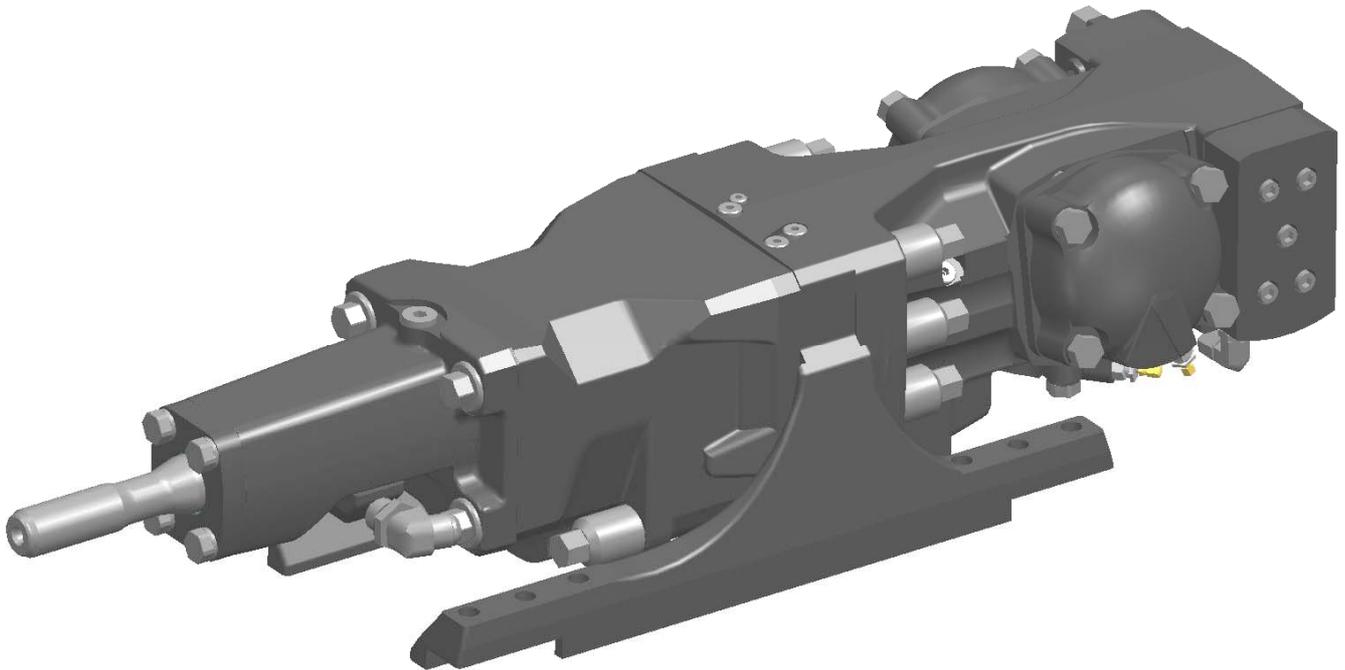


Hydraulic rock drill HLX 5T



APPLICATION

HLX 5T hydraulic percussive rock drill is designed for face drilling on Sandvik tunneling and mine development jumbos. It is also suitable for bolt hole, exploration and injection hole drilling.

MAIN CHARACTERISTICS

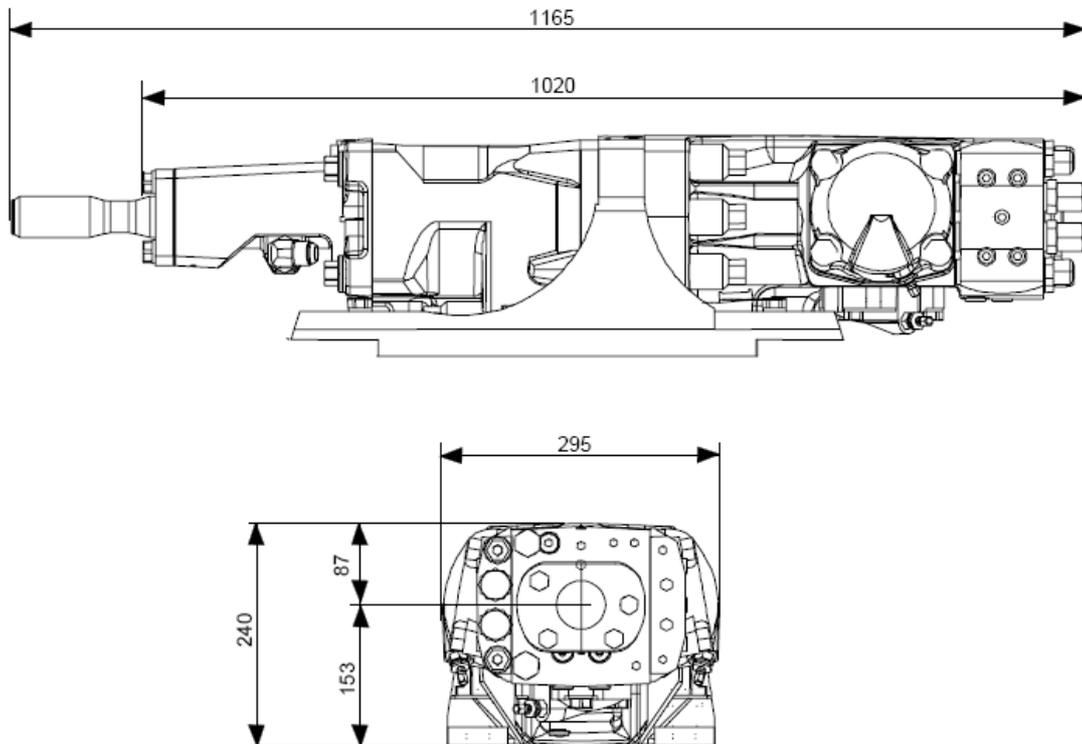
HLX 5T is a hydraulic percussive rock drill with independent reversible rotation and low profile height. It is known for its hydraulic efficiency and high penetration rates. HLX 5T has excellent serviceability through modular construction and visual wear indicators. Robustness is achieved by only few pressurized seams between the functional modules. The rock drill is equipped with a hydraulic actuator ("Stabilizer") to control contact between drill bit and rock. This ensures optimal drilling performance with high drill steel lifetime.

Shank lubrication drain is lead to feed surfaces to reduce lubrication fume enabling more ergonomic working environment.

MAIN SPECIFICATIONS

Hole diameter	
Drifting	43...64 mm
Cut hole drilling	76...127 mm
Power class	22 kW
Percussion rate	62 Hz
Operating pressure	
Percussion	120-240 bar
Rotation (max)	175 bar
Rotation motor type	OMS 80/125/160
Drill steels	R 39 or Hex 35 mm drifter rods, MF-rods highly recommended
Shanks	Ø 45 / T 38

GENERAL DIMENSIONS



TECHNICAL DATA

MAIN DIMENSION

Length	1 020 mm
Profile height	87 mm
Width	295 mm
Weight	218 kg

ROTATION MECHANISM

Motor	Orbit type (3 options)
Motor type 1	OMS 80
Torque (at 175 bar)	400 Nm
Rotation speed	0...250 rpm
Flow (at max speed)	46 l/min
Motor type 2	OMS 125
Torque (at 175 bar)	625 Nm
Rotation speed	0...250 rpm
Flow (at max speed)	72 l/min
Motor type 3	OMS 160
Torque (at 175 bar)	780 Nm
Rotation speed	0...200 rpm
Flow (at max speed)	74 l/min

FLUSHING

Max pressure (air/water)	20 bar
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ACCUMULATORS

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

SHANK LUBRICATION

Air flow (at 6 bar)	250...350 l/min
Pressure	4...7 bar
Oil consumption	180...250 g/h

OIL RECOMMENDATION

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

OPTIONS

Special tools for HLX 5T, ID 55006507

Sandvik Mining and Construction reserves the right to change this specification without further notice.