



RD 8

Straight forward, high speed hydraulic rock drill for underground and surface applications. Hole range 43 - 76 mm (1 11/16" - 3").

 **Epiroc**

Straight forward reliability

Small rock drill designed for straight forward and reliable operation in both surface and underground applications.

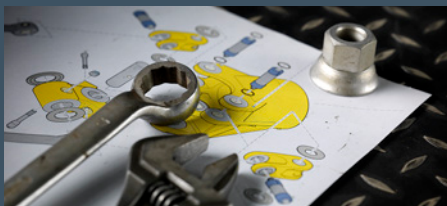


+ Main benefits

Durability: Robust with a straight forward design; delivering the consistent performance associated with Epiroc's rock drills

Easy to operate: Less complex with fewer parts and settings

Intuitive service: Intuitive to maintain and overhaul, requiring no custom designed tools



Installation instructions and retrofit support are available upon request.



Repair kit consisting of parts to be replaced during overhaul is available with quick delivery.



All spare parts and wear parts are available, with critical parts always in stock.

Technical specifications

Dimensions and weight

Weight	136 kg (300 lb)
Length	902 mm (2 ft 11.5 inch)
Height	154 mm (6 inch)
Width	372 mm (14.6 inch)

Impact ratings

Impact power, max	8 kW (11 hp)
Input power to rock drill, max	17 kW (22.8 hp)
Impact frequency	54 Hz
Drill pressure	137 bar (1958 psi)
Drill oil flow	75 L/min (2.6 cfm)

Drilling parameters

Rod size	T38
Hole range	43 - 76 mm (1 11/16 - 3 inch)

Hose sizes

Percussion hose	3/4 inch
Drain hose	3/8 inch
Rotation hoses	3/4 inch
Flushing hose	3/4 inch
Lubrication hose	3/8 inch
Percussion return hose	3/4 inch

Flushing flow and pressure

Flushing water pressure, max	10 bar (145 psi)
Lubricating air consumption	11 L/s at 5 bar (23.3 cfm at 72.5 psi)
Flushing water consumption*	40 - 120 L/min (1.4 - 4.3 cfm)

* Flushing water consumption depends strongly upon hole diameter, bit type, drill rod size and rock hardness. The figures above are typical values for spherical button bits in granite 200 Mpa (36,250 psi)

Rotation ratings

Motor size	80 cc
Rotation torque, max*	270 Nm (199 lbf-ft)
Rotation speed*	0 - 425 rpm
Rotation pressure, max	210 bar (3,045 psi)
Oil consumption, max	60 L/min (2.12 cfm)

*at drill string

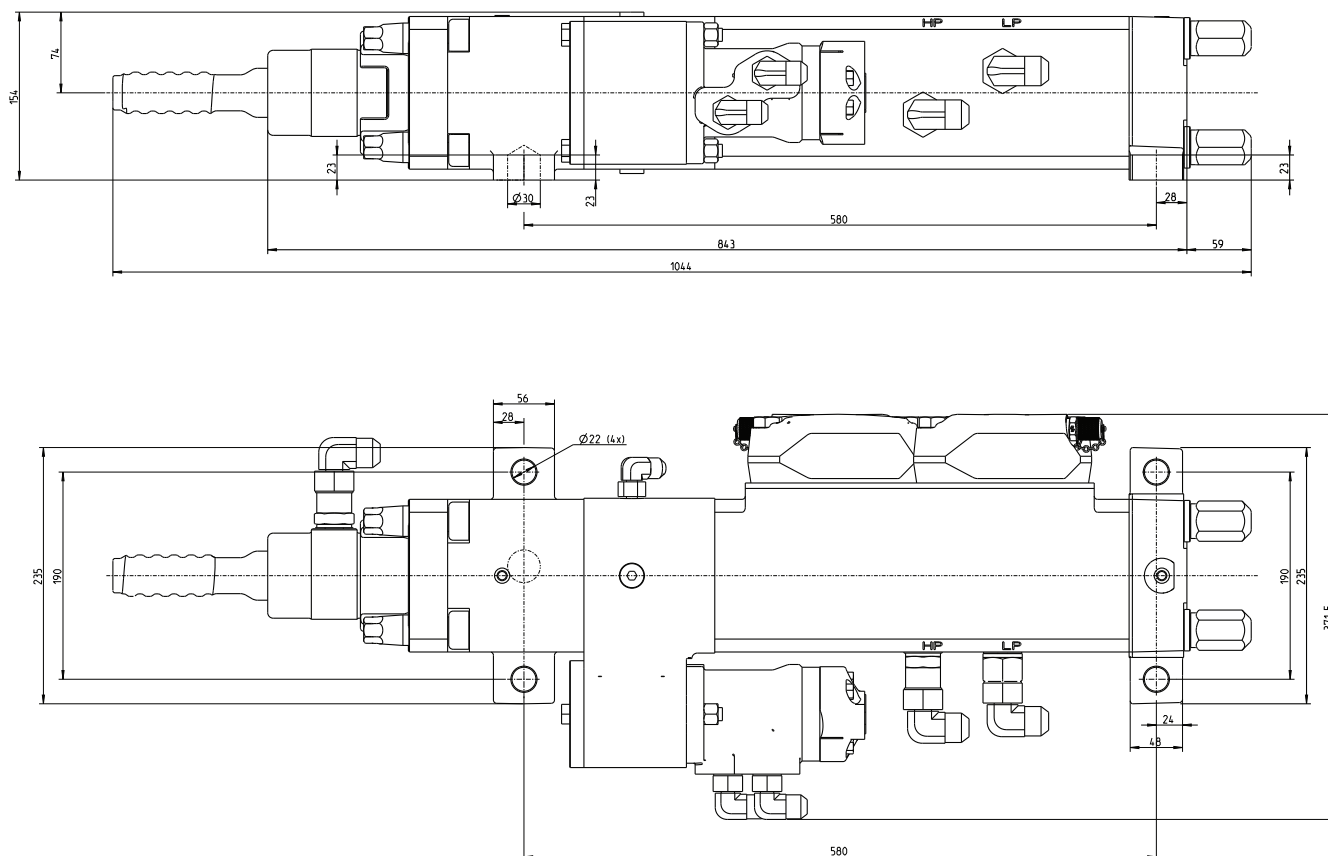
Accumulator charge pressure

Intake	55 bar (800 psi)
Return	4 bar (58 psi)

Shank adapter

T38	90029729 / 435-21401,10
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Outline dimensions



United in performance. Inspired by innovation.

Performance unites us, innovation inspires us, and commitment drives us to keep moving forward. Count on Epiroc to deliver the solutions you need to succeed today and the technology to lead tomorrow.
epiroc.com

