



SANDVIK HL300 ROCK DRILL

TECHNICAL SPECIFICATION

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.

TECHNICAL DATA

Hole diameter drilling	32 - 38 mm (UG) 43 - 64 mm (SF)
Power class	8 kW
Percussion rate	50 Hz
Operating pressure	
Percussion	100 - 160 bar
Rotation (max.)	175 bar
Rotation motor type	Tamrock H38 / H50 / OMSU80
Drill steels	25 / 32 drifter rods
Shanks	Female / male R28 / R32
Weight	92 kg



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

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
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ACCUMULATORS

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

SHANK LUBRICATION

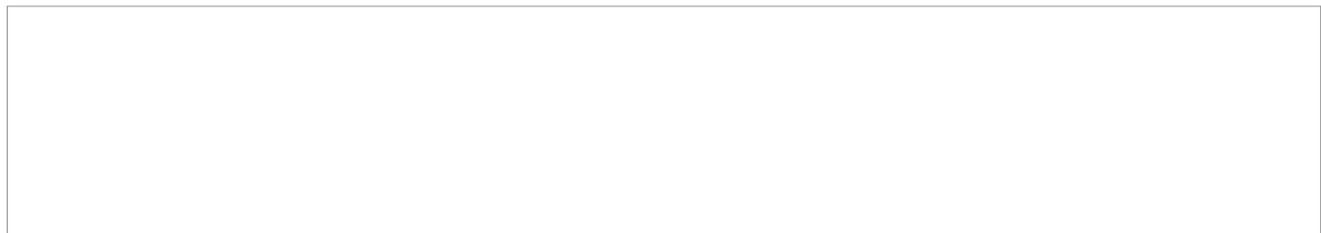
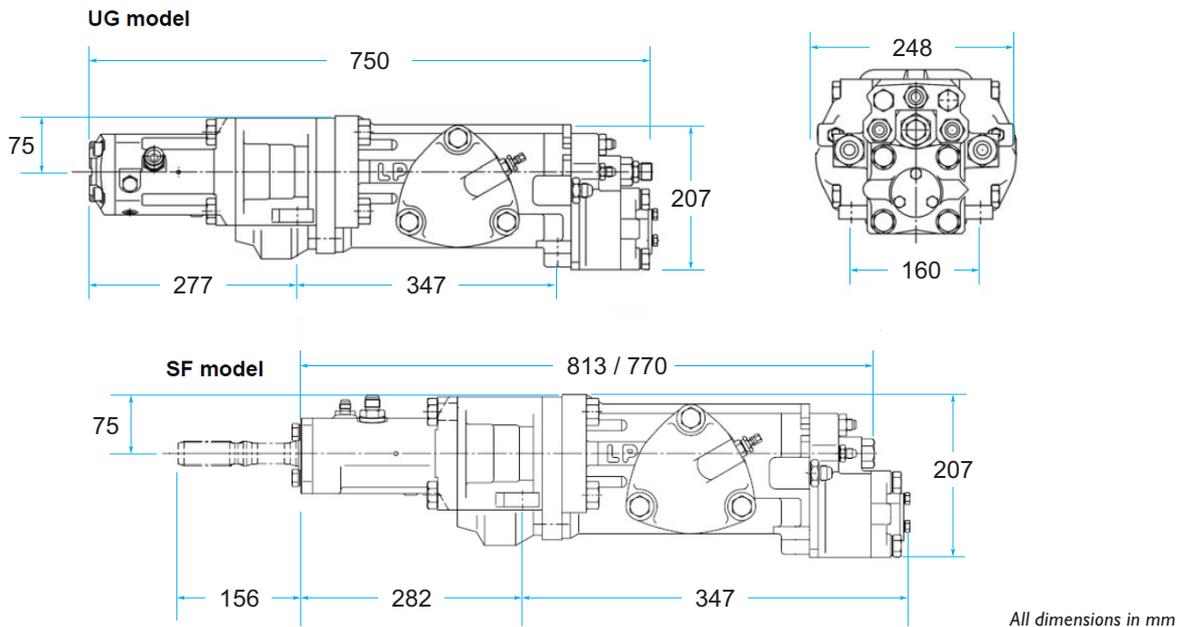
Air flow	150 - 200 l/min
Pressure	3 - 7 bar
Oil consumption	100 - 150 g/h

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



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2. SANDVIK HL300 HYDRAULIC ROCK DRILL