

# SANDVIK HL300

## 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

