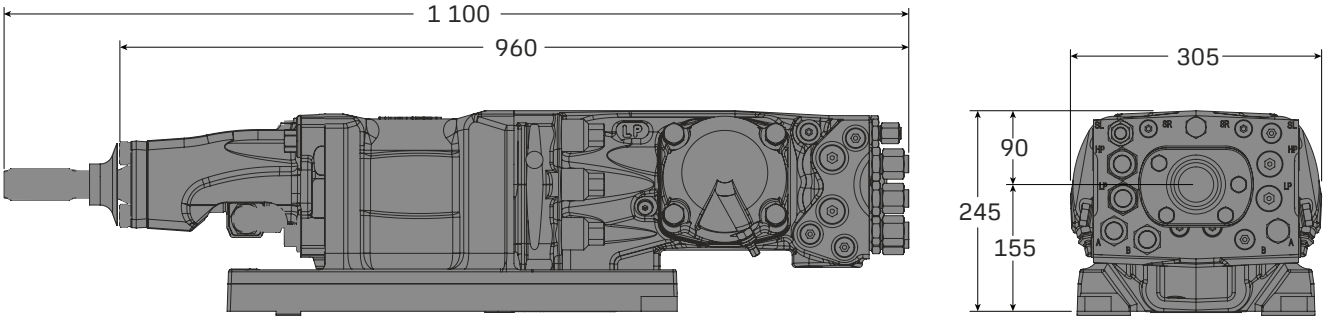
Oil operating temperature	+40°C up to +60°C
Oil recommendation	See Sandvik drill rigs lubricant recommendation for detailed information

Accumulators

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

Options

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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