



RD38

TECHNICAL SPECIFICATION

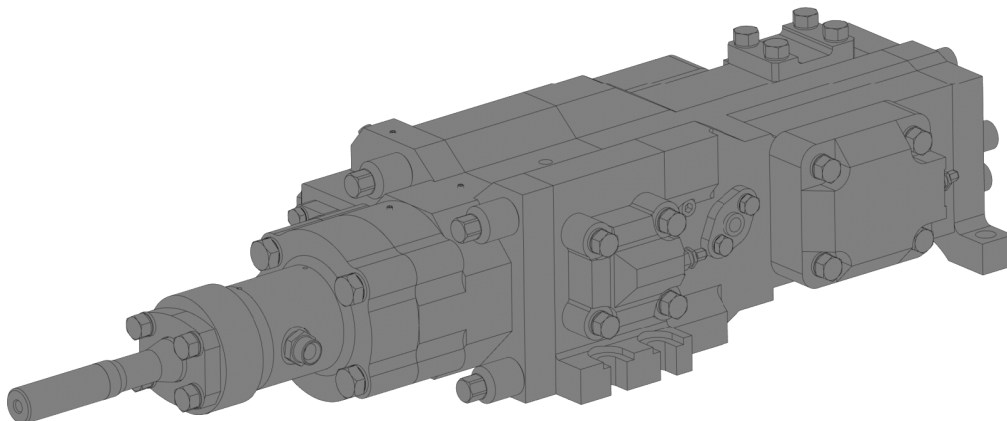
Drillcom RD 38 is our biggest and newest model, built with high engineering standards, and modern solutions in the back-kick percussion energy dampening management.

Maximum recommended hole size of 45mm to 89 (64mm).

Biodegradable oil usage recommended to lower environmental impact.

MAIN DIMENSIONS

Hole Diameter	45–89mm (102mm)
Power class	19 kW
Percussion rate	75 Hz
Percussion kinetic energy (max 160bar)	260Nm
Percussion oil flow (max 160bar)	130 L/min
Rotation motor type	160 & 200m ³
Weight	260 kg





MOTOR 160

Rotation speed (cont.)	200 rpm
Rotation pressure max	150 bar
Rotation torque	650 Nm

MOTOR 200

Rotation speed (cont.)	160 rpm
Rotation pressure max	150 bar
Rotation torque	800 Nm

SHANK

Shank lubrication air flow	300 L/min
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OIL

Hydraulic oil	Diesel engine oil API CD or higher, SAE 10W30 / 15W40
Shank lubrication	Shell Torcula 32(W) - 100 (S)

ACCUMULATORS

Accumulator. Gas	Nitrogen N2
High pressure (HP)	55bar
Low pressure (LP)	4bar

PERCUSSION

Max power	19 kW
Kinetic energy	260 Nm
Oil flow (max. 160bar)	130 l/min
Feeding force, horizontal	6kN (theoretical)

FLUSHING

Flushing air pressure	6bar
Flushing air flow	4000 l/min
Flushing water pressure	6bar
Flushing water flow	150 l/min

