RD1635CF

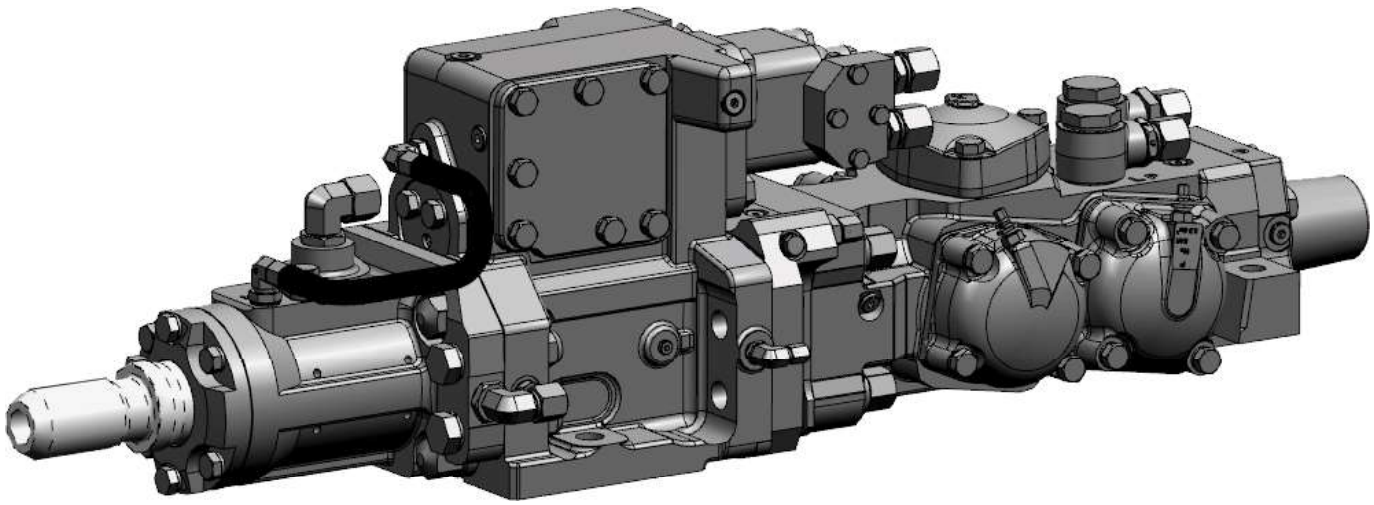
Hydraulic rock drill

Key features

Hole diameter	89 - 152 mm
Power class	35 kW
Percussion rate	45 Hz
Operating pressure Percussion Rotation (max.)	 100 - 220 bar 200 bar
Rotation motor type	OMT 400, OMT 500
Drill steels	GT60, ST68
Shanks Ø65 mm Ø80 mm	 GT60 - 760 GT60 / ST68 - 760
Weight	470 - 500 kg

Sandvik RD1635CF is a high-frequency hydraulic rock drill designed for surface long-hole drilling of Ø 89 - 152 mm (3½" - 6") holes.

Sandvik RD1635CF is a heavy hydraulic percussive rock drill with independent rotation and separate flushing, which ensures high reliability. It is equipped with a stabilizer to control contact between the drill bit and rock, ensuring optimal drilling performance and long rock tool service life. Different rock drill versions are available through modular design: a flushing device for different rock tool combinations, power extractor and alternative rotation motor displacements.



SANDVIK

Rotation mechanism		
Motor	Orbit type	Orbit type
Motor type	OMT 400	OMT 500
Torque (at 175 bar)	2005 Nm	2330 Nm
Rotation speed	0 - 100 rpm	0 - 100 rpm
Flow (at max. speed)	85 l/min	113 l/min

Actuator for shank control (stabilizer)	
Operating principle	Hydraulic actuator for position control of shank adapter in rock drill, control force adjustable through pressure
Operating pressure	60 - 110 bar, adjustable

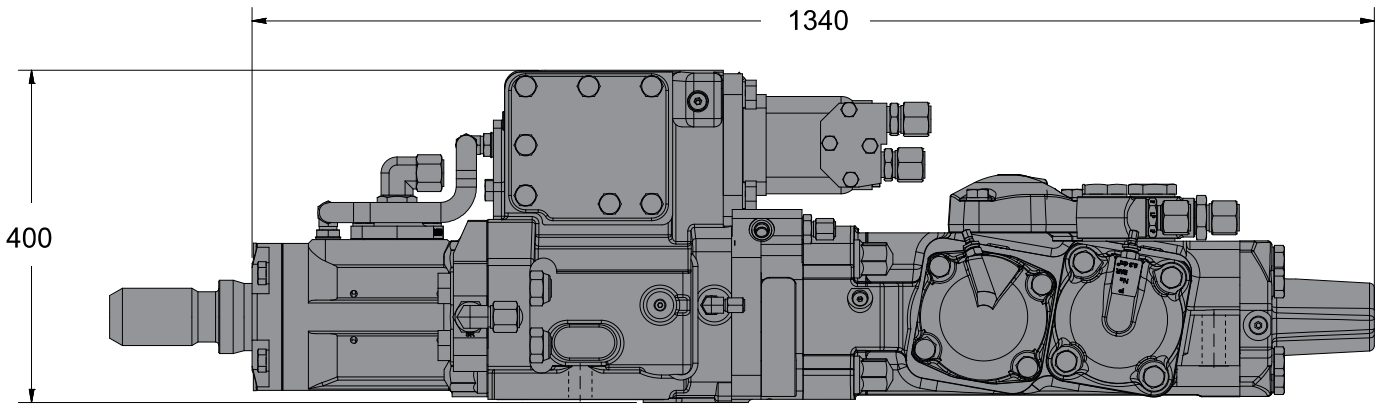
Oil recommendation	
Oil operating temperature	+40°C up to +60°C
Oil recommendation	See Sandvik drill rigs lubricant recommendation for detailed information

Accumulators	
Accumulator gas	Nitrogen N2
High pressure (HP)	50 bar
Low pressure (LP)	4 bar
Stabilizer	40 bar
Filling valve	Vg8 DIN 7756

Options	
Special tools for RD1635CF Complete set	Specification TS2-182
Special tools for RD1635CF Field tool set	Specification TS2-183

Shank lubrication	
Air flow (at 6 bar)	500 l/min
Pressure	4 bar
Oil flow (circulating)	2 l/min

Flushing pressure	
Max. pressure (air / water)	20 bar



All dimensions in mm

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.

TS2-179:03/ENG/METRIC © Sandvik Mining 2024 SANDVIK is a registered trademark owned by Sandvik Intellectual Property AB in Sweden and other countries.