

RD315

Hydraulic rock drill

Key features

Power class	15 kW
Percussion rate	95 Hz
Operating pressure	
Percussion	100 - 180 bar
Rotation (max.)	175 bar
Rotation motor type	100 cc, 125 cc or 160 cc
Shanks	R32 (female) R32 (male) H32 (bolt tools, no flushing) T35 (male) R38 (male, no flushing) T38 (male) T38 (male, no flushing)
Weight	126 kg

Sandvik RD315 high-frequency hydraulic rock drill is designed for bolting and face drilling rigs.

Sandvik RD315 can be used in electrically-controlled and hydraulically-controlled Sandvik drill rigs.

Sandvik RD315 is a compact, robust and universal hydraulic percussive rock drill. It is known for its hydraulic efficiency and high penetration rate.

Sandvik RD315 has excellent serviceability through modular construction and visual wear indicators. Service interval is 500 percussion hours.



Technical drawing

All dimensions in mm

Rotation mechanism

Motor	Orbit type	Orbit type	Orbit type
Motor type	100 cc	125 cc	160 cc
Torque (at 175 bar)	340 Nm	420 Nm	500 Nm
Rotation speed	0 - 530 rpm	0 - 430 rpm	0 - 340 rpm
Flow (at max speed)	75 l/min	75 l/min	75 l/min

Accumulators

Accumulator gas	Nitrogen N2
High pressure (HP)	40 bar
Low pressure (LP)	4 bar
Filling valve	Vg8 DIN7756

Shank lubrication

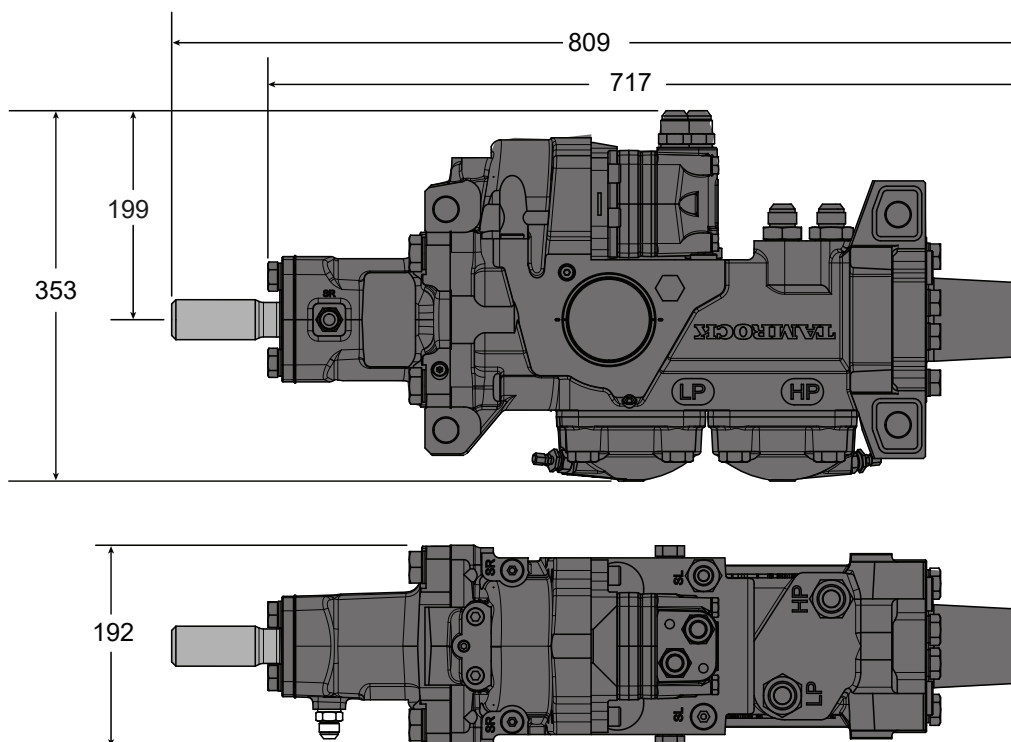
Air flow	150 - 250 l/min
Pressure	4 - 5 bar
Oil consumption	100 - 200 g/h

Oil recommendation

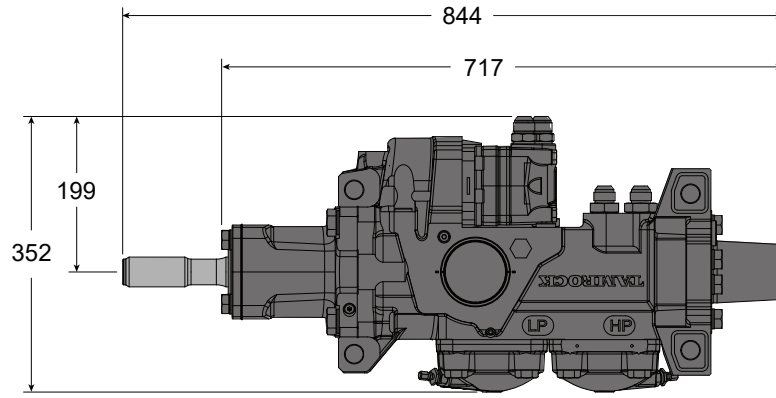
Oil operating temperature	+40°C up to +60°C
Oil recommendation	See Sandvik drill rigs lubricant recommendation for detailed information

Option

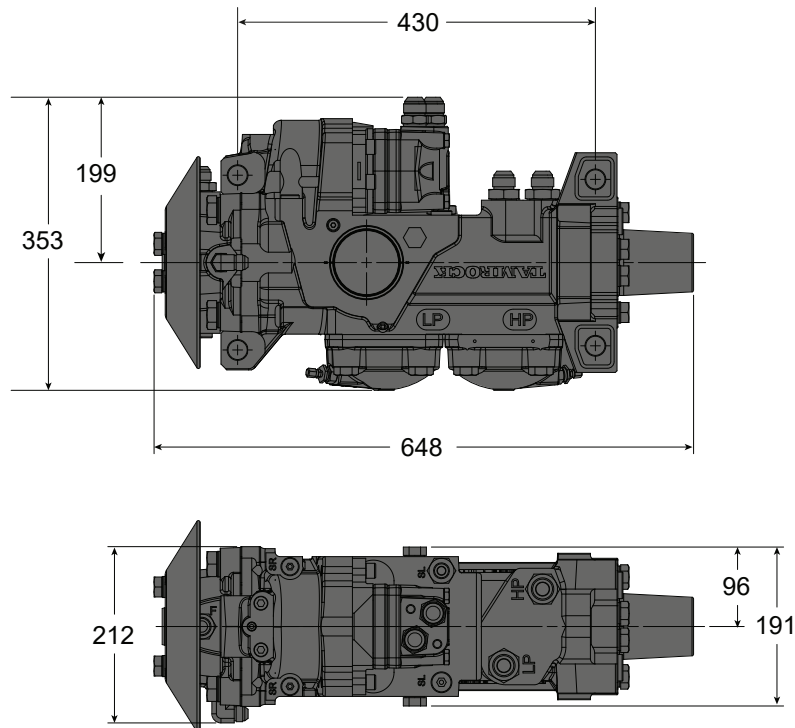
Special tools for RD315 / complete set	Spec sheet TS2-118
Special tools for RD315 / field tools set	Spec sheet TS2-119
Bolt installation tools for RD315 H32	Spec sheet TS2-552

RD315 D38 (bolting application)

RD315 D38 (face drilling application)



RD315 D45 (bolting application)



RD315 H32 (bolting application)

